

**DIGITAL WORKSTATION**
**PSR-S910**
**PSR-S710**
**Data List / Daten-Liste / Liste des données / Lista de datos**

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# Voice List / Voice-Liste / Liste des voix / Lista de voces

## PSR-S910

Category	Voice Name	Voice Number			Voice Type	
		MSB	LSB	PRG		
Piano	GrandPiano	0	113	1	Live!	
	WarmGrand	0	114	1	Live!	
	BrightPiano	0	112	2	Live!	
	BalladStack	0	114	3	Regular	
	MIDIGrand	0	112	3	Regular	
	Harpsichord	8	32	113	S.Articulation!	
	OctavePiano1	0	113	4	Live!	
	OctavePiano2	0	114	4	Live!	
	HonkyTonk	0	112	4	Regular	
	CP80	0	113	3	Regular	
	Harpsichord	0	112	7	Live!	
	GrandHarpsi	0	113	7	Live!	
	E.Piano	SparkleStack	0	121	6	Cool!
		SweetDX	104	0	6	Cool!
DX Dynamics		0	123	6	Cool!	
GalaxyEP		0	114	5	Cool!	
BalladDX		0	124	6	Cool!	
SuitcaseEP		0	118	5	Cool!	
ElectricPiano		0	119	5	Cool!	
TremoloEP		0	113	5	Cool!	
StageEP		0	117	5	Regular	
VintageEP		0	116	5	Regular	
HyperTines		0	113	6	Regular	
VenusEP		0	114	6	Regular	
SuperDX		0	117	6	Regular	
PolarisEP		0	115	5	Regular	
DX Modern		0	112	6	Regular	
NewTines		0	116	6	Regular	
SmoothTine		0	119	6	Regular	
Clavi		0	112	8	Regular	
WahClavi		0	113	8	Regular	
PhaseClavi		0	115	8	Regular	
Strings	ConcertStrings	8	32	50	S.Articulation!	
	StudioStrings	8	32	49	S.Articulation!	
	Spiccato	0	120	49	Regular	
	Pizzicato	0	113	46	Live!	
	TremoloStrings	0	113	45	Regular	
	Violin	0	113	41	Sweet!	
	DiscoStrings1	0	123	50	Regular	
	DiscoStrings2	0	124	50	Regular	
	MovieStrings	0	123	49	Regular	
	Strings	0	117	50	Live!	
	Strings p	0	117	49	Regular	
	Strings mf	0	118	49	Regular	
	Strings f	0	119	49	Regular	
	DynamicStrings	0	124	49	Regular	
	TremoloBowing	8	34	49	S.Articulation!	
	Allegro	0	122	50	Live!	
	Tutti	0	120	50	Regular	
	OrchestraHit	0	112	56	Regular	
	Spiccato	8	33	49	S.Articulation!	
	Harp	0	112	47	Regular	
	Watariyat	0	125	49	Regular	
	Er Hu	0	113	111	Regular	
	Kanoun	0	113	108	Regular	
	Oud	0	113	106	Regular	
	Pi Pa	0	119	106	Regular	
	Sitar1	104	0	105	Regular	
	Sitar2	0	113	105	Regular	
	Banjo	0	112	106	Regular	
	Koto	0	112	108	Regular	
	Shamisen	0	112	107	Regular	
	SynthStrings1	0	112	51	Regular	
	SynthStrings2	0	113	51	Regular	
	OberStrings	0	113	52	Regular	
	SoloViolin	0	112	41	Regular	
	Viola	0	112	42	Regular	
	Cello	0	112	43	Regular	
	Contrabass	0	112	44	Regular	
	Fiddle	0	112	111	Regular	

Category	Voice Name	Voice Number			Voice Type
		MSB	LSB	PRG	
Strings	ChamberStrings	0	112	50	Regular
	Hackbrett	0	113	47	Regular
	SmallStrings	8	0	49	MegaVoice
	LargeStrings	8	0	50	MegaVoice
Guitar&Bass	ConcertGuitar	8	32	1	S.Articulation!
	SteelGuitar	8	32	2	S.Articulation!
	FlamencoGtr	8	33	1	S.Articulation!
	12StringGtr	0	113	26	Live!
	PedalSteel	8	36	4	S.Articulation!
	WarmSolid	8	33	4	S.Articulation!
	CleanSolid	8	34	4	S.Articulation!
	GuitarHero	8	32	6	S.Articulation!
	70'sSolidGtr	8	38	4	S.Articulation!
	HeavyRock	8	32	5	S.Articulation!
	Mandolin	0	114	26	Sweet!
	NylonGuitar	8	34	1	S.Articulation!
	FolkGuitar	8	33	2	S.Articulation!
	DynamicNylon	0	116	25	Regular
	DynamicSteel	0	116	26	Live!
	HalfDrive	8	37	4	S.Articulation!
	VintageLead	0	125	28	Cool!
	BluesGuitar	0	117	30	Cool!
	WarmElectric	8	32	4	S.Articulation!
	CleanElectric	8	35	4	S.Articulation!
	SlideNylon	0	117	25	Regular
	SlideSteel	0	118	26	Live!
	SlideSolid	0	110	28	Cool!
	SlideClean	0	117	29	Cool!
	PedalSteel	0	115	28	Regular
	AlohaGuitar	0	118	27	Regular
	HardFlamenco	0	118	25	Regular
	JazzSoloGtr	0	116	27	Cool!
	ClassicalGtr	0	115	25	Regular
	SteelGuitar	0	117	26	Live!
	TremoloSolid	0	111	28	Cool!
	ChorusSolid	0	107	28	Cool!
	BalladSolid	0	109	28	Cool!
	DynamicMute	0	118	29	Cool!
	ElectricGtr	0	114	29	Cool!
	PowerLead	0	115	31	Cool!
	Feedbacker	8	33	5	S.Articulation!
	CleanGuitar	0	112	28	Cool!
	SlapSolid	0	108	28	Cool!
	FunkGuitar	0	116	29	Cool!
	JazzGuitar	0	115	27	Cool!
	VintageOpen	0	123	28	Regular
	VintageStrum	0	126	28	Regular
VintageAmp	0	115	30	Regular	
VintageMutedGt	0	115	29	Regular	
NylonMute	0	119	25	Regular	
SteelMute	0	120	26	Live!	
HeavyStack	0	114	31	Regular	
CrunchGuitar	0	113	31	Regular	
MutedGuitar	0	119	29	Cool!	
OctaveGuitar	0	113	27	Regular	
NylonGuitar	8	0	1	MegaVoice	
SteelGuitar	8	0	2	MegaVoice	
12StringGtr	8	1	3	MegaVoice	
HiStringGtr	8	0	3	MegaVoice	
SolidGuitar1	8	1	4	MegaVoice	
SolidGuitar2	8	2	4	MegaVoice	
CleanGuitar	8	0	4	MegaVoice	
OverdriveGtr	8	0	5	MegaVoice	
DistortionGtr	8	0	6	MegaVoice	
ElectricBass	0	114	34	Cool!	
AcousticBass	0	112	33	Regular	
DynoPickBass	0	113	35	Cool!	
FretlessBass	0	112	36	Cool!	
SlapBass	0	112	37	Regular	
LoBass	104	0	40	Regular	

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Category	Voice Name	Voice Number			Voice Type	
		MSB	LSB	PRG		
Guitar&Bass	DarkBass	104	1	40	Regular	
	MoonBass	104	0	39	Regular	
	KickBass	104	1	39	Regular	
	ClubBass	104	2	39	Regular	
	MellowFinger	0	112	34	Regular	
	RockBass	0	114	35	Regular	
	SuperFretless	0	113	36	Regular	
	PickBass	0	112	35	Regular	
	FusionBass	0	113	37	Regular	
	FatPulse	104	2	40	Regular	
	WazzoSaw	104	3	81	Regular	
	DeepPoint	104	3	39	Regular	
	TightBass	104	3	40	Regular	
	Competitor	104	4	39	Regular	
	1o1Sub	104	5	39	Regular	
	LittleBassSynth	104	6	39	Regular	
	TeknoBass	104	7	39	Regular	
	PercPunch	104	8	39	Regular	
	SquareBass	104	4	40	Regular	
	TranceBass	104	9	39	Regular	
	SubCutBass	104	5	40	Regular	
	DynoAcidBass	104	10	39	Regular	
	MiniSub	104	6	40	Regular	
	FatSineRes	104	11	39	Regular	
	BalladBass	104	7	40	Regular	
	VelolMaster	104	17	82	Regular	
	SubBass	0	114	40	Regular	
	HardBass	0	114	39	Regular	
	ResoBass	0	112	39	Regular	
	HouseBass	0	116	39	Regular	
	BigDrone	0	118	39	Regular	
	FunkBass	0	112	38	Regular	
	TB Bass	0	117	40	Regular	
	Bass&Cymbal	0	114	33	Regular	
	AcousticBass	8	0	17	MegaVoice	
	ElectricBass	8	0	18	MegaVoice	
	PickBass	8	0	19	MegaVoice	
	FretlessBass	8	0	20	MegaVoice	
	Saxophone	Saxophone	8	32	83	S.Articulation!
		BigBandSax	8	35	83	S.Articulation!
		RockSax	8	33	83	S.Articulation!
		SopranoSax	0	113	65	Sweet!
		SaxSection	0	116	67	Live!
		PopTenor	0	127	67	Sweet!
BalladTenor		0	126	67	Sweet!	
JazzTenor		0	125	67	Sweet!	
AltoSax		0	114	66	Sweet!	
TenorSax		0	117	67	Sweet!	
GrowlSax		0	111	67	Sweet!	
SaxSectionSoft		0	121	67	Live!	
SaxSectionHard		0	122	67	Live!	
SaxAppeal		0	123	67	Live!	
BaritoneSax		0	112	68	Regular	
BigBandSaxes		0	110	67	Regular	
BigBandUnison		0	109	67	Regular	
BigBandOctave		0	108	67	Regular	
Moonlight		0	115	72	Regular	
BalladSection		0	119	67	Regular	
TenorSax		8	0	83	MegaVoice	
Flute&Woodwind		Flute	0	114	74	Sweet!
	Clarinet	0	114	72	Sweet!	
	Oboe	0	113	69	Sweet!	
	EnglishHorn	0	112	70	Regular	
	Bassoon	0	112	71	Regular	
	PanFlute	0	113	76	Sweet!	
	ClassicalFlute	0	115	74	Sweet!	
	Nay	0	114	78	Regular	
	Di Zi	0	118	74	Regular	
	Sheng	0	116	110	Regular	
	Piccolo	0	112	73	Regular	
	Flute&Woodwind	Flute	0	112	74	Regular
		Clarinet	0	112	72	Regular
Oboe		0	112	69	Regular	
FluteEnsemble		0	116	74	Regular	
Whistle		0	112	79	Regular	
Shakuhachi		0	112	78	Regular	
Bagpipe		0	112	110	Regular	
Recorder		0	112	75	Regular	
Ocarina		0	112	80	Regular	
PanFlute		0	113	74	Regular	
EthnicFlute		0	112	76	Regular	
Organ		JazzRotary	8	32	114	S.Articulation!
		CurvedBars	0	121	17	Cool!
		EvenBars	0	111	17	Cool!
		VintageFast	0	127	17	Cool!
		RotorOrgan	0	117	19	Cool!
		JazzOrgan	0	117	17	Cool!
		RockRotary	8	33	114	S.Articulation!
		Hold It Fast	0	111	18	Cool!
		R&B Tremolo	0	111	19	Cool!
		Organ	0	118	19	Cool!
		JazzSlow	0	126	18	Cool!
		JazzFast	0	127	18	Cool!
		TwoChannels	0	109	18	Cool!
	FullRocker	0	115	19	Cool!	
	EuroOrgan	0	118	17	Regular	
	OrganAccomp1	0	108	18	Regular	
	OrganAccomp2	0	107	18	Regular	
	OrganAccomp3	0	106	18	Regular	
	OrganAccomp4	0	105	18	Regular	
	OrganAccomp5	0	104	18	Regular	
	FullTheatre	0	127	19	Regular	
	SweetTheatre	0	126	19	Regular	
	BallroomOrgan	0	115	4	Regular	
	Harmonium Double	0	114	21	Regular	
Harmonium Triple	0	115	21	Regular		
ChapelOrgan1	0	113	20	Regular		
ChapelOrgan2	0	114	20	Regular		
ChapelOrgan3	0	115	20	Regular		
PipeOrgan	0	112	20	Regular		
Tibia 16&4 Acmp	0	114	17	Regular		
Tibia Full Acmp	0	114	18	Regular		
MellowDraw	0	115	18	Regular		
Trumpet	Trumpet	8	32	65	S.Articulation!	
	SilverTrumpet	8	33	65	S.Articulation!	
	GoldenTrumpet	8	34	65	S.Articulation!	
	BigBandTrumpet	8	37	65	S.Articulation!	
	TrumpetFall	8	38	65	S.Articulation!	
	Cornet	0	119	57	Sweet!	
	FlugelHorn	0	118	57	Sweet!	
	MutedTrumpet	0	114	60	Sweet!	
	Trumpet	0	115	57	Sweet!	
	Trombone	0	117	58	Sweet!	
	TrumpetShake	8	35	65	S.Articulation!	
	GoldenTrumpet	0	122	57	Sweet!	
	SilverTrumpet	0	121	57	Sweet!	
	MellowTrumpet	0	120	57	Sweet!	
	BaritoneHorn	0	113	59	Regular	
	BaritoneHit	0	114	59	Regular	
	AlpBass	0	113	34	Regular	
	Tuba	0	112	59	Regular	
	Trumpet	8	0	65	MegaVoice	
	Brass	BigBandBrass	8	37	57	S.Articulation!
SmoothBrass		8	36	57	S.Articulation!	
DynamicBrass		0	127	62	Regular	
PowerBrass		0	121	63	Regular	
AccentBrass		0	109	62	Regular	
FrenchHorns		0	112	61	Live!	
SymphonyBrass		0	119	61	Regular	
Brass p		0	111	62	Regular	

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Category	Voice Name	Voice Number			Voice Type
		MSB	LSB	PRG	
Brass	Brass mf	0	110	62	Regular
	Brass f	0	108	62	Regular
	BrassFalls f	8	34	57	S.Articulation!
	BrassFalls mf	8	35	57	S.Articulation!
	BrassBand	0	123	57	Regular
	SoftHorns	0	117	61	Regular
	SoftTrombones	0	118	61	Regular
	BrassShake	8	32	57	S.Articulation!
	AccentFalls	8	38	57	S.Articulation!
	Sforzando	0	105	62	Regular
	SforzandoFall	0	107	62	Regular
	SymphonyHorns	0	115	61	Live!
	BrassDynamics	0	106	62	Regular
	PopBrass	0	117	63	Live!
	HyperBrass	0	118	63	Live!
	SmallBrass	0	120	61	Live!
	OctaveBrass	0	116	63	Live!
	ThinBrass	104	0	63	Regular
	BrassProfit	104	1	63	Regular
	SlowPWMBrass	104	2	63	Regular
	FastPWMBrass	104	6	63	Regular
	OberBrass	0	113	64	Regular
	SoftVeloBrass	0	120	63	Regular
	80'sBrass	0	113	63	Regular
	AnalogBrass	0	112	64	Regular
	SoftAnalog	0	114	64	Regular
	FunkyAnalog	0	115	63	Regular
	TechnoBrass	0	114	63	Regular
	OberHorns	0	115	64	Regular
	FatSynthBrass	0	116	64	Regular
	BallroomBrass	0	113	60	Regular
	Brass	8	0	57	MegaVoice
	Accordion	FrenchMusette	0	119	22
MasterAccordion		0	118	22	Regular
JazzAccordion		0	120	22	Regular
TangoAccordion		0	114	24	Regular
Steirisch		0	117	22	Regular
Harmonica		0	112	23	Sweet!
ModernHarp		0	113	23	Regular
BluesHarp		0	114	23	Regular
Bandoneon		0	113	24	Regular
Musette		0	112	22	Regular
MasterBass		0	122	22	Regular
MusetteBass		0	123	22	Regular
AccordionBass		0	121	22	Regular
TangoBass		0	115	24	Regular
Choir&Pad		GospelVoices	0	116	53
	Humming	0	118	53	Live!
	HahChoir	0	114	53	Regular
	SweetHeaven	0	118	89	Regular
	DreamHeaven	0	121	89	Regular
	Mmh	0	117	53	Live!
	GothicVox	0	113	54	Regular
	BellHeaven	0	119	89	Regular
	PanHeaven	0	120	89	Regular
	ProHeaven	0	122	89	Regular
	CrossPhase	104	1	102	Regular
	GalaxyPad	104	3	89	Regular
	NightMotion	104	4	89	Regular
	MorningDew	104	0	95	Regular
	Aerosphere	104	1	95	Regular
	NewAtmosphere	104	4	90	Regular
	VPSOFT	104	0	90	Regular
	HotSwell	104	2	96	Regular
	DarkFatSaw	104	2	90	Regular
	VaporPad	104	1	90	Regular
	SpaceRider	104	1	96	Regular
	PearlsPad	104	2	89	Regular
	BreathPad	104	0	92	Regular
	NobleMan	104	1	89	Regular

Category	Voice Name	Voice Number			Voice Type	
		MSB	LSB	PRG		
Choir&Pad	DouxFlange	104	3	96	Regular	
	LightPad	104	2	52	Regular	
	ButterStrings	104	2	51	Regular	
	MediumTunePad	104	0	51	Regular	
	NylonPad	104	0	100	Regular	
	DarkLight	104	3	90	Regular	
	AnaDayz	104	3	52	Regular	
	BrightPadTrance	104	4	91	Regular	
	OctStrings	104	4	51	Regular	
	ChillinChords	104	6	52	Regular	
	BrightPopPad	104	3	51	Regular	
	PremiumPad	104	0	52	Regular	
	SoftEnsemble	104	1	51	Regular	
	80'sPad	104	1	52	Regular	
	BrightPadClassic	104	3	91	Regular	
	AmbientPad	104	0	89	Regular	
	BrightFatSaw	104	5	91	Regular	
	TranceMW	104	0	96	Regular	
	EarlyDigital	104	0	94	Regular	
	Bellsphere	104	5	89	Regular	
	SixthSense	104	2	102	Regular	
	PercPad	104	0	102	Regular	
	SuperDarkPad	0	119	90	Regular	
	AnalogPad	0	120	90	Regular	
	DarkAngelPad	0	121	90	Regular	
	LitePad	0	122	90	Regular	
	PopPad	0	112	91	Regular	
	GloriousPhase	0	114	91	Regular	
	AnalogSwell	0	119	96	Regular	
	Skydiver	0	112	102	Regular	
	HipaStrings	0	114	96	Regular	
	BrightSawPad	0	113	91	Regular	
	BigOctavePad	0	115	91	Regular	
	GoldenAge	0	115	89	Regular	
	Solaris	0	114	95	Regular	
	Insomnia	0	113	95	Regular	
	Mediterrain	0	114	100	Regular	
	OberSweep	0	115	96	Regular	
	TimeTravel	0	116	89	Regular	
	Bubblespace	0	113	102	Regular	
	MagicBell	8	32	121	S.Articulation!	
	MellowPad	0	117	96	Regular	
	NeoWarmPad	0	115	90	Regular	
	CyberPad	0	113	100	Regular	
	BrightOber	0	113	96	Regular	
	DarkPad	0	118	96	Regular	
	Synth&FX	ClubLead	104	3	63	Regular
		HPFDance	104	0	91	Regular
		DetunedSawOct	104	8	82	Regular
		DancyHook	104	9	82	Regular
		VinylSaw	104	3	82	Regular
		TalkModLead	104	0	88	Regular
		SubLead	104	0	81	Regular
		SoftSaw	104	16	82	Regular
		FusionLead	104	15	82	Regular
		BleepLead	104	0	85	Regular
		Oxygen	0	122	82	Regular
Matrix		0	123	82	Regular	
WireLead		0	120	82	Regular	
SoftR&B		0	119	81	Regular	
EarlyLead		0	118	82	Regular	
LektroCodes		104	2	85	Regular	
SimpleComp		104	12	82	Regular	
BalladComp		104	6	89	Regular	
HeavenBell		104	0	101	Regular	
BrightPadBell		104	7	89	Regular	
SoftSquare		104	5	81	Regular	
WildPWM		104	4	81	Regular	
DetunedVintage		104	1	85	Regular	
PWMLead		104	1	82	Regular	

## PSR-S910

Category	Voice Name	Voice Number			Voice Type	
		MSB	LSB	PRG		
Synth&FX	BrassyLead	104	5	63	Regular	
	PunchLead	104	7	82	Regular	
	FlangeFilter	104	2	82	Regular	
	MouthLead	104	0	82	Regular	
	ResonantClavi	104	2	91	Regular	
	ResonanceComp	104	4	63	Regular	
	TrancePerc	104	5	82	Regular	
	Chordmaster	104	13	82	Regular	
	DigitalSeq	104	2	88	Regular	
	AnalogSeq	104	3	88	Regular	
	TranceSeq1	104	4	88	Regular	
	TranceSeq2	104	5	88	Regular	
	TranceSeq3	104	1	91	Regular	
	PercSeqFS	104	6	88	Regular	
	PercSeqFM1	104	7	88	Regular	
	PercSeqFM2	104	8	88	Regular	
	SynthSticks	104	0	107	Regular	
	SazFeeze	104	0	98	Regular	
	EasternAir	104	1	98	Regular	
	Xtune	104	1	88	Regular	
	PitchFall	104	0	104	Regular	
	PercSeqSaw	104	11	82	Regular	
	PercSeqHipa	104	9	88	Regular	
	Attack	104	4	82	Regular	
	PWMPercussion	104	6	82	Regular	
	Nomad	104	1	105	Regular	
	ChorusSawLead	104	10	82	Regular	
	FaaatComp	104	4	52	Regular	
	FatSawHook	104	7	52	Regular	
	TechGlide	104	14	82	Regular	
	DanceChords	104	5	52	Regular	
	DanceHook	0	112	87	Regular	
	OctaveHook	0	113	87	Regular	
	HipaLead	0	118	85	Regular	
	PunchyHook	0	127	82	Regular	
	CryingLead	0	114	88	Regular	
	HipLead	0	113	81	Regular	
	HopLead	0	117	81	Regular	
	TechLead	0	117	85	Regular	
	Tekkline	0	116	85	Regular	
	SoftMini	0	124	81	Regular	
	TranceLead	0	121	81	Regular	
	FireWire	0	116	82	Regular	
	Analogon	0	115	82	Regular	
	Skyline	0	115	85	Regular	
	OrbitSine	0	126	81	Regular	
	Perc&Drum	Vibraphone	0	112	12	Regular
		JazzVibes	0	113	12	Regular
		Suspense	0	114	12	Regular
		Marimba	0	112	13	Regular
		Xylophone	0	112	14	Regular
		SteelDrums	0	112	115	Regular
		Celesta	0	112	9	Regular
		Glockenspiel	0	112	10	Regular
		MusicBox	0	112	11	Regular
		TubularBells	0	112	15	Regular
		StackBell	104	8	89	Regular
NiceBell		104	9	89	Regular	
Kalimba		0	112	109	Regular	
Dulcimer		0	112	16	Regular	
Timpani		0	112	48	Regular	
PowerKit1		127	0	88	Drums	
PowerKit2		127	0	89	Drums	
StandardKit1		127	0	1	Drums	
StandardKit2		127	0	2	Drums	
BrushKit		127	0	41	Drums	
AnalogT8Kit		127	0	59	Drums	
AnalogT9Kit		127	0	60	Drums	
BreakKit		127	0	58	Drums	
HipHopKit		127	0	57	Drums	

Category	Voice Name	Voice Number			Voice Type	
		MSB	LSB	PRG		
Perc&Drum	DanceKit	127	0	28	Drums	
	StudioKit	127	0	87	Drums	
	HitKit	127	0	5	Drums	
	SymphonyKit	127	0	49	Drums	
	RockKit	127	0	17	Drums	
	JazzKit	127	0	33	Drums	
	PopLatinKit	126	0	44	SFX Kit	
	CubanKit	126	0	41	SFX Kit	
	ArabicKit1	126	0	37	SFX Kit	
	ArabicMixtureKit	126	0	65	SFX Kit	
	IndianKit	126	0	115	SFX Kit	
	ChineseKit	126	0	125	SFX Kit	
	ChineseMixture Kit	127	0	128	SFX Kit	
	RoomKit	127	0	9	Drums	
	ElectroKit	127	0	25	Drums	
	AnalogKit	127	0	26	Drums	
	SFX Kit1	126	0	1	SFX Kit	
	SFX Kit2	126	0	2	SFX Kit	
	ArabicKit2	126	0	36	SFX Kit	
	OrganFlutes	JazzDraw!	0	126	17	OrganFlutes
		BluesOrgan!	0	126	17	OrganFlutes
		SixteenOne!	0	126	17	OrganFlutes
		EvenBars!	0	126	17	OrganFlutes
PopOrgan!		0	126	17	OrganFlutes	
RockingOrg!		0	126	17	OrganFlutes	
Percussive!		0	126	17	OrganFlutes	
GospelOrg!		0	126	17	OrganFlutes	
PadOrgan!		0	126	17	OrganFlutes	
FullRanks!		0	126	17	OrganFlutes	

## PSR-S910 (Legacy Voice)

Category	Voice Name	Voice Number			Voice Type
		MSB	LSB	PRG	
E.Piano	JazzChorus	0	118	6	Regular
	PhaseEP	0	120	5	Regular
	ModernEP	0	115	6	Regular
	FunkEP	0	112	5	Regular
	ChorusBell	0	120	6	Regular
	StereoClavi	0	114	8	Regular
Strings	SlowStrings	0	113	50	Regular
	StringFalls	0	121	49	Regular
	AnalogStrings	0	112	52	Regular
	Strings	0	112	49	Regular
	OrchStrings	0	113	49	Regular
	Symphonic	0	114	49	Regular
	ConcertoStrings	0	115	49	Regular
	BowStrings	0	116	49	Regular
	TremoloStrings	0	112	45	Regular
	Pizzicato	0	112	46	Regular
	Orchestra	0	116	50	Live!
	Orch&Flute	0	119	50	Regular
	Orch&Oboe	0	121	50	Regular
	Orch&Horns	0	118	50	Regular
	Marcato	0	115	50	Regular
StringQuartet	0	114	50	Regular	
Sitar3	0	112	105	Regular	
Guitar&Bass	60'sClean	0	117	28	Regular
	FolkGuitar	0	112	26	Regular
	MutedGuitar	0	112	29	Regular
	FunkGuitar	0	113	29	Regular
	SolidChord	0	121	28	Regular
	SolidGuitar	0	118	28	Regular
	CampfireGtr	0	115	26	Regular
	Electric12Str	0	119	28	Regular
	DXJazzGuitar	0	117	27	Regular
	SmoothLead	0	119	27	Regular
	PowerChord	0	117	31	Regular
	RockGuitar	0	116	30	Regular
	VoodooLead	0	116	31	Regular
	TremoloGuitar	0	113	28	Regular
	WahGuitar	0	122	28	Regular
	LeadGuitar	0	114	30	Regular
	18String	0	119	26	Regular
	ChorusGuitar	0	124	28	Regular
	VintageTrem	0	120	28	Regular
	DeepChorus	0	114	28	Regular
	BrightClean	0	116	28	Regular
	DistortionGtr	0	112	31	Regular
	OverdriveGtr	0	112	30	Regular
	FeedbackGtr	0	113	30	Regular
	WarmSolid	104	2	28	Cool!
	CleanSolid	104	3	28	Cool!
	GuitarHero	104	0	31	Cool!
	70'sSolidGtr	104	1	28	Cool!
	HalfDrive	104	0	30	Cool!
	HeavyRock	104	1	31	Cool!
	ClickBass	0	115	39	Regular
	PunchyBass	0	117	39	Regular
	AnalogBass	0	112	40	Regular
	DX FunkBass	0	113	38	Regular
	DrySynthBass	0	116	40	Regular
80'sSynthBass	0	115	40	Regular	
HiQBass	0	113	39	Regular	
Saxophone	Saxophone	104	0	67	Sweet!
	GrowlSax	0	118	67	Regular
	SopranoSax	0	112	65	Regular
	AltoSax	0	112	66	Regular
	TenorSax	0	112	67	Regular
	SaxStack	0	124	67	Regular
	WoodwindsEns	0	113	67	Regular
SaxyMood	0	120	67	Regular	
Organ	DanceOrgan	0	113	18	Regular
	ClickOrgan	0	112	18	Regular

Category	Voice Name	Voice Number			Voice Type
		MSB	LSB	PRG	
Organ	ReedOrgan	0	112	21	Regular
	RotarySwitch	0	110	18	Cool!
	RotaryDrive	0	116	19	Regular
	GospelOrgan	0	119	17	Regular
	PurpleOrgan	0	114	19	Regular
	RockOrgan1	0	112	19	Regular
	RockOrgan2	0	119	19	Regular
	RockOrgan3	0	113	19	Regular
	60'sOrgan	0	116	18	Regular
	JazzOrgan1	0	112	17	Regular
	JazzOrgan2	0	113	17	Regular
	JazzOrgan3	0	120	17	Regular
	DrawbarOrgan1	0	120	18	Regular
	DrawbarOrgan2	0	115	17	Regular
	BrightDraw	0	116	17	Regular
	PercOrgan	0	119	18	Regular
	ElectricOrgan	0	118	18	Regular
Trumpet	MutedTrumpet	0	112	60	Regular
	FlugelHorn	0	113	57	Regular
	SoloTrombone	0	112	58	Regular
	JazzTrumpet	0	116	57	Regular
	Trombone	0	116	58	Regular
	SoftTrombone	0	115	58	Regular
	SoloTrumpet	0	112	57	Regular
MellowTrombone	0	114	58	Regular	
Brass	SoftBrass	0	123	62	Regular
	Sforzando	0	125	62	Regular
	SmallBrass	0	117	62	Regular
	BrassSection	0	112	62	Regular
	HybridComp	0	119	63	Regular
	NaturalBrass	0	124	62	Regular
	BrightBrass	0	120	62	Regular
	Hybrihorn	0	113	61	Regular
	HighBrass	0	115	62	Regular
	BigBandBrass	0	113	62	Regular
	PopBrass	0	118	62	Regular
	BrassCombo	0	115	67	Regular
	BreathBrass	0	116	61	Regular
	BigBrass	0	121	62	Regular
	MellowBrass	0	116	62	Regular
	Hybripad	0	114	61	Regular
	FullHorns	0	114	62	Regular
	SmoothTrombone	0	118	58	Regular
	TrumpetEns	0	122	62	Regular
MellowHorns	0	119	62	Regular	
BrassHit	0	126	62	Regular	
SynthBrass	0	112	63	Regular	
TbnSection	0	113	58	Regular	
Accordion	Accordion	0	116	22	Regular
	SmallAccordion	0	115	22	Regular
	BallroomAcc	0	112	24	Regular
	SoftAccordion	0	114	22	Regular
	TuttiAccordion	0	113	22	Regular
Choir&Pad	Sunbeam	0	123	89	Regular
	UuhChoir	0	115	53	Regular
	HahPad	0	116	95	Regular
	Voices	0	113	55	Regular
	Choir	0	112	53	Regular
	AirChoir	0	112	55	Regular
	VoxHumana	0	112	54	Regular
	PsychoPad	0	118	102	Regular
	FarEast	0	112	98	Regular
	Disclosure	0	116	90	Regular
	Mystery	0	113	98	Regular
	Sirius	0	114	102	Regular
	S&H Groove	0	115	102	Regular
	VeloAshrami	0	116	102	Regular
	EveningStars	0	117	102	Regular
	AngelVibes	0	114	99	Regular
	GlassPad	0	114	94	Regular

## PSR-S910 (Legacy Voice)

Category	Voice Name	Voice Number			Voice Type
		MSB	LSB	PRG	
Choir&Pad	DX Pad	0	112	93	Regular
	Symbiont	0	113	89	Regular
	DarkMoon	0	113	90	Regular
	Ionosphere	0	115	95	Regular
	Millennium	0	117	89	Regular
	Atmosphere	0	112	100	Regular
	Equinox	0	112	95	Regular
	Fantasia	0	112	89	Regular
	Stargate	0	114	89	Regular
	Area51	0	112	90	Regular
	DigitalPad	0	115	94	Regular
	Dunes	0	114	90	Regular
	Messenger	0	116	96	Regular
	Wave2001	0	112	96	Regular
	XenonPad	0	112	92	Regular
Synth&FX	Adrenaline	0	113	85	Regular
	ProLead	0	113	84	Regular
	FunkyLead	0	121	82	Regular
	Portatone	0	112	85	Regular
	Stardust	0	112	99	Regular
	AeroLead	0	112	84	Regular
	MiniLead	0	114	81	Regular
	SunBell	0	113	99	Regular
	HiBias	0	116	81	Regular
	VinylLead	0	115	81	Regular
	PanLead	0	122	81	Regular
	StringBells	0	124	89	Regular
	Padbells	0	126	89	Regular
	BigTune	0	118	90	Regular
	TrumpetSaw	0	125	82	Regular
	Paraglide	0	114	85	Regular
	Robolead	0	124	82	Regular
	Fargo	0	119	82	Regular
	BigLead	0	113	82	Regular
	Warp	0	117	82	Regular
	Impact	0	113	88	Regular
	UnderHeim	0	112	88	Regular
	CrystalEyes	0	125	89	Regular
	MelodyMaker	0	117	90	Regular
	AttackSaw	0	126	82	Regular
	PercSquare	0	123	81	Regular
	SquareLead	0	112	81	Regular
	SawLead	0	112	82	Regular
	PopLead	0	120	81	Regular
	BrightMini	0	125	81	Regular
	Blaster	0	114	82	Regular
	TinyLead	0	118	81	Regular

## PSR-S710

Category	Voice Name	Voice Number			Voice Type	
		MSB	LSB	PRG		
Piano	GrandPiano	0	113	1	Live!	
	BrightPiano	0	112	2	Live!	
	Harpsichord	0	112	7	Regular	
	GrandHarpsi	0	113	7	Regular	
	HonkyTonk	0	112	4	Regular	
	WarmGrand	0	114	1	Live!	
	MIDIGrand	0	112	3	Regular	
	OctavePiano1	0	113	4	Regular	
	OctavePiano2	0	114	4	Regular	
	CP80	0	113	3	Regular	
	E.Piano	SparkleStack	0	121	6	Cool!
		GalaxyEP	0	114	5	Cool!
SuitcaseEP		0	118	5	Cool!	
PolarisEP		0	115	5	Regular	
JazzChorus		0	118	6	Regular	
HyperTines		0	113	6	Regular	
ElectricPiano		0	119	5	Cool!	
PhaseEP		0	120	5	Regular	
NewTines		0	116	6	Regular	
FunkEP		0	112	5	Regular	
DX Modern		0	112	6	Regular	
VintageEP		0	116	5	Regular	
VenusEP		0	114	6	Regular	
ModernEP		0	115	6	Regular	
TremoloEP		0	113	5	Cool!	
SuperDX		0	117	6	Regular	
StageEP		0	117	5	Regular	
StereoClavi		0	114	8	Regular	
Clavi		0	112	8	Regular	
WahClavi		0	113	8	Regular	
Strings	Strings	0	117	50	Live!	
	Allegro	0	122	50	Live!	
	Orchestra	0	116	50	Live!	
	Symphonic	0	114	49	Regular	
	Strings	0	112	49	Regular	
	Violin	0	113	41	Sweet!	
	Orch&Horns	0	118	50	Regular	
	Orch&Flute	0	119	50	Regular	
	Orch&Oboe	0	121	50	Regular	
	Tutti	0	120	50	Regular	
	OrchStrings	0	113	49	Regular	
	StringQuartet	0	114	50	Regular	
	ConcertoStrings	0	115	49	Regular	
	AnalogStrings	0	112	52	Regular	
	ChamberStrings	0	112	50	Regular	
	BowStrings	0	116	49	Regular	
	SlowStrings	0	113	50	Regular	
	TremoloStrings	0	112	45	Regular	
	Marcato	0	115	50	Regular	
	Pizzicato	0	112	46	Regular	
	Watariyat	0	125	49	Regular	
	Er Hu	0	113	111	Regular	
	Kanoun	0	113	108	Regular	
	Oud	0	113	106	Regular	
	Pi Pa	0	119	106	Regular	
	Sitar1	0	113	105	Regular	
	Sitar2	0	112	105	Regular	
	Banjo	0	112	106	Regular	
	Koto	0	112	108	Regular	
	Shamisen	0	112	107	Regular	
	SynthStrings1	0	112	51	Regular	
	SynthStrings2	0	113	51	Regular	
	Viola	0	112	42	Regular	
	Cello	0	112	43	Regular	
	Contrabass	0	112	44	Regular	
	SoloViolin	0	112	41	Regular	
	Fiddle	0	112	111	Regular	
	Harp	0	112	47	Regular	
	Hackbrett	0	113	47	Regular	
	OrchestraHit	0	112	56	Regular	



## PSR-S710

Category	Voice Name	Voice Number			Voice Type
		MSB	LSB	PRG	
Guitar&Bass	ClassicalGtr	0	115	25	Regular
	SteelGuitar	0	117	26	Live!
	HardFlamenco	0	118	25	Regular
	WarmSolid	104	2	28	Cool!
	CleanSolid	104	3	28	Cool!
	GuitarHero	104	0	31	Cool!
	70'sSolidGtr	104	1	28	Cool!
	HalfDrive	104	0	30	Cool!
	HeavyRock	104	1	31	Cool!
	JazzGuitar	0	115	27	Cool!
	SlideNylon	0	117	25	Regular
	SlideSteel	0	118	26	Live!
	SlideSolid	0	110	28	Cool!
	SlideClean	0	117	29	Cool!
	Mandolin	0	114	26	Sweet!
	PowerLead	0	115	31	Cool!
	VintageLead	0	125	28	Cool!
	VintageAmp	0	115	30	Regular
	BluesGuitar	0	117	30	Cool!
	SlapSolid	0	108	28	Cool!
	DynamicNylon	0	116	25	Regular
	DynamicSteel	0	116	26	Live!
	12StringGtr	0	113	26	Live!
	PedalSteel	0	115	28	Regular
	AlohaGuitar	0	118	27	Regular
	ChorusSolid	0	107	28	Cool!
	BalladSolid	0	109	28	Cool!
	TremoloSolid	0	111	28	Cool!
	ElectricGtr	0	114	29	Cool!
	SolidChord	0	121	28	Regular
	NylonMute	0	119	25	Regular
	SteelMute	0	120	26	Live!
	DynamicMute	0	118	29	Cool!
	VintageMutedGt	0	115	29	Regular
	MutedGuitar	0	119	29	Cool!
	HeavyStack	0	114	31	Regular
	CrunchGuitar	0	113	31	Regular
	PowerChord	0	117	31	Regular
	RockGuitar	0	116	30	Regular
	VoodooLead	0	116	31	Regular
	SmoothLead	0	119	27	Regular
	CleanGuitar	0	112	28	Cool!
	FunkGuitar	0	116	29	Cool!
	SolidGuitar	0	118	28	Regular
	VintageOpen	0	123	28	Regular
	VintageStrum	0	126	28	Regular
	60'sClean	0	117	28	Regular
	TremoloGuitar	0	113	28	Regular
	WahGuitar	0	122	28	Regular
	LeadGuitar	0	114	30	Regular
Electric12Str	0	119	28	Regular	
18String	0	119	26	Regular	
ChorusGuitar	0	124	28	Regular	
DeepChorus	0	114	28	Regular	
DistortionGtr	0	112	31	Regular	
FunkGuitar	0	113	29	Regular	
OverdriveGtr	0	112	30	Regular	
FeedbackGtr	0	113	30	Regular	
VintageTrem	0	120	28	Regular	
CampfireGtr	0	115	26	Regular	
FolkGuitar	0	112	26	Regular	
OctaveGuitar	0	113	27	Regular	
BrightClean	0	116	28	Regular	
MutedGuitar	0	112	29	Regular	
SteelGuitar	8	0	2	MegaVoice	
12StringGtr	8	1	3	MegaVoice	
HiStringGtr	8	0	3	MegaVoice	
CleanGuitar	8	0	4	MegaVoice	
NylonGuitar	8	0	1	MegaVoice	
SolidGuitar1	8	1	4	MegaVoice	

Category	Voice Name	Voice Number			Voice Type
		MSB	LSB	PRG	
Guitar&Bass	SolidGuitar2	8	2	4	MegaVoice
	OverdriveGtr	8	0	5	MegaVoice
	DistortionGtr	8	0	6	MegaVoice
	DynoPickBass	0	113	35	Cool!
	ElectricBass	0	114	34	Cool!
	AcousticBass	0	112	33	Regular
	FretlessBass	0	112	36	Cool!
	SlapBass	0	112	37	Regular
	RockBass	0	114	35	Regular
	PunchyBass	0	117	39	Regular
	TB Bass	0	117	40	Regular
	AnalogBass	0	112	40	Regular
	SubBass	0	114	40	Regular
	HardBass	0	114	39	Regular
	MellowFinger	0	112	34	Regular
	Bass&Cymbal	0	114	33	Regular
	SuperFretless	0	113	36	Regular
	PickBass	0	112	35	Regular
	FusionBass	0	113	37	Regular
	ResoBass	0	112	39	Regular
	DrySynthBass	0	116	40	Regular
	80'sSynthBass	0	115	40	Regular
	HiQBass	0	113	39	Regular
	ClickBass	0	115	39	Regular
	FunkBass	0	112	38	Regular
	AcousticBass	8	0	17	MegaVoice
	ElectricBass	8	0	18	MegaVoice
	PickBass	8	0	19	MegaVoice
	FretlessBass	8	0	20	MegaVoice
	Saxophone	Saxophone	104	0	67
PopTenor		0	127	67	Sweet!
BalladTenor		0	126	67	Sweet!
JazzTenor		0	125	67	Sweet!
SaxSection		0	116	67	Live!
SopranoSax		0	113	65	Sweet!
AltoSax		0	114	66	Sweet!
TenorSax		0	117	67	Sweet!
GrowlSax		0	111	67	Sweet!
SaxAppeal		0	123	67	Live!
SaxSectionSoft		0	121	67	Live!
SaxSectionHard		0	122	67	Live!
BalladSection		0	119	67	Regular
SaxyMood		0	120	67	Regular
Moonlight		0	115	72	Regular
GrowlSax		0	118	67	Regular
SopranoSax		0	112	65	Regular
AltoSax		0	112	66	Regular
TenorSax		0	112	67	Regular
BaritoneSax		0	112	68	Regular
WoodwindsEns		0	113	67	Regular
TenorSax		8	0	83	MegaVoice
Flute&Woodwind		Flute	0	114	74
	Clarinet	0	114	72	Sweet!
	Oboe	0	113	69	Sweet!
	EnglishHorn	0	112	70	Regular
	Bassoon	0	112	71	Regular
	PanFlute	0	113	76	Sweet!
	ClassicalFlute	0	115	74	Sweet!
	Nay	0	114	78	Regular
	Di Zi	0	118	74	Regular
	Sheng	0	116	110	Regular
	Piccolo	0	112	73	Regular
	Flute	0	112	74	Regular
	Clarinet	0	112	72	Regular
	Oboe	0	112	69	Regular
	FluteEnsemble	0	116	74	Regular
	Whistle	0	112	79	Regular
	Shakuhachi	0	112	78	Regular
	Bagpipe	0	112	110	Regular
	Recorder	0	112	75	Regular



## PSR-S710

Category	Voice Name	Voice Number			Voice Type	
		MSB	LSB	PRG		
Flute&Woodwind	Ocarina	0	112	80	Regular	
	PanFlute	0	113	74	Regular	
	EthnicFlute	0	112	76	Regular	
Organ	Organ	0	118	19	Cool!	
	JazzOrgan	0	117	17	Cool!	
	RotorOrgan	0	117	19	Cool!	
	FullRocker	0	115	19	Cool!	
	EuroOrgan	0	118	17	Regular	
	RotaryDrive	0	116	19	Regular	
	RockOrgan1	0	112	19	Regular	
	DanceOrgan	0	113	18	Regular	
	GospelOrgan	0	119	17	Regular	
	PurpleOrgan	0	114	19	Regular	
	JazzOrgan1	0	112	17	Regular	
	JazzOrgan2	0	113	17	Regular	
	JazzOrgan3	0	120	17	Regular	
	MellowDraw	0	115	18	Regular	
	BrightDraw	0	116	17	Regular	
	60'sOrgan	0	116	18	Regular	
	ElectricOrgan	0	118	18	Regular	
	DrawbarOrgan	0	115	17	Regular	
	ClickOrgan	0	112	18	Regular	
	RockOrgan2	0	113	19	Regular	
	ChapelOrgan1	0	113	20	Regular	
	ChapelOrgan2	0	114	20	Regular	
	ChapelOrgan3	0	115	20	Regular	
	Harmonium Double	0	114	21	Regular	
	Harmonium Triple	0	115	21	Regular	
	PipeOrgan	0	112	20	Regular	
	ReedOrgan	0	112	21	Regular	
	Tibia 16&4 Acmp	0	114	17	Regular	
	Tibia Full Acmp	0	114	18	Regular	
	Trumpet	GoldenTrumpet	0	122	57	Sweet!
		SilverTrumpet	0	121	57	Sweet!
		MellowTrumpet	0	120	57	Sweet!
		Trumpet	0	115	57	Sweet!
Trombone		0	117	58	Sweet!	
FlugelHorn		0	118	57	Sweet!	
MutedTrumpet		0	114	60	Sweet!	
SoloTrumpet		0	112	57	Regular	
SoloTrombone		0	112	58	Regular	
JazzTrumpet		0	116	57	Regular	
Trombone		0	116	58	Regular	
SoftTrombone		0	115	58	Regular	
MellowTrombone		0	114	58	Regular	
MutedTrumpet		0	112	60	Regular	
FlugelHorn		0	113	57	Regular	
BaritoneHorn		0	113	59	Regular	
BaritoneHit		0	114	59	Regular	
AlpBass		0	113	34	Regular	
Tuba		0	112	59	Regular	
Trumpet		8	0	65	MegaVoice	
Brass		HyperBrass	0	118	63	Live!
	PopBrass	0	117	63	Live!	
	OctaveBrass	0	116	63	Live!	
	FrenchHorns	0	112	61	Live!	
	BrassCombo	0	115	67	Regular	
	BrassSection	0	112	62	Regular	
	NaturalBrass	0	124	62	Regular	
	Storzando	0	125	62	Regular	
	BigBrass	0	121	62	Regular	
	BallroomBrass	0	113	60	Regular	
	BrightBrass	0	120	62	Regular	
	MellowBrass	0	116	62	Regular	
	80'sBrass	0	113	63	Regular	
	SoftBrass	0	123	62	Regular	
	FullHorns	0	114	62	Regular	
	SmoothTrombone	0	118	58	Regular	
	HighBrass	0	115	62	Regular	
	OberBrass	0	113	64	Regular	

Category	Voice Name	Voice Number			Voice Type	
		MSB	LSB	PRG		
Brass	TrumpetEns	0	122	62	Regular	
	MellowHorns	0	119	62	Regular	
	BigBandBrass	0	113	62	Regular	
	PopBrass	0	118	62	Regular	
	AnalogBrass	0	112	64	Regular	
	TbnSection	0	113	58	Regular	
	SmallBrass	0	117	62	Regular	
	SoftAnalog	0	114	64	Regular	
	FunkyAnalog	0	115	63	Regular	
	TechnoBrass	0	114	63	Regular	
	SynthBrass	0	112	63	Regular	
	Accordion	Musette	0	112	22	Regular
		TuttiAccordion	0	113	22	Regular
SmallAccordion		0	115	22	Regular	
BallroomAcc		0	112	24	Regular	
Steirisch		0	117	22	Regular	
Harmonica		0	112	23	Sweet!	
Accordion		0	116	22	Regular	
SoftAccordion		0	114	22	Regular	
Bandoneon		0	113	24	Regular	
ModernHarp		0	113	23	Regular	
BluesHarp		0	114	23	Regular	
Choir&Pad		GospelVoices	0	116	53	Regular
		HahChoir	0	114	53	Regular
	Choir	0	112	53	Regular	
	AirChoir	0	112	55	Regular	
	GothicVox	0	113	54	Regular	
	SweetHeaven	0	118	89	Regular	
	DreamHeaven	0	121	89	Regular	
	VoxHumana	0	112	54	Regular	
	Voices	0	113	55	Regular	
	Insomnia	0	113	95	Regular	
	Skydiver	0	112	102	Regular	
	BrightOber	0	113	96	Regular	
	Sirius	0	114	102	Regular	
	Messenger	0	116	96	Regular	
	MellowPad	0	117	96	Regular	
	NeoWarmPad	0	115	90	Regular	
	CyberPad	0	113	100	Regular	
	Wave2001	0	112	96	Regular	
	FarEast	0	112	98	Regular	
	Atmosphere	0	112	100	Regular	
	XenonPad	0	112	92	Regular	
	Equinox	0	112	95	Regular	
	GlassPad	0	114	94	Regular	
	Fantasia	0	112	89	Regular	
	DX Pad	0	112	93	Regular	
	Symbiont	0	113	89	Regular	
	Stargate	0	114	89	Regular	
	Area51	0	112	90	Regular	
	DarkMoon	0	113	90	Regular	
	Ionosphere	0	115	95	Regular	
	GoldenAge	0	115	89	Regular	
	Solaris	0	114	95	Regular	
	TimeTravel	0	116	89	Regular	
	Millennium	0	117	89	Regular	
	Dunes	0	114	90	Regular	
	Synth&FX	Oxygen	0	122	82	Regular
		Matrix	0	123	82	Regular
		WireLead	0	120	82	Regular
		HipLead	0	113	81	Regular
		HopLead	0	117	81	Regular
		FireWire	0	116	82	Regular
		Analogon	0	115	82	Regular
		Blaster	0	114	82	Regular
SawLead		0	112	82	Regular	
SquareLead		0	112	81	Regular	
Skyline		0	115	85	Regular	
TinyLead		0	118	81	Regular	
FunkyLead		0	121	82	Regular	

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Category	Voice Name	Voice Number			Voice Type	
		MSB	LSB	PRG		
Synth&FX	Paraglide	0	114	85	Regular	
	Fargo	0	119	82	Regular	
	Portatone	0	112	85	Regular	
	BigLead	0	113	82	Regular	
	Warp	0	117	82	Regular	
	Adrenaline	0	113	85	Regular	
	Stardust	0	112	99	Regular	
	AeroLead	0	112	84	Regular	
	MiniLead	0	114	81	Regular	
	Impact	0	113	88	Regular	
	SunBell	0	113	99	Regular	
	UnderHeim	0	112	88	Regular	
	HiBias	0	116	81	Regular	
	VinylLead	0	115	81	Regular	
Perc&Drum	Vibraphone	0	112	12	Regular	
	JazzVibes	0	113	12	Regular	
	Suspense	0	114	12	Regular	
	Marimba	0	112	13	Regular	
	Xylophone	0	112	14	Regular	
	SteelDrums	0	112	115	Regular	
	Celesta	0	112	9	Regular	
	Glockenspiel	0	112	10	Regular	
	MusicBox	0	112	11	Regular	
	TubularBells	0	112	15	Regular	
	Kalimba	0	112	109	Regular	
	Dulcimer	0	112	16	Regular	
	Timpani	0	112	48	Regular	
	PowerKit1	127	0	88	Drums	
	PowerKit2	127	0	89	Drums	
	StandardKit1	127	0	1	Drums	
	StandardKit2	127	0	2	Drums	
	BrushKit	127	0	41	Drums	
	SymphonyKit	127	0	49	Drums	
	StudioKit	127	0	87	Drums	
	DanceKit	127	0	28	Drums	
	AnalogKit	127	0	26	Drums	
	HitKit	127	0	5	Drums	
	CubanKit	126	0	41	SFX Kit	
	PopLatinKit	126	0	44	SFX Kit	
	ArabicKit1	126	0	37	SFX Kit	
	ArabicMixtureKit	126	0	65	SFX Kit	
	IndianKit	126	0	115	SFX Kit	
	ChineseKit	126	0	125	SFX Kit	
	ChineseMixtureKit	127	0	128	SFX Kit	
	JazzKit	127	0	33	Drums	
	RoomKit	127	0	9	Drums	
	RockKit	127	0	17	Drums	
	ElectroKit	127	0	25	Drums	
	ArabicKit2	126	0	36	SFX Kit	
	SFX Kit1	126	0	1	SFX Kit	
	SFX Kit2	126	0	2	SFX Kit	
	OrganFlutes	JazzDraw!	0	126	17	OrganFlutes
		BluesOrgan!	0	126	17	OrganFlutes
		SixteenOne!	0	126	17	OrganFlutes
EvenBars!		0	126	17	OrganFlutes	
PopOrgan!		0	126	17	OrganFlutes	
RockingOrg!		0	126	17	OrganFlutes	
Percussive!		0	126	17	OrganFlutes	
GospelOrg!		0	126	17	OrganFlutes	
PadOrgan!		0	126	17	OrganFlutes	
FullRanks!		0	126	17	OrganFlutes	

**GM & XG**

Category	Voice Name	Voice Number			Voice Type	
		MSB	LSB	PRG		
Piano	GrandPiano	0	0	1	Regular	
	GrndPianoKSP	0	1	1	Regular	
	MellowGrPno	0	18	1	Regular	
	PianoStrings	0	40	1	Regular	
	Dream	0	41	1	Regular	
	BrightPiano	0	0	2	Regular	
	BritePnoKSP	0	1	2	Regular	
	ElecGrandPno	0	0	3	Regular	
	ElecGrPnoKSP	0	1	3	Regular	
	DetunedCP80	0	32	3	Regular	
	LayeredCP1	0	40	3	Regular	
	LayeredCP2	0	41	3	Regular	
	Honkytonk	0	0	4	Regular	
	HonkytonkKSP	0	1	4	Regular	
	El.Piano1	0	0	5	Regular	
	EL.Piano1KSP	0	1	5	Regular	
	MellowEP1	0	18	5	Regular	
	ChorusEP1	0	32	5	Regular	
	HardEl.Piano	0	40	5	Regular	
	VXfadeEl.P1	0	45	5	Regular	
	60sEl.Piano1	0	64	5	Regular	
	EL.Piano2	0	0	6	Regular	
	El.Piano2KSP	0	1	6	Regular	
	ChorusEP2	0	32	6	Regular	
	DXEPHard	0	33	6	Regular	
	DXLegend	0	34	6	Regular	
	DXPhaseEP	0	40	6	Regular	
	DX+AnalogEP	0	41	6	Regular	
	DXKotoEP	0	42	6	Regular	
	VXfadeEl.P2	0	45	6	Regular	
	Harpsichord	0	0	7	Regular	
	Harpsi.KSP	0	1	7	Regular	
	Harpsichord2	0	25	7	Regular	
	Harpsichord3	0	35	7	Regular	
	Clavi.	0	0	8	Regular	
	Clavi.KSP	0	1	8	Regular	
	Clavi.Wah	0	27	8	Regular	
	PulseClavi.	0	64	8	Regular	
	PierceClavi.	0	65	8	Regular	
	ChromaticPerc	Celesta	0	0	9	Regular
		Glockenspiel	0	0	10	Regular
		MusicBox	0	0	11	Regular
		Orgel	0	64	11	Regular
		Vibraphone	0	0	12	Regular
		VibesKSP	0	1	12	Regular
		HardVibes	0	45	12	Regular
		Marimba	0	0	13	Regular
		MarimbaKSP	0	1	13	Regular
		SineMarimba	0	64	13	Regular
		Balimba	0	97	13	Regular
		LogDrums	0	98	13	Regular
		Xylophone	0	0	14	Regular
		TubularBells	0	0	15	Regular
		ChurchBells	0	96	15	Regular
		Carillon	0	97	15	Regular
		Dulcimer	0	0	16	Regular
		Dulcimer2	0	35	16	Regular
Cimbalom		0	96	16	Regular	
Santur		0	97	16	Regular	
Organ	DrawbarOrgan	0	0	17	Regular	
	DetDrawOrgan	0	32	17	Regular	
	60sDrawOrg1	0	33	17	Regular	
	60sDrawOrg2	0	34	17	Regular	
	70sDrawOrg1	0	35	17	Regular	
	DrawbarOrg2	0	36	17	Regular	
	60sDrawOrg3	0	37	17	Regular	
	EvenBarOrg	0	38	17	Regular	
	16+2'2_3Org	0	40	17	Regular	
	OrganBass	0	64	17	Regular	
	70sDrawOrg2	0	65	17	Regular	

## GM &amp; XG

Category	Voice Name	Voice Number			Voice Type	
		MSB	LSB	PRG		
Organ	CheezyOrgan	0	66	17	Regular	
	DrawbarOrg3	0	67	17	Regular	
	Perc.Organ	0	0	18	Regular	
	70sPercOrg1	0	24	18	Regular	
	DetPercOrgan	0	32	18	Regular	
	LightOrgan	0	33	18	Regular	
	Perc.Organ2	0	37	18	Regular	
	RockOrgan	0	0	19	Regular	
	RotaryOrgan	0	64	19	Regular	
	SlowRotary	0	65	19	Regular	
	FastRotary	0	66	19	Regular	
	ChurchOrgan	0	0	20	Regular	
	ChurchOrgan3	0	32	20	Regular	
	ChurchOrgan2	0	35	20	Regular	
	NotreDame	0	40	20	Regular	
	OrganFlute	0	64	20	Regular	
	Trem.OrganFl	0	65	20	Regular	
	ReedOrgan	0	0	21	Regular	
	PuffOrgan	0	40	21	Regular	
	Accordion	0	0	22	Regular	
	AccordIt	0	32	22	Regular	
	Harmonica	0	0	23	Regular	
	Harmonica2	0	32	23	Regular	
	TangoAccord	0	0	24	Regular	
	TangoAccord2	0	64	24	Regular	
	Guitar	NylonGuitar	0	0	25	Regular
		NylonGuitar2	0	16	25	Regular
		NylonGuitar3	0	25	25	Regular
VelGtrHarmo		0	43	25	Regular	
Ukulele		0	96	25	Regular	
SteelGuitar		0	0	26	Regular	
SteelGuitar2		0	16	26	Regular	
12StrGuitar		0	35	26	Regular	
Nylon&Steel		0	40	26	Regular	
Steel&Body		0	41	26	Regular	
Mandolin		0	96	26	Regular	
JazzGuitar		0	0	27	Regular	
MellowGuitar		0	18	27	Regular	
JazzAmp		0	32	27	Regular	
CleanGuitar		0	0	28	Regular	
ChorusGuitar		0	32	28	Regular	
MutedGuitar		0	0	29	Regular	
FunkGuitar1		0	40	29	Regular	
MuteSteelGtr		0	41	29	Regular	
FunkGuitar2		0	43	29	Regular	
JazzMan		0	45	29	Regular	
Overdriven		0	0	30	Regular	
GuitarPinch		0	43	30	Regular	
Distortion		0	0	31	Regular	
FeedbackGtr		0	40	31	Regular	
FeedbackGtr2		0	41	31	Regular	
GtrHarmonics		0	0	32	Regular	
GtrFeedback		0	65	32	Regular	
GtrHarmonic2		0	66	32	Regular	
Bass		AcousticBass	0	0	33	Regular
		JazzRhythm	0	40	33	Regular
		VXUprghtBass	0	45	33	Regular
	FingerBass	0	0	34	Regular	
	FingerDark	0	18	34	Regular	
	FlangeBass	0	27	34	Regular	
	Bass&DistEG	0	40	34	Regular	
	FingerSlap	0	43	34	Regular	
	FingerBass2	0	45	34	Regular	
	Mod.Bass	0	65	34	Regular	
	PickBass	0	0	35	Regular	
	MutePickBass	0	28	35	Regular	
	FretlessBass	0	0	36	Regular	
	Fretless2	0	32	36	Regular	
	Fretless3	0	33	36	Regular	
	Fretless4	0	34	36	Regular	

Category	Voice Name	Voice Number			Voice Type	
		MSB	LSB	PRG		
Bass	Syn.Fretless	0	96	36	Regular	
	SmthFretless	0	97	36	Regular	
	SlapBass1	0	0	37	Regular	
	ResonantSlap	0	27	37	Regular	
	PunchThumb	0	32	37	Regular	
	SlapBass2	0	0	38	Regular	
	Velo.Sw.Slap	0	43	38	Regular	
	SynthBass1	0	0	39	Regular	
	SynBass1Dark	0	18	39	Regular	
	FastResoBass	0	20	39	Regular	
	AcidBass	0	24	39	Regular	
	ClaviBass	0	35	39	Regular	
	TechnoBass	0	40	39	Regular	
	Orbiter	0	64	39	Regular	
	SquareBass	0	65	39	Regular	
	RubberBass	0	66	39	Regular	
	Hammer	0	96	39	Regular	
	SynthBass2	0	0	40	Regular	
	MellowSyBass	0	6	40	Regular	
	SequenceBass	0	12	40	Regular	
	ClickSynBass	0	18	40	Regular	
	SynBass2Dark	0	19	40	Regular	
	SmoothSyBass	0	32	40	Regular	
	ModulrSyBass	0	40	40	Regular	
	DXBass	0	41	40	Regular	
	XWireBass	0	64	40	Regular	
	Strings	Violin	0	0	41	Regular
		SlwAtkViolin	0	8	41	Regular
		Viola	0	0	42	Regular
		Cello	0	0	43	Regular
		Contrabass	0	0	44	Regular
		Trem.Strings	0	0	45	Regular
SlwAtTremStr		0	8	45	Regular	
SuspenseStr		0	40	45	Regular	
PizzicatoStr		0	0	46	Regular	
Orch.Harp		0	0	47	Regular	
YangChin		0	40	47	Regular	
Timpani		0	0	48	Regular	
Ensemble		Strings1	0	0	49	Regular
		StereoStrngs	0	3	49	Regular
	SlwAtkStrngs	0	8	49	Regular	
	ArcoStrings	0	24	49	Regular	
	60'sStrings	0	35	49	Regular	
	Orchestra	0	40	49	Regular	
	Orchestra2	0	41	49	Regular	
	TremOrchestra	0	42	49	Regular	
	Velo.Strings	0	45	49	Regular	
	Strings2	0	0	50	Regular	
	S.SlowStrngs	0	3	50	Regular	
	LegatoStrngs	0	8	50	Regular	
	WarmStrings	0	40	50	Regular	
	Kingdom	0	41	50	Regular	
	70'sStrings	0	64	50	Regular	
	Strings3	0	65	50	Regular	
	SynStrings1	0	0	51	Regular	
	ResoStrings	0	27	51	Regular	
	SynStrings4	0	64	51	Regular	
	SynStrings5	0	65	51	Regular	
	SynStrings2	0	0	52	Regular	
	ChoirAahs	0	0	53	Regular	
	StereoChoir	0	3	53	Regular	
	ChoirAahs2	0	16	53	Regular	
	MellowChoir	0	32	53	Regular	
	ChoirStrings	0	40	53	Regular	
	VoiceOohs	0	0	54	Regular	
	SynthVoice	0	0	55	Regular	
	SynthVoice2	0	40	55	Regular	
	Choral	0	41	55	Regular	
	AnalogVoice	0	64	55	Regular	
	OrchestraHit	0	0	56	Regular	

**GM & XG**

Category	Voice Name	Voice Number			Voice Type	
		MSB	LSB	PRG		
Ensemble	OrchestrHit2	0	35	56	Regular	
	Impact	0	64	56	Regular	
Brass	Trumpet	0	0	57	Regular	
	Trumpet2	0	16	57	Regular	
	BriteTrumpet	0	17	57	Regular	
	WarmTrumpet	0	32	57	Regular	
	Trombone	0	0	58	Regular	
	Trombone2	0	18	58	Regular	
	Tuba	0	0	59	Regular	
	Tuba2	0	16	59	Regular	
	MutedTrumpet	0	0	60	Regular	
	FrenchHorn	0	0	61	Regular	
	Fr.HornSolo	0	6	61	Regular	
	FrenchHorn2	0	32	61	Regular	
	HornOrchestr	0	37	61	Regular	
	BrassSection	0	0	62	Regular	
	Tp&TbSection	0	35	62	Regular	
	BrassSect2	0	40	62	Regular	
	HighBrass	0	41	62	Regular	
	MellowBrass	0	42	62	Regular	
	SynthBrass1	0	0	63	Regular	
	QuackBrass	0	12	63	Regular	
	ResoSynBrass	0	20	63	Regular	
	PolyBrass	0	24	63	Regular	
	SynthBrass3	0	27	63	Regular	
	JumpBrass	0	32	63	Regular	
	AnaVelBrass1	0	45	63	Regular	
	AnalogBrass1	0	64	63	Regular	
	SynthBrass2	0	0	64	Regular	
	SoftBrass	0	18	64	Regular	
	SynthBrass4	0	40	64	Regular	
	ChoirBrass	0	41	64	Regular	
	AnaVelBrass2	0	45	64	Regular	
	AnalogBrass2	0	64	64	Regular	
Reed	SopranoSax	0	0	65	Regular	
	AltoSax	0	0	66	Regular	
	SaxSection	0	40	66	Regular	
	HyperAltoSax	0	43	66	Regular	
	TenorSax	0	0	67	Regular	
	BreathyTenor	0	40	67	Regular	
	SoftTenorSax	0	41	67	Regular	
	TenorSax2	0	64	67	Regular	
	BaritoneSax	0	0	68	Regular	
	Oboe	0	0	69	Regular	
	EnglishHorn	0	0	70	Regular	
	Bassoon	0	0	71	Regular	
	Clarinet	0	0	72	Regular	
	Pipe	Piccolo	0	0	73	Regular
		Flute	0	0	74	Regular
Recorder		0	0	75	Regular	
PanFlute		0	0	76	Regular	
BlownBottle		0	0	77	Regular	
Shakuhachi		0	0	78	Regular	
Whistle		0	0	79	Regular	
Ocarina		0	0	80	Regular	
Synth.Lead	SquareLead	0	0	81	Regular	
	SquareLead2	0	6	81	Regular	
	LMSquare	0	8	81	Regular	
	Hollow	0	18	81	Regular	
	Shroud	0	19	81	Regular	
	Mellow	0	64	81	Regular	
	SoloSine	0	65	81	Regular	
	SineLead	0	66	81	Regular	
	SawtoothLead	0	0	82	Regular	
	SawtoothLd2	0	6	82	Regular	
	ThickSaw	0	8	82	Regular	
	DynamicSaw	0	18	82	Regular	
	DigitalSaw	0	19	82	Regular	
	BigLead	0	20	82	Regular	
	HeavySynth	0	24	82	Regular	

Category	Voice Name	Voice Number			Voice Type	
		MSB	LSB	PRG		
Synth.Lead	WaspySynth	0	25	82	Regular	
	PulseSaw	0	40	82	Regular	
	Dr.Lead	0	41	82	Regular	
	VelocityLead	0	45	82	Regular	
	Seq.Analog	0	96	82	Regular	
	CalliopeLead	0	0	83	Regular	
	PureLead	0	65	83	Regular	
	ChiffLead	0	0	84	Regular	
	Rubby	0	64	84	Regular	
	CharangLead	0	0	85	Regular	
	DistortedLd	0	64	85	Regular	
	WireLead	0	65	85	Regular	
	VoiceLead	0	0	86	Regular	
	SynthAahs	0	24	86	Regular	
	VoxLead	0	64	86	Regular	
	FifthsLead	0	0	87	Regular	
	BigFive	0	35	87	Regular	
	Bass&Lead	0	0	88	Regular	
	Big&Low	0	16	88	Regular	
	Fat&Perky	0	64	88	Regular	
	SoftWhirl	0	65	88	Regular	
	Synth.Pad	NewAgePad	0	0	89	Regular
		Fantasy	0	64	89	Regular
		WarmPad	0	0	90	Regular
		ThickPad	0	16	90	Regular
		SoftPad	0	17	90	Regular
		SinePad	0	18	90	Regular
		HornPad	0	64	90	Regular
		RotaryStrngs	0	65	90	Regular
		PolySynthPad	0	0	91	Regular
		PolyPad80	0	64	91	Regular
		ClickPad	0	65	91	Regular
AnalogPad		0	66	91	Regular	
SquarePad		0	67	91	Regular	
ChoirPad		0	0	92	Regular	
Heaven		0	64	92	Regular	
Itopia		0	66	92	Regular	
CCPad		0	67	92	Regular	
BowedPad		0	0	93	Regular	
Glacier		0	64	93	Regular	
GlassPad		0	65	93	Regular	
MetallicPad		0	0	94	Regular	
TinePad		0	64	94	Regular	
PanPad		0	65	94	Regular	
HaloPad		0	0	95	Regular	
SweepPad		0	0	96	Regular	
Shwimmer		0	20	96	Regular	
Converge		0	27	96	Regular	
PolarPad		0	64	96	Regular	
Celestial		0	66	96	Regular	
Synth.Effect		Rain	0	0	97	Regular
		ClaviPad	0	45	97	Regular
		HarmoRain	0	64	97	Regular
	AfricanWind	0	65	97	Regular	
	Carib	0	66	97	Regular	
	SoundTrack	0	0	98	Regular	
	Prologue	0	27	98	Regular	
	Ancestral	0	64	98	Regular	
	Crystal	0	0	99	Regular	
	SynthDr.Comp	0	12	99	Regular	
	Popcorn	0	14	99	Regular	
	TinyBells	0	18	99	Regular	
	RoundGlocken	0	35	99	Regular	
	GlockenChime	0	40	99	Regular	
	ClearBells	0	41	99	Regular	
	ChorusBells	0	42	99	Regular	
	SynthMallet	0	64	99	Regular	
	SoftCrystal	0	65	99	Regular	
	LoudGlocken	0	66	99	Regular	
	ChristmasBel	0	67	99	Regular	

## GM &amp; XG

Category	Voice Name	Voice Number			Voice Type	
		MSB	LSB	PRG		
Synth.Effect	VibeBells	0	68	99	Regular	
	DigitalBells	0	69	99	Regular	
	AirBells	0	70	99	Regular	
	BellHarp	0	71	99	Regular	
	Gamelimba	0	72	99	Regular	
	Atmosphere	0	0	100	Regular	
	WarmAtmos.	0	18	100	Regular	
	HollwRelease	0	19	100	Regular	
	NylonElPiano	0	40	100	Regular	
	NylonHarp	0	64	100	Regular	
	HarpVox	0	65	100	Regular	
	Atmos.Pad	0	66	100	Regular	
	Planet	0	67	100	Regular	
	Brightness	0	0	101	Regular	
	FantasyBells	0	64	101	Regular	
	Smokey	0	96	101	Regular	
	Goblins	0	0	102	Regular	
	GoblinsSynth	0	64	102	Regular	
	Creeper	0	65	102	Regular	
	RingPad	0	66	102	Regular	
	Ritual	0	67	102	Regular	
	ToHeaven	0	68	102	Regular	
	Night	0	70	102	Regular	
	Glisten	0	71	102	Regular	
	BellChoir	0	96	102	Regular	
	Echoes	0	0	103	Regular	
	Echoes2	0	8	103	Regular	
	EchoPan	0	14	103	Regular	
	EchoBells	0	64	103	Regular	
	BigPan	0	65	103	Regular	
	SynthPiano	0	66	103	Regular	
	Creation	0	67	103	Regular	
	StarDust	0	68	103	Regular	
Reso&Panning	0	69	103	Regular		
Sci-Fi	0	0	104	Regular		
Starz	0	64	104	Regular		
Ethnic	Sitar	0	0	105	Regular	
	DetunedSitar	0	32	105	Regular	
	Sitar2	0	35	105	Regular	
	Tambra	0	96	105	Regular	
	Tamboura	0	97	105	Regular	
	Banjo	0	0	106	Regular	
	MutedBanjo	0	28	106	Regular	
	Rabab	0	96	106	Regular	
	Gopichant	0	97	106	Regular	
	Oud	0	98	106	Regular	
	Shamisen	0	0	107	Regular	
	Koto	0	0	108	Regular	
	Taisho-kin	0	96	108	Regular	
	Kanoon	0	97	108	Regular	
	Kalimba	0	0	109	Regular	
	Bagpipe	0	0	110	Regular	
	Fiddle	0	0	111	Regular	
	Shanai	0	0	112	Regular	
	Shanai2	0	64	112	Regular	
	Pungi	0	96	112	Regular	
	Hichiriki	0	97	112	Regular	
	Percussive	TinkleBell	0	0	113	Regular
		Bonang	0	96	113	Regular
Altair		0	97	113	Regular	
GamelanGongs		0	98	113	Regular	
StereoGamlan		0	99	113	Regular	
RamaCymbal		0	100	113	Regular	
AsianBells		0	101	113	Regular	
Agogo		0	0	114	Regular	
SteelDrums		0	0	115	Regular	
GlassPerc.		0	97	115	Regular	
ThaiBells		0	98	115	Regular	
Woodblock		0	0	116	Regular	
Castanets		0	96	116	Regular	

Category	Voice Name	Voice Number			Voice Type	
		MSB	LSB	PRG		
Percussive	TaikoDrum	0	0	117	Regular	
	GranCassa	0	96	117	Regular	
	MelodicTom	0	0	118	Regular	
	MelodicTom2	0	64	118	Regular	
	RealTom	0	65	118	Regular	
	RockTom	0	66	118	Regular	
	SynthDrum	0	0	119	Regular	
	AnalogTom	0	64	119	Regular	
	ElectroPerc.	0	65	119	Regular	
	Rev.Cymbal	0	0	120	Regular	
	Sound Effect	GtrFretNoise	0	0	121	Regular
		BreathNoise	0	0	122	Regular
		Seashore	0	0	123	Regular
		BirdTweet	0	0	124	Regular
		TelephonRing	0	0	125	Regular
		Helicopter	0	0	126	Regular
Applause		0	0	127	Regular	
Gunshot		0	0	128	Regular	
CuttingNoise		64	0	1	Regular	
CuttingNoiz2		64	0	2	Regular	
StringSlap		64	0	4	Regular	
Fl.KeyClick		64	0	17	Regular	
Shower		64	0	33	Regular	
Thunder		64	0	34	Regular	
Wind		64	0	35	Regular	
Stream		64	0	36	Regular	
Bubble		64	0	37	Regular	
Feed		64	0	38	Regular	
Dog		64	0	49	Regular	
Horse		64	0	50	Regular	
BirdTweet2		64	0	51	Regular	
Ghost		64	0	55	Regular	
Maou		64	0	56	Regular	
PhoneCall		64	0	65	Regular	
DoorSqueak		64	0	66	Regular	
DoorSlam		64	0	67	Regular	
ScratchCut		64	0	68	Regular	
ScratchSplit		64	0	69	Regular	
WindChime		64	0	70	Regular	
TelphonRing2		64	0	71	Regular	
CarEngineIgn		64	0	81	Regular	
CarTiresSqel		64	0	82	Regular	
CarPassing	64	0	83	Regular		
CarCrash	64	0	84	Regular		
Siren	64	0	85	Regular		
Train	64	0	86	Regular		
JetPlane	64	0	87	Regular		
Starship	64	0	88	Regular		
Burst	64	0	89	Regular		
RollrCoaster	64	0	90	Regular		
Submarine	64	0	91	Regular		
Laugh	64	0	97	Regular		
Scream	64	0	98	Regular		
Punch	64	0	99	Regular		
Heartbeat	64	0	100	Regular		
FootSteps	64	0	101	Regular		
MachineGun	64	0	113	Regular		
LaserGun	64	0	114	Regular		
Explosion	64	0	115	Regular		
Firework	64	0	116	Regular		

GM2

Category	Voice Name	Voice Number			Voice Type	
		MSB	LSB	PRG		
Piano	GrandPiano	121	0	1	Regular	
	GrandPianoW	121	1	1	Regular	
	GrandPianoD	121	2	1	Regular	
	BrightPiano	121	0	2	Regular	
	BrightPianoW	121	1	2	Regular	
	ElecGrandPno	121	0	3	Regular	
	ElecGrandPW	121	1	3	Regular	
	Honkytonk	121	0	4	Regular	
	HonkytonkW	121	1	4	Regular	
	El.Piano1	121	0	5	Regular	
	DetunedEP1	121	1	5	Regular	
	EP1VeloMix	121	2	5	Regular	
	60'sEl.Piano	121	3	5	Regular	
	El.Piano2	121	0	6	Regular	
	DetunedEP2	121	1	6	Regular	
	EP2VeloMix	121	2	6	Regular	
	EPLegend	121	3	6	Regular	
	EPPHase	121	4	6	Regular	
	Harpsichord	121	0	7	Regular	
	Harpsi.OctMx	121	1	7	Regular	
	HarpsichordW	121	2	7	Regular	
	Harpsi.KOff	121	3	7	Regular	
	Clavi.	121	0	8	Regular	
	PulseClavi.	121	1	8	Regular	
ChromaticPerc	Celesta	121	0	9	Regular	
	Glockenspiel	121	0	10	Regular	
	MusicBox	121	0	11	Regular	
	Vibraphone	121	0	12	Regular	
	VibraphoneW	121	1	12	Regular	
	Marimba	121	0	13	Regular	
	MarimbaW	121	1	13	Regular	
	Xylophone	121	0	14	Regular	
	TubularBells	121	0	15	Regular	
	ChurchBells	121	1	15	Regular	
	Carillon	121	2	15	Regular	
	Dulcimer	121	0	16	Regular	
	Organ	DrawbarOrgan	121	0	17	Regular
		DetDrawOrgan	121	1	17	Regular
It60'sOrgan		121	2	17	Regular	
DrawbarOrg2		121	3	17	Regular	
Perc.Organ		121	0	18	Regular	
DetPercOrgan		121	1	18	Regular	
Perc.Organ2		121	2	18	Regular	
RockOrgan		121	0	19	Regular	
ChurchOrgan		121	0	20	Regular	
ChrchOrgOctM		121	1	20	Regular	
DetChurchOrg		121	2	20	Regular	
ReedOrgan		121	0	21	Regular	
PuffOrgan		121	1	21	Regular	
Accordion		121	0	22	Regular	
Accordion2		121	1	22	Regular	
Harmonica		121	0	23	Regular	
TangoAccord	121	0	24	Regular		
Guitar	NylonGuitar	121	0	25	Regular	
	Ukulele	121	1	25	Regular	
	NylonGtrKOff	121	2	25	Regular	
	NylonGuitar2	121	3	25	Regular	
	SteelGuitar	121	0	26	Regular	
	12StrGuitar	121	1	26	Regular	
	Mandolin	121	2	26	Regular	
	Steel&Body	121	3	26	Regular	
	JazzGuitar	121	0	27	Regular	
	PedlSteelGtr	121	1	27	Regular	
	CleanGuitar	121	0	28	Regular	
	DetCleanGtr	121	1	28	Regular	
	MidToneGtr	121	2	28	Regular	
	MutedGuitar	121	0	29	Regular	
	FunkGuitar	121	1	29	Regular	
	MutedV-SwGtr	121	2	29	Regular	
	JazzMan	121	3	29	Regular	

Category	Voice Name	Voice Number			Voice Type	
		MSB	LSB	PRG		
Guitar	Overdriven	121	0	30	Regular	
	GuitarPinch	121	1	30	Regular	
	Distortion	121	0	31	Regular	
	FeedbackGtr	121	1	31	Regular	
	DstRhythmGtr	121	2	31	Regular	
	GtrHarmonics	121	0	32	Regular	
	GtrFeedback	121	1	32	Regular	
	Bass	AcousticBass	121	0	33	Regular
		FingerBass	121	0	34	Regular
FingerSlap		121	1	34	Regular	
PickBass		121	0	35	Regular	
FretlessBass		121	0	36	Regular	
SlapBass1		121	0	37	Regular	
SlapBass2		121	0	38	Regular	
SynthBass1		121	0	39	Regular	
WarmSyBass		121	1	39	Regular	
ResoSynhBass		121	2	39	Regular	
ClaviBass		121	3	39	Regular	
Hammer		121	4	39	Regular	
SynthBass2		121	0	40	Regular	
AttackBass		121	1	40	Regular	
RubberBass		121	2	40	Regular	
AttackPulse		121	3	40	Regular	
Strings		Violin	121	0	41	Regular
		SlwAtkViolin	121	1	41	Regular
		Viola	121	0	42	Regular
	Cello	121	0	43	Regular	
	Contrabass	121	0	44	Regular	
	Trem.Strings	121	0	45	Regular	
	PizzicatoStr	121	0	46	Regular	
	Orch.Harp	121	0	47	Regular	
	YangChin	121	1	47	Regular	
	Timpani	121	0	48	Regular	
	Ensemble	Strings1	121	0	49	Regular
		StringsBrass	121	1	49	Regular
		60'sStrings	121	2	49	Regular
Strings2		121	0	50	Regular	
SynStrings1		121	0	51	Regular	
SynStrings3		121	1	51	Regular	
SynStrings2		121	0	52	Regular	
ChoirAahs		121	0	53	Regular	
ChoirAahs2		121	1	53	Regular	
VoiceOohs		121	0	54	Regular	
Humming		121	1	54	Regular	
SynthVoice		121	0	55	Regular	
AnalogVoice		121	1	55	Regular	
OrchestraHit		121	0	56	Regular	
BassHitPlus	121	1	56	Regular		
6thHit	121	2	56	Regular		
EuroHit	121	3	56	Regular		
Brass	Trumpet	121	0	57	Regular	
	DarkTpSoft	121	1	57	Regular	
	Trombone	121	0	58	Regular	
	Trombone2	121	1	58	Regular	
	BriteTrombon	121	2	58	Regular	
	Tuba	121	0	59	Regular	
	MutedTrumpet	121	0	60	Regular	
	MuteTrumpet2	121	1	60	Regular	
	FrenchHorn	121	0	61	Regular	
	FrenchHorn2	121	1	61	Regular	
	BrassSection	121	0	62	Regular	
	BrassSect2	121	1	62	Regular	
	SynthBrass1	121	0	63	Regular	
	SynthBrass3	121	1	63	Regular	
	AnaSynBrass1	121	2	63	Regular	
	JumpBrass	121	3	63	Regular	
	SynthBrass2	121	0	64	Regular	
	SynthBrass4	121	1	64	Regular	
	AnaSynBrass2	121	2	64	Regular	



## GM2

Category	Voice Name	Voice Number			Voice Type
		MSB	LSB	PRG	
Reed	SopranoSax	121	0	65	Regular
	AltoSax	121	0	66	Regular
	TenorSax	121	0	67	Regular
	BaritoneSax	121	0	68	Regular
	Oboe	121	0	69	Regular
	EnglishHorn	121	0	70	Regular
	Bassoon	121	0	71	Regular
	Clarinet	121	0	72	Regular
Pipe	Piccolo	121	0	73	Regular
	Flute	121	0	74	Regular
	Recorder	121	0	75	Regular
	PanFlute	121	0	76	Regular
	BlownBottle	121	0	77	Regular
	Shakuhachi	121	0	78	Regular
	Whistle	121	0	79	Regular
	Ocarina	121	0	80	Regular
Synth.Lead	SquareLead	121	0	81	Regular
	SquareLead2	121	1	81	Regular
	SineLead	121	2	81	Regular
	SawtoothLead	121	0	82	Regular
	SawtoothLd2	121	1	82	Regular
	SawPulseLead	121	2	82	Regular
	DoublSawLead	121	3	82	Regular
	Seq.Analog	121	4	82	Regular
	CalliopeLead	121	0	83	Regular
	ChiffLead	121	0	84	Regular
	CharangLead	121	0	85	Regular
	WireLead	121	1	85	Regular
	VoiceLead	121	0	86	Regular
	FifthsLead	121	0	87	Regular
Bass&Lead	121	0	88	Regular	
SoftWhirl	121	1	88	Regular	
Synth.Pad	NewAgePad	121	0	89	Regular
	WarmPad	121	0	90	Regular
	SinePad	121	1	90	Regular
	PolySynthPad	121	0	91	Regular
	ChoirPad	121	0	92	Regular
	ItopiaPad	121	1	92	Regular
	BowedPad	121	0	93	Regular
	MetallicPad	121	0	94	Regular
	HaloPad	121	0	95	Regular
	SweepPad	121	0	96	Regular
Synth.Effect	Rain	121	0	97	Regular
	SoundTrack	121	0	98	Regular
	Crystal	121	0	99	Regular
	SynthMallet	121	1	99	Regular
	Atmosphere	121	0	100	Regular
	Brightness	121	0	101	Regular
	Goblins	121	0	102	Regular
	Echoes	121	0	103	Regular
	EchoBell	121	1	103	Regular
	EchoPan	121	2	103	Regular
	Sci-Fi	121	0	104	Regular
Ethnic	Sitar	121	0	105	Regular
	Sitar2	121	1	105	Regular
	Banjo	121	0	106	Regular
	Shamisen	121	0	107	Regular
	Koto	121	0	108	Regular
	TaishoKoto	121	1	108	Regular
	Kalimba	121	0	109	Regular
	Bagpipe	121	0	110	Regular
	Fiddle	121	0	111	Regular
	Shanai	121	0	112	Regular
	Percussive	TinkleBell	121	0	113
Agogo		121	0	114	Regular
SteelDrums		121	0	115	Regular
Woodblock		121	0	116	Regular
Castanets		121	1	116	Regular
TaikoDrum		121	0	117	Regular
ConcertBD		121	1	117	Regular

Category	Voice Name	Voice Number			Voice Type
		MSB	LSB	PRG	
Percussive	MelodicTom	121	0	118	Regular
	MelodicTom2	121	1	118	Regular
	SynthDrum	121	0	119	Regular
	RhythmBoxTom	121	1	119	Regular
	ElectricDrum	121	2	119	Regular
	Rev.Cymbal	121	0	120	Regular
	SoundEffect	GtrFretNoise	121	0	121
GtrCutNoise		121	1	121	Regular
StringSlap		121	2	121	Regular
BreathNoise		121	0	122	Regular
Fl.KeyClick		121	1	122	Regular
Seashore		121	0	123	Regular
Rain		121	1	123	Regular
Thunder		121	2	123	Regular
Wind		121	3	123	Regular
Stream		121	4	123	Regular
Bubble		121	5	123	Regular
BirdTweet		121	0	124	Regular
Dog		121	1	124	Regular
HorseGallop		121	2	124	Regular
BirdTweet2		121	3	124	Regular
TelephonRing		121	0	125	Regular
TelRing2		121	1	125	Regular
DoorCreaking		121	2	125	Regular
Door		121	3	125	Regular
Scratch		121	4	125	Regular
WindChime		121	5	125	Regular
Helicopter		121	0	126	Regular
CarEngine		121	1	126	Regular
CarStop		121	2	126	Regular
CarPass		121	3	126	Regular
CarCrash		121	4	126	Regular
Siren		121	5	126	Regular
Train		121	6	126	Regular
Jetplane		121	7	126	Regular
Starship		121	8	126	Regular
BurstNoise		121	9	126	Regular
Applause		121	0	127	Regular
Laughing		121	1	127	Regular
Screaming		121	2	127	Regular
Punch	121	3	127	Regular	
HeartBeat	121	4	127	Regular	
Footsteps	121	5	127	Regular	
Gunshot	121	0	128	Regular	
MachineGun	121	1	128	Regular	
Lasergun	121	2	128	Regular	
Explosion	121	3	128	Regular	
StandardSet	120	0	1	Drums	
RoomSet	120	0	9	Drums	
PowerSet	120	0	17	Drums	
ElectroSet	120	0	25	Drums	
AnalogSet	120	0	26	Drums	
JazzSet	120	0	33	Drums	
BrushSet	120	0	41	Drums	
OrchestraSet	120	0	49	Drums	
SFXSet	120	0	57	SFX Kit	



# Mega Voice Map / Sound-Zuordnungen der Mega Voices / Carte des voix Mega / Mapa de Mega Voice

	Mega NylonGuitar	Mega SteelGuitar	Mega HiStringGtr	Mega 12StringGtr
PSR-S910	○	○	○	○
PSR-S710	○	○	○	○

MSB (0-127)	8			8			8			8			
LSB (0-127)	0			0			0			1			
PRG (0-127)	0			1			2			2			
PRG (1-128)	1			2			3			3			
Voice Name	Mega NylonGuitar			Mega SteelGuitar			Mega HiStringGtr			Mega 12StringGtr			
Key Range	below B5	above C6	above C8	below B5	above C6	above C8	below B5	above C6	above C8	below B5		above C6	above C8
									Element1 (Steel)		Element2 (HiString)		
127	127	127	127	127	127	127	127	127	127	127	127	127	127
120	<b>Harmonics</b>			<b>Harmonics</b>						<b>Hard</b>			
	121			121									
110	120			120						116			
100	<b>Slide</b>			<b>Slide</b>			<b>Hard</b>						
	106			106						115			
90	<b>Hammer</b>			<b>Hammer</b>						<b>Medium</b>			
	105			105									
80	91			91			90						
	90			90			89				90		
70	<b>Mute</b>			<b>Mute</b>									
	76			76									
60	75			75						72			
	<b>Dead</b>			<b>Dead</b>						71			
50	61	<b>Strum Noise</b>	<b>Fret Noise</b>	61	<b>Strum Noise</b>	<b>Fret Noise</b>						<b>Strum Noise</b>	<b>Fret Noise</b>
	60			60									
40	<b>Open Hard</b>			<b>Open Hard</b>			<b>Soft</b>						
	41			41									
30	40			40									
	<b>Open Medium</b>			<b>Open Medium</b>						<b>Soft</b>			
20	21			21									
	20			20									
10	<b>Open Soft</b>			<b>Open Soft</b>									
	1			1									
1	1	1	1	1	1	1	1	1	1	1	1	1	1

Mega Voices indicated by a circle (O) in the chart are included in the corresponding instrument(s).

: No Sound

Mega Voice Map / Sound-Zuordnungen der Mega Voices / Carte des voix Mega / Mapa de Mega Voice

	Mega CleanGuitar	Mega SolidGuitar1	Mega SolidGuitar2	Mega OverdriveGtr	Mega DistortionGtr
PSR-S910	○	○	○	○	○
PSR-S710	○	○	○	○	○

MSB (0-127)	8			8			8			8			8		
LSB (0-127)	0			1			2			0			0		
PRG (0-127)	3			3			3			4			5		
PRG (1-128)	4			4			4			5			6		
Voice Name	Mega CleanGuitar			Mega SolidGuitar1			Mega SolidGuitar2			Mega OverdriveGtr			Mega DistortionGtr		
Key Range	below B5	above C6	above C8	below B5	above C6	above C8	below B5	above C6	above C8	below B5	above C6	above C8	below B5	above C6	above C8
127	127 Pick Harmonics	127	127	127 Pick Harmonics	127	127	127 Pick Harmonics	127	127	127	127 Pick Harmonics	127		127 Pick Harmonics	127
120	121 120			121 120			121 120				121 120			121 120	
110	Slide			Slide			Slide								
100	106 105 Hammer			106 105 Hammer			106 105 Hammer								
90	91 90 Mute			91 90 Mute			91 90 Mute				Mute			Mute	
80	76 75			76 75			76 75								
70	Dead			Dead			Dead								
60	61 60	Strum Noise	Fret Noise	61 60	Strum Noise	Fret Noise	61 60	Strum Noise	Fret Noise		EFX			61 60	EFX
50	Slap			Slap			Open Hard				56 55			56 55	
40	41 40 Open Hard			41 40 Open Hard			41 40 Open Medium							41 40 Open	
30															
20	21 20 Open Soft			21 20 Open Soft			21 20 Open Soft							21 20 Open	
10															
1	1	1	1	1	1	1	1	1	1	1	1		1	1	

Mega Voices indicated by a circle (O) in the chart are included in the corresponding instrument(s).

 : No Sound

Mega Voice Map / Sound-Zuordnungen der Mega Voices / Carte des voix Mega / Mapa de Mega Voice

	Mega AcousticBass	Mega ElectricBass	Mega PickBass	Mega FretlessBass	Mega SmallStrings
PSR-S910	○	○	○	○	○
PSR-S710	○	○	○	○	—

MSB (0-127)	8			8			8			8			8		
LSB (0-127)	0			0			0			0			0		
PRG (0-127)	16			17			18			19			48		
PRG (1-128)	17			18			19			20			49		
Voice Name	Mega AcousticBass			Mega ElectricBass			Mega PickBass			Mega FretlessBass			Mega SmallStrings		
Key Range	below B5	above C6	above C8	below B5	above C6	above C8	below B5	above C6	above C8	below B5	above C6	above C8	below B5	above C6	above C8
127	127	127		127	127		127	127		127	127		127		
	<b>Harmonics</b>			<b>Slap</b>			<b>Harmonics</b>			<b>Harmonics</b>			<b>Glissando Down</b>		
120	121			121			121			121			121		
	120			120			120			120			120		
													<b>Tremolo</b>		
110													111		
													110		
															<b>Spicato ff</b>
100	<b>Dead</b>			<b>Dead</b>			<b>Dead</b>			<b>Dead</b>					
													96		
90													95		
															<b>Spicato f</b>
80	81			81			81			81			81		
	80			80			80			80			80		
															<b>Legato</b>
70	<b>Open Hard</b>			<b>Open Hard</b>											
		<b>EFX</b>			<b>EFX</b>			<b>EFX</b>			<b>EFX</b>				
60	61			61			<b>Mute</b>						61		
	60			60									60		
															<b>f</b>
50															
40							41						41		
							40			<b>Open</b>			40		
															<b>mf</b>
30	<b>Open Soft</b>			<b>Open Soft</b>											
20													21		
													20		
															<b>p</b>
10															
1	1	1		1	1		1	1		1	1		1		

Mega Voices indicated by a circle (O) in the chart are included in the corresponding instrument(s).

: No Sound

Mega Voice Map / Sound-Zuordnungen der Mega Voices / Carte des voix Mega / Mapa de Mega Voice

	Mega LargeStrings	Mega Brass	Mega Trumpet	Mega TenorSax
PSR-S910	○	○	○	○
PSR-S710	—	—	○	○

MSB (0-127)	8			8			8			8		
LSB (0-127)	0			0			0			0		
PRG (0-127)	49			56			64			82		
PRG (1-128)	50			57			65			83		
Voice Name	Mega LargeStrings			Mega Brass			Mega Trumpet			Mega TenorSax		
Key Range	below B5	above C6	above C8	below B5	above C6	above C8	below B5	above C6	above C8	below B5	above C6	above C8
127	127 Glissando Down			127 Glissando Up			127 Glissando Up	127	127	127	127	127
120	121 120 Tremolo			121 120 Falls Fast f			121 120 Falls				Falls	
110	111 110 Spicato ff			111 110 Falls Fast mf			111 110 Shake					
100	96 95 Spicato f			101 100 Shake			101 100 Straight				101 100 Growl	
80	81 80 Legato			81 80 Attack			81 80 Legato				81 80 Legato	Valve Noise (C6-B6 Key On Noise, C7-B7 Key Off Noise)
60	61 60 f			61 60 f			61 60 ff	Valve Noise	Breath Noise		61 60 f	Breath Noise
40	41 40 mf			41 40 mf			41 40 f				41 40 mf	
20	21 20 p			21 20 p			21 20 mf				21 20 mp	
1	1			1			1	1	1	1	1	1

Mega Voices indicated by a circle (O) in the chart are included in the corresponding instrument(s).

 : No Sound

# Drum/key Assignment List / Liste der Tastenzuordnungen der Schlaginstrumente / Liste d'assignation instrument de batterie/touche du clavier / Lista de asignación de teclas/batería

## Panel Drum Kit/XG Drum Kit

	Standard Kit 1	Standard Kit 2	Hit Kit	Room Kit	Rock Kit	Electro Kit
PSR-S910 (*1)	○	○	○	○	○	○
PSR-S710 (*1)	○	○	○	○	○	○

Bank Select MSB (0-127)					127	127	127	127	127	127
Bank Select LSB (0-127)					0	0	0	0	0	0
Program Change (0-127)					0	1	4	8	16	24
Program Change (1-128)					1	2	5	9	17	25
MIDI	Keyboard	Key	Alternate		Standard Kit 1	Standard Kit 2	Hit Kit	Room Kit	Rock Kit	Electro Kit
Note#	Note	Note	Off	Group						
			(*2)	(*3)						
13	C#-1	C#0		3	Surdo Mute					
14	D-1	D0		3	Surdo Open					
15	D#-1	D#0			Hi Q					
16	E-1	E0			Whip Slap					
17	F-1	F0		4	Scratch H					
18	F#-1	F#0		4	Scratch L					
19	G-1	G0			Finger Snap					
20	G#-1	G#0			Click Noise					
21	A-1	A0			Metronome Click					
22	A#-1	A#0			Metronome Bell					
23	B-1	B0			Seq Click L					
24	C0	C1			Seq Click H					
25	C#0	C#1			Brush Tap					
26	D0	D1	●		Brush Swirl					
27	D#0	D#1			Brush Slap					
28	E0	E1	●		Brush Tap Swirl					Reverse Cymbal
29	F0	F1	●		Snare Roll					
30	F#0	F#1			Castanet					Hi Q 2
31	G0	G1			Snare Soft	Snare Soft 2	Snare Electro		Snare Noisy	Snare Snappy Electro
32	G#0	G#1			Sticks					
33	A0	A1			Kick Soft		Kick Tight L			Kick 3
34	A#0	A#1			Open Rim Shot	Open Rim Shot H Short	Snare Pitched			
35	B0	B1			Kick Tight		Kick Wet	Kick 2		Kick Gate
36	C1	C2			Kick	Kick Short	Kick Tight H	Kick Gate		Kick Gate Heavy
37	C#1	C#2			Side Stick	Side Stick Light	Stick Ambient			
38	D1	D2			Snare	Snare Short	Snare Ambient	Snare Snappy	Snare Rock	Snare Noisy 2
39	D#1	D#2			Hand Clap					
40	E1	E2			Snare Tight	Snare Tight H	Snare Tight 2	Snare Tight Snappy	Snare Rock Tight	Snare Noisy 3
41	F1	F2			Floor Tom L		Hybrid Tom 1	Tom Room 1	Tom Rock 1	Tom Electro 1
42	F#1	F#2		1	Hi-Hat Closed		Hi-Hat Closed 2			
43	G1	G2			Floor Tom H		Hybrid Tom 2	Tom Room 2	Tom Rock 2	Tom Electro 2
44	G#1	G#2		1	Hi-Hat Pedal		Hi-Hat Pedal 2			
45	A1	A2			Low Tom		Hybrid Tom 3	Tom Room 3	Tom Rock 3	Tom Electro 3
46	A#1	A#2		1	Hi-Hat Open		Hi-Hat Open 2			
47	B1	B2			Mid Tom L		Hybrid Tom 4	Tom Room 4	Tom Rock 4	Tom Electro 4
48	C2	C3			Mid Tom H		Hybrid Tom 5	Tom Room 5	Tom Rock 5	Tom Electro 5
49	C#2	C#3			Crash Cymbal 1					
50	D2	D3			High Tom		Hybrid Tom 6	Tom Room 6	Tom Rock 6	Tom Electro 6
51	D#2	D#3			Ride Cymbal 1					
52	E2	E3			Chinese Cymbal					
53	F2	F3			Ride Cymbal Cup					
54	F#2	F#3			Tambourine		Tambourine Light			
55	G2	G3			Splash Cymbal					
56	G#2	G#3			Cowbell					
57	A2	A3			Crash Cymbal 2					
58	A#2	A#3			Vibraslap					
59	B2	B3			Ride Cymbal 2					
60	C3	C4			Bongo H					
61	C#3	C#4			Bongo L					
62	D3	D4			Conga H Mute					
63	D#3	D#4			Conga H Open					
64	E3	E4			Conga L					
65	F3	F4			Timbale H					
66	F#3	F#4			Timbale L					
67	G3	G4			Agogo H					
68	G#3	G#4			Agogo L					
69	A3	A4			Cabasa					
70	A#3	A#4			Maracas					
71	B3	B4	●		Samba Whistle H					
72	C4	C5	●		Samba Whistle L					
73	C#4	C#5			Guiro Short					
74	D4	D5	●		Guiro Long					
75	D#4	D#5			Claves					
76	E4	E5			Wood Block H					
77	F4	F5			Wood Block L					
78	F#4	F#5			Cuica Mute					Scratch H 2
79	G4	G5			Cuica Open					Scratch L 2
80	G#4	G#5		2	Triangle Mute					
81	A4	A5		2	Triangle Open					
82	A#4	A#5			Shaker					
83	B4	B5			Jingle Bells					
84	C5	C6			Bell Tree					
85	C#5	(C#6)								
86	D5	(D6)								
87	D#5	(D#6)								
88	E5	(E6)								
89	F5	(F6)								
90	F#5	(F#6)								
91	G5	(G6)								

\*1 Drum Kits indicated by a circle (O) in the chart are included in the corresponding instrument(s).

\*2 Key Off: Keys marked ● stop sounding the instant they are released.

\*3 Alternate Group: Playing any instrument within a numbered group will immediately stop the sound of any other instrument in the same group of the same number.

Same as Standard Kit 1      No Sound

Drum/key Assignment List / Liste der Tastenzuordnungen der Schlaginstrumente / Liste d'assignation instrument de batterie/touche du clavier / Lista de asignación de teclas/batería

	Analog Kit	Dance Kit	Jazz Kit	Brush Kit	Symphony Kit
PSR-S910 (*1)	○	○	○	○	○
PSR-S710 (*1)	○	○	○	○	○

Bank Select MSB (0-127)					127	127	127	127	127
Bank Select LSB (0-127)					0	0	0	0	0
Program Change (0-127)					25	27	32	40	48
Program Change (1-128)					26	28	33	41	49
MIDI	Keyboard	Key	Alternate		Analog Kit	Dance Kit	Jazz Kit	Brush Kit	Symphony Kit
Note#	Note	Note	Off	Group					
			(*2)	(*3)					
13	C#-1	C#0		3		Kick Dance 1			
14	D-1	D0		3		Kick Dance 2			
15	D#-1	D#0							
16	E-1	E0							
17	F-1	F0		4		Scratch Dance 1			
18	F#-1	F#0		4		Scratch Dance 2			
19	G-1	G0							
20	G#-1	G#0							
21	A-1	A0				Dance Perc 1			
22	A#-1	A#0				Reverse Dance 1			
23	B-1	B0				Dance Perc 2			
24	C0	C1				Hi Q Dance 1			
25	C#0	C#1				Snare Analog 3			
26	D0	D1	●			Vinyl Noise			
27	D#0	D#1				Snare Analog 4			
28	E0	E1	●		Reverse Cymbal	Reverse Cymbal			
29	F0	F1	●			Reverse Dance 2			
30	F#0	F#1			Hi Q 2	Hi Q 2			
31	G0	G1			Snare Noisy 4	Snare Techno	Snare Jazz H	Brush Slap 2	
32	G#0	G#1				Snare Dance 1			
33	A0	A1			Kick 3	Kick Techno Q			Kick Soft 2
34	A#0	A#1				Rim Gate		Open Rim Shot Light	
35	B0	B1			Kick Analog Short	Kick Techno L			Gran Cassa
36	C1	C2			Kick Analog	Kick Techno	Kick Jazz	Kick Jazz	Gran Cassa Mute
37	C#1	C#2			Side Stick Analog	Side Stick Analog	Side Stick Light	Side Stick Light	
38	D1	D2			Snare Analog	Snare Clap	Snare Jazz L	Brush Slap 3	Band Snare
39	D#1	D#2				Dance Clap			
40	E1	E2			Snare Analog 2	Snare Dry	Snare Jazz M	Brush Tap 2	Band Snare 2
41	F1	F2			Tom Analog 1	Tom Analog 1		Tom Brush 1	
42	F#1	F#2		1	Hi-Hat Closed Analog	Hi-Hat Closed 3			
43	G1	G2			Tom Analog 2	Tom Analog 2		Tom Brush 2	
44	G#1	G#2		1	Hi-Hat Closed Analog 2	Hi-Hat Closed Analog 3			
45	A1	A2			Tom Analog 3	Tom Analog 3		Tom Brush 3	
46	A#1	A#2		1	Hi-Hat Open Analog	Hi-Hat Open 3			
47	B1	B2			Tom Analog 4	Tom Analog 4		Tom Brush 4	
48	C2	C3			Tom Analog 5	Tom Analog 5		Tom Brush 5	
49	C#2	C#3			Crash Analog	Crash Analog			Hand Cymbal
50	D2	D3			Tom Analog 6	Tom Analog 6		Tom Brush 6	
51	D#2	D#3							Hand Cymbal Short
52	E2	E3							
53	F2	F3							
54	F#2	F#3				Tambourine Analog			
55	G2	G3							
56	G#2	G#3			Cowbell Analog	Cowbell Dance			
57	A2	A3							Hand Cymbal 2
58	A#2	A#3				Vbraslap Analog			
59	B2	B3				Ride Analog			Hand Cymbal 2 Short
60	C3	C4				Bongo Analog H			
61	C#3	C#4				Bongo Analog L			
62	D3	D4			Conga Analog H	Conga Analog H			
63	D#3	D#4			Conga Analog M	Conga Analog M			
64	E3	E4			Conga Analog L	Conga Analog L			
65	F3	F4							
66	F#3	F#4							
67	G3	G4							
68	G#3	G#4							
69	A3	A4							
70	A#3	A#4			Maracas 2	Maracas 2			
71	B3	B4	●						
72	C4	C5	●						
73	C#4	C#5							
74	D4	D5	●						
75	D#4	D#5			Claves 2	Claves 2			
76	E4	E5				Dance Perc 3			
77	F4	F5				Dance Perc 4			
78	F#4	F#5			Scratch H 2	Dance Breath 1			
79	G4	G5			Scratch L 2	Dance Breath 2			
80	G#4	G#5		2					
81	A4	A5		2					
82	A#4	A#5							
83	B4	B5							
84	C5	C6							
85	C#5	(C#6)							
86	D5	(D6)							
87	D#5	(D#6)							
88	E5	(E6)							
89	F5	(F6)							
90	F#5	(F#6)							
91	G5	(G6)							

\*1 Drum Kits indicated by a circle (O) in the chart are included in the corresponding instrument(s).

\*2 Key Off: Keys marked ● stop sounding the instant they are released.

\*3 Alternate Group: Playing any instrument within a numbered group will immediately stop the sound of any other instrument in the same group of the same number.

Same as Standard Kit 1

No Sound

Drum/key Assignment List / Liste der Tastenzuordnungen der Schlaginstrumente / Liste d'assignation instrument de batterie/touche du clavier / Lista de asignación de teclas/batería

					HipHop Kit	Break Kit	AnalogT8 Kit	AnalogT9 Kit	Live! Studio Kit
PSR-S910 (*1)					○	○	○	○	○
PSR-S710 (*1)					—	—	—	—	○
Bank Select MSB (0-127)					127	127	127	127	127
Bank Select LSB (0-127)					0	0	0	0	0
Program Change (0-127)					56	57	58	59	86
Program Change (1-128)					57	58	59	60	87
MIDI	Keyboard	Key	Alternate		HipHop Kit	Break Kit	AnalogT8 Kit	AnalogT9 Kit	Live! Studio Kit
Note#	Note	Note	Off	Group					
			(*2)	(*3)					
13	C#-1	C#0		3					
14	D-1	D0		3					
15	D#-1	D#0							
16	E-1	E0							
17	F-1	F0		4					
18	F#-1	F#0		4					
19	G-1	G0			Hi-Hat Closed T8 2		Snare Hammer	Snare Drum&Bass 1	
20	G#-1	G#0			Tom T8 3	Snare Break 8	Kick ZapHard	Kick Break 2	
21	A-1	A0			Hi-Hat Open T8 2	Snare Break 9	Snare Garg L	Snare Distortion	
22	A#-1	A#0			Tom T8 6	Hi-Hat Closed Break 1	Kick TekPower	Kick TekPower	
23	B-1	B0			Crash T8	Hi-Hat Closed Break 2	Kick Silmy	Kick Distortion RM	
24	C0	C1			Triangle Mute	Kick Break Deep	Kick T8 1	Kick T9 2	
25	C#0	C#1			Triangle Open	Snare Hip	Snare Analog CR	Snare Analog CR	
26	D0	D1	●		Bell Tree	Snare Lo-Fi	Snare T8 4	Snare T9 5	
27	D#0	D#1			Tambourine RX5	Snare Clappy	Snare Clap Analog	Clap Analog Sm	
28	E0	E1	●		Tambourine RX5 2	Snare LdwH Mono	Snare T8 3	Snare T9 Gate	
29	F0	F1	●		Kick HipHop 9	Snare Rock Roll	Tom T8 5	Snare Rock Roll	
30	F#0	F#1			Hi-Hat Closed Tek	Snare Gate 1	Snare T8 5	Snare T9 3	
31	G0	G1			Kick Gate	Snare Mid	Kick T8 3	Snare T9 4	Snare Studio L
32	G#0	G#1			Hi-Hat Open Lo-Fi	Snare Break Rim	Snare T8 4	Snare T9 Gate	
33	A0	A1			Kick Gran Casa Open	Kick Break Heavy	Kick T8 2	Kick T9 4	Kick Amb H
34	A#0	A#1			Hi-Hat Reverse Drum&Bass	Snare Hip Rim 4	Snare T8 3	Snare T9 5	Open Rim Shot
35	B0	B1			Kick HipHop 1	Kick Break 2	T8 Kick Bass	Kick T9 1	Kick Amb L
36	C1	C2			Kick Analog CR	Kick Break 1	Kick T8 1	Kick T9 3	Kick Studio
37	C#1	C#2			Snare Analog Sm Rim	Snare Hip Rim 1	Snare T8 Rim	Snare T9 Rim	Side Stick
38	D1	D2			Snare HipHop 1	Snare Break 3	Snare T8 2	Snare T9 1	Snare Studio M
39	D#1	D#2			Snare Clappy	Snare Break 1	Clap T9	Clap T9	Hand Clap
40	E1	E2			Snare HipHop 2	Snare Break 2	Snare T8 1	Snare T9 2	Snare Studio L
41	F1	F2			Floor Tom L	Tom Break 1	Tom T8 1	Tom T9 1	
42	F#1	F#2		1	Hi-Hat Closed Hip	Hi-Hat Closed Rock Soft	Hi-Hat Closed T8 2	Hi-Hat Closed T9	
43	G1	G2			Low Tom	Tom Break 22	Tom T8 2	Tom T9 2	
44	G#1	G#2		1	Hi-Hat Pedal Hip	Hi-Hat Pedal Rock	Hi-Hat Open T8 1	Hi-Hat Pedal T9	
45	A1	A2			Mid Tom L	Tom Break 3	Tom T8 3	Tom T9 3	
46	A#1	A#2		1	Hi-Hat Open Hip	Hi-Hat Half Open Rock	Hi-Hat Open T8 1	Hi-Hat Open T9	
47	B1	B2			High Tom	Tom Break 4	Tom T8 4	Tom T9 4	
48	C2	C3			Ride Cymbal 3	Tom Break 5	Tom T8 6	Tom T9 5	
49	C#2	C#3			Crash Cymbal 3	Crash Cymbal 2	Crash T8	Crash T9	
50	D2	D3			Shaker 2	Tom Break 6	Tom T8 7	Tom T9 6	
51	D#2	D#3			Scratch Bass Drum Forward	Ride Cymbal 3	Ride T9	Ride T9	
52	E2	E3			Scratch Bass Drum Reverse	Chinese Cymbal 2	Chinese Cymbal 2	Chinese Cymbal 2	
53	F2	F3			Kick HipHop 2	Ride Cymbal Cup 2	Ride Cymbal Cup 2	Ride Cymbal Cup 2	
54	F#2	F#3			Snare HipHop Rim 2	Tambourine 1 Hit	Tambourine RX5	Tambourine RX5	
55	G2	G3			HipHop Clap 2	Crash Cymbal 3	Splash Cymbal	Crash Cymbal 3	
56	G#2	G#3			HipHop Snap 1	Cowbell 1	Cowbell T8	Cowbell 1	
57	A2	A3			Snare HipHop 3	Crash Cymbal 2	Crash Cymbal 4	Crash Cymbal 4	
58	A#2	A#3			Electric Clap 2	Cowbell RX11	Vibraslap	Cowbell T8	
59	B2	B3			Kick Hip Deep	Ride Cymbal 2	Ride Cymbal 3	Ride Cymbal 3	
60	C3	C4			Kick HipHop 3	Bongo H	Conga T8 5	Conga T8 5	
61	C#3	C#4			Snare HipHop Rim 3	Bongo L	Conga T8 4	Conga T8 4	
62	D3	D4			Snare HipHop 5	Conga H Tip	Conga T8 3	Conga Tip	
63	D#3	D#4			Electric Clap 1	Conga H Open Slap	Conga T8 2	Conga Open Slap	
64	E3	E4			Handbell H	Conga H Open	Conga T8 1	Conga Open	
65	F3	F4			Kick HipHop 4	Bongo 2 H	Timbale H	Timbale H	
66	F#3	F#4			HipHop Clap 3	Bongo 2 L	Timbale L	Timbale L	
67	G3	G4			HipHop Snap 2	Conga Open	Glass H	Analog Click	
68	G#3	G#4			Snare HipHop Rim 5	Agogo L	Glass L	Conga T8 1	
69	A3	A4			HipHop flex 1	Cabasa	Cabasa	Cabasa	
70	A#3	A#4			HipHop flex 2	Maracas Slur	Maracas T8	Maracas Slur	
71	B3	B4	●		Shaker 2	Timbale H	FxGun 2	FxGun 2	
72	C4	C5	●		Kick HipHop 5	Timbale L	FxGun 1	FxGun 1	
73	C#4	C#5			Snare HipHop Rim 4	Scratch H 2	Analog Shaker H	Scratch H 2	
74	D4	D5	●		Snare HipHop 6	Scratch Down	Analog Shaker L	Scratch Down	
75	D#4	D#5			Snare HipHop 11	Clave	Clave T8	Hi Q 3	
76	E4	E5			Kick HipHop 10	Wood Block H	Hi Q 1	Hi Q 1	
77	F4	F5			Snare HipHop 7	Wood Block L	Hi Q 2	Hi Q 2	
78	F#4	F#5			HipHop Clap 5	Scratch L	Scratch L	Scratch L	
79	G4	G5			Conga H Tip	Scratch L 2	Scratch L 2	Scratch L 2	
80	G#4	G#5		2	Conga H Heel	Triangle Mute	Triangle Mute	Triangle Mute	
81	A4	A5		2	Conga H Open	Triangle Open	Triangle Open	Triangle Open	
82	A#4	A#5			Conga L Open 1	Kick Break 3	Analog Shaker	Analog Shaker	
83	B4	B5			Conga L Open 2	Kick Break 4	Sleigh Bell	Sleigh Bell	
84	C5	C6			Kick HipHop 8	Kick Break 5	Bell Tree	Bell Tree	Bell Tree
85	C#5	(C#6)			HipHop Clap 6	Kick Break 6	Snare Hip 1	Snare Piccolo	
86	D5	(D6)			Snare T8 1	Kick Break 7	Snare Hip 2	Snare T8 5	
87	D#5	(D#6)			Snare T8 1 H	Hi-Hat Closed Break 3	Snare Hip Gate	Snare Rock Roll Distortion	
88	E5	(E6)			HipHop Clap 7	Snare Break 4	Snare Break 1	Snare Brush Mute	
89	F5	(F6)			Tom T8 1	Snare Break 5	Kick Blip	Kick Blip Hard	
90	F#5	(F#6)			Hi-Hat Closed T8 2	Snare Break 6	Snare FX 1	Snare Jungle 1	
91	G5	(G6)			Tom T8 2	Snare Break 7	Kick FxHammer	Kick Sustain	

\*1 Drum Kits indicated by a circle (O) in the chart are included in the corresponding instrument(s).

\*2 Key Off: Keys marked ● stop sounding the instant they are released.

\*3 Alternate Group: Playing any instrument within a numbered group will immediately stop the sound of any other instrument in the same group of the same number.

Same as Standard Kit 1      No Sound



Drum/key Assignment List / Liste der Tastenzuordnungen der Schlaginstrumente / Liste d'assignation instrument de batterie/touche du clavier / Lista de asignación de teclas/batería

	<b>Power Kit 1</b>	<b>Power Kit 2</b>
<b>PSR-S910 (*1)</b>	○	○
<b>PSR-S710 (*1)</b>	○	○

<b>Bank Select MSB (0-127)</b>					<b>127</b>	<b>127</b>
<b>Bank Select LSB (0-127)</b>					<b>0</b>	<b>0</b>
<b>Program Change (0-127)</b>					<b>87</b>	<b>88</b>
<b>Program Change (1-128)</b>					<b>88</b>	<b>89</b>
<b>MIDI</b>		<b>Keyboard Note</b>	<b>Key Off (*2)</b>	<b>Alternate Group (*3)</b>	<b>Power Kit 1</b>	<b>Power Kit 2</b>
<b>Note#</b>	<b>Note</b>					
13	C#-1	C#0		3		
14	D-1	D0		3		
15	D#-1	D#0				
16	E-1	E0				
17	F-1	F0		4		
18	F#-1	F#0		4		
19	G-1	G0				
20	G#-1	G#0				
21	A-1	A0				
22	A#-1	A#0				
23	B-1	B0				
24	C0	C1				
25	C#0	C#1				
26	D0	D1	●			
27	D#0	D#1				
28	E0	E1	●			
29	F0	F1	●			
30	F#0	F#1				
31	G0	G1			Snare Soft Power 1	Snare Soft Power 2
32	G#0	G#1				
33	A0	A1			Kick Amb+	Kick Amb+
34	A#0	A#1			Open Rim Power 1	Open Rim Power 2
35	B0	B1			Kick Power Open	Kick Power Open
36	C1	C2			Kick Power Closed	Kick Power Closed
37	C#1	C#2			Side Stick Power	Side Stick Power
38	D1	D2			Snare Power	Snare Power Snappy
39	D#1	D#2			Hand Clap Power	Hand Clap Power
40	E1	E2			Snare Rough	Snare Loose
41	F1	F2			Tom Power 1	Tom Power 1
42	F#1	F#2		1	Hi-Hat Closed Power	Hi-Hat Closed Power+Edge
43	G1	G2			Tom Power 2	Tom Power 2
44	G#1	G#2		1	Hi-Hat Pedal Power	Hi-Hat Pedal Power
45	A1	A2			Tom Power 3	Tom Power 3
46	A#1	A#2		1	Hi-Hat Open Power	Hi-Hat Open Power
47	B1	B2			Tom Power 4	Tom Power 4
48	C2	C3			Tom Power 5	Tom Power 5
49	C#2	C#3			Crash Cymbal 1	Crash Cymbal 1
50	D2	D3			Tom Power 6	Tom Power 6
51	D#2	D#3			Ride Cymbal 1	Ride Cymbal 1
52	E2	E3			Chinese Cymbal	Chinese Cymbal
53	F2	F3			Ride Cymbal Cup	Ride Cymbal Cup
54	F#2	F#3				
55	G2	G3			Splash Cymbal	Splash Cymbal
56	G#2	G#3				
57	A2	A3			Crash Cymbal 2	Crash Cymbal 2
58	A#2	A#3				
59	B2	B3			Ride Cymbal 2	Ride Cymbal 2
60	C3	C4				
61	C#3	C#4				
62	D3	D4				
63	D#3	D#4				
64	E3	E4				
65	F3	F4				
66	F#3	F#4				
67	G3	G4				
68	G#3	G#4				
69	A3	A4				
70	A#3	A#4				
71	B3	B4	●			
72	C4	C5	●			
73	C#4	C#5				
74	D4	D5	●			
75	D#4	D#5				
76	E4	E5				
77	F4	F5				
78	F#4	F#5				
79	G4	G5				
80	G#4	G#5		2		
81	A4	A5		2		
82	A#4	A#5				
83	B4	B5				
84	C5	C6				
85	C#5	(C#6)				
86	D5	(D#6)				
87	D#5	(D#6)				
88	E5	(E6)				
89	F5	(F6)				
90	F#5	(F#6)				
91	G5	(G6)				

\*1 Drum Kits indicated by a circle (O) in the chart are included in the corresponding instrument(s).

\*2 Key Off: Keys marked "●" stop sounding the instant they are released.

\*3 Alternate Group: Playing any instrument within a numbered group will immediately stop the sound of any other instrument in the same group of the same number.

Same as Standard Kit 1      No Sound

Drum/key Assignment List / Liste der Tastenzuordnungen der Schlaginstrumente / Liste d'assignation instrument de batterie/touche du clavier / Lista de asignación de teclas/batería

	Arabic Kit	Arabic Kit 2	Arabic Mix Kit	Indian Kit	Chinese Kit
PSR-S910	○	○	○	○	○
PSR-S710	○	○	○	○	○

Bank Select MSB (0-127)			126	126	126	126	126
Bank Select LSB (0-127)			0	0	0	0	0
Program Change (0-127)			35	36	64	114	124
Program Change (1-128)			36	37	65	115	125
MIDI	Keyboard		Arabic Kit	Arabic Kit 2	Arabic Mix Kit	Indian Kit	Chinese Kit
Note#	Note	Note					
13	C#-1	C#0		Zarb Back mf	Conga Analog H		
14	D-1	D0		Zarb Tom f	Conga Analog M		
15	D#-1	D#0		Zarb Eshareh	Conga Analog L	Indian Hand Clap	
16	E-1	E0		Zarb Whipping	Vibraslap	Daffi Open	
17	F-1	F0		Tombak Tom f	Kick Techno L	Daffi Slap	
18	F#-1	F#0		Neghareh Tom f	Side Stick Arabic Mix	Daffi Rim	
19	G-1	G0		Tombak Back f	Snare Techno	Duff Open	
20	G#-1	G#0		Neghareh Back f	Guero Long	Duff Slap	
21	A-1	A0		Tombak Snap f	Kick Techno Q	Duff Rim	
22	A#-1	A#0		Neghareh Pelang f	Open Rim Shot	Hatheli Long	
23	B-1	B0		Tombak Trill	Funk Snare 2	Hatheli Short	Da Cha
24	C0	C1	Nakarazan Dom	Khaligi Clap 1	Kick Arabic Mix	Baya ge	Da Gu mp
25	C#0	C#1	Cabasa	Arabic Zalgouta Open	Funk Snare 1	Baya ke	Da Gu rim
26	D0	D1	Nakarazan Edge	Khaligi Clap 2	Snare Arabic Mix	Baya ghe	Da Gu f
27	D#0	D#1	Hager Dom	Arabic Zalgouta Close	Hand Clap	Baya ka	Da Gu hand
28	E0	E1	Hager Edge	Arabic Hand Clap	Snare	Tabla na	Da Gu roll
29	F0	F1	Bongo H	Tabel Tak 1	Tom Electro 1	Tabla tin	Pai Gu 4
30	F#0	F#1	Bongo L	Sagat 1	Hi-Hat Closed Arabic Mix	Tablabaya dha	Pai Gu 4 High
31	G0	G1	Conga H Mute	Tabel Dom	Tom Electro 2	Dhol 1 Open	Pai Gu 3
32	G#0	G#1	Conga H Open	Sagat 2	Hi-Hat Half Arabic Mix	Dhol 1 Slap	Pai Gu 3 High
33	A0	A1	Conga L	Tabel Tak 2	Tom Electro 3	Dhol 1 Mute	Pai Gu 2
34	A#0	A#1	Zagrouda H	Sagat 3	Hi-Hat Open Arabic Mix	Dhol 1 Open Slap	Pai Gu 2 High
35	B0	B1	Zagrouda L	Riq Tik 3	Tom Electro 4	Dhol 1 Roll	Pai Gu 1
36	C1	C2	Kick Soft	Riq Tik 2	Tom Electro 5	Dandia Short	Luo High 1
37	C#1	C#2		Riq Tik Hard 1	Crash Cymbal 1	Dandia Long	Gong batter
38	D1	D2	Snare Soft	Riq Tik 1	Tom Electro 6	Chutki	Jin Luo
39	D#1	D#2	Arabic Hand Clap	Riq Tik Hard 2	Hi-Hat Open 3	Chipri	Luo High 2
40	E1	E2	Snare	Riq Tik Hard 3	Reverse Cymbal	Khanjira Open	Luo Mid-Low
41	F1	F2		Riq Tish	Timbale L	Khanjira Slap	Luo
42	F#1	F#2		Riq Snouj 2	Conga H Open	Khanjira Mute	Jin Luo Low
43	G1	G2		Riq Roll	Timbale H	Khanjira Bendup	Da Cha
44	G#1	G#2		Riq Snouj 1	Conga H Mute	Khanjira Benddown	Da Cha effect
45	A1	A2		Riq Sak	Tambourine	Dholak 1 Open	Zhong Cha
46	A#1	A#2		Riq Snouj 3	Conga L	Dholak 1 Mute	Xiao Cha effect
47	B1	B2		Riq Snouj 4	Cowbell	Dholak 1 Slap	Xiao Cha
48	C2	C3		Riq Tak 1	Claves	Dhol 2 Open	Mang Luo Low
49	C#2	C#3		Riq Brass 1	Bongo H	Dhol 2 Slap	Mang Luo Mid
50	D2	D3		Riq Tak 2	Wood Block H	Dhol 2 Rim	Qing
51	D#2	D#3		Riq Brass 2	Bongo L	Mridangam na	Finger Bell
52	E2	E3	Crash Cymbal 2	Riq Dom	Wood Block L	Mridangam din	Luo big
53	F2	F3	Duhulla Dom	Katem Tak Doff	Kurdish Dohol Low f	Mridangam ki	Mu Yu Low
54	F#2	F#3		Katem Dom	Cabasa	Mridangam ta	Mu Yu Mid-Low
55	G2	G3	Duhulla Tak	Katem Sak 1	Kurdish Dohol High f	Mridangam Chapu	Mu Yu Mid
56	G#2	G#3		Katem Tak 1	Shaker	Mridangam Lo Closed	Mu Yu High
57	A2	A3	Duhulla Sak	Katem Sak 2	Snap 1	Mridangam Lo Open	Nan Bang Zi roll
58	A#2	A#3	Claves	Katem Tak 2	Maracas	Chimta Normal	Nan Bang Zi
59	B2	B3	Doff Dom	Daholla Sak 2	Snap 2	Chimta Ring	Ban Gu
60	C3	C4	Katem Dom	Daholla Sak 1	Khaligi Twaisat 3	Dholki Hi Open	Ban
61	C#3	C#4	Katem Tak	Daholla Tak 1	Khaligi Twaisat 1	Dholki Hi Mute	Ban Gu roll
62	D3	D4	Katem Sak	Daholla Dom	Khaligi Twaisat 2	Dholki Lo Open	Chinese Opera Voice 1
63	D#3	D#4	Katem Tak	Daholla Tak 2	Khaligi Twaisat 5 Open	Dholki Hi Slap	Chinese Opera Voice 2
64	E3	E4	Doff Tak	Tablah Prok	Khaligi Twaisat 4 Open	Dholki Lo Slide	Chinese Opera Voice 3
65	F3	F4	Tabla Dom	Tablah Dom 2	Khaligi Tablah Small Dom	Khol Open	Yun Luo F4
66	F#3	F#4	Tabla Tak1	Tablah Roll of Edge	Khaligi Tar Barashim Group Dom	Khol slide	Yun Luo F#4
67	G3	G4	Tabla Tik	Tablah Tak Finger 4	Khaligi Tablah Small Snap	Khol Mute	Yun Luo G4
68	G#3	G#4	Tabla Tak2	Tablah Tak Trill 1	Khaligi Tar Barashim Group Sak	Manjira Open	Yun Luo G#4
69	A3	A4	Tabla Sak	Tablah Tak Finger 3	Khaligi Tablah Small Sak	Manjira Close	Yun Luo A4
70	A#3	A#4	Tabla Roll of Edge	Tablah Tak Trill 2	Khaligi Tar Barashim Group Tak	Jhanji Open	Yun Luo A#4
71	B3	B4	Tabla Flam	Tablah Tak Finger 2	Khaligi Tablah Small Tik	Jhanji Close	Yun Luo B4
72	C4	C5	Sagat 1	Tablah Tak Finger 1	Khaligi Tablah Big Dom 1	Mondira Open	Yun Luo C5
73	C#4	C#5	Tabel Dom	Tablah Tik 2	Khaligi Tar Segal Dom	Mondira Close	Yun Luo C#5
74	D4	D5	Sagat 3	Tablah Tik 4	Khaligi Tablah Big Tak 1	Indian Bhangra Scat 1	Yun Luo D5
75	D#4	D#5	Tabel Tak	Tablah Tik 3	Khaligi Tar Segal Tak	Indian Bhangra Scat 2	Yun Luo D#5
76	E4	E5	Sagat 2	Tablah Tik 1	Khaligi Tablah Big Sak 1	Indian Bhangra Scat 3	Yun Luo E5
77	F4	F5	Rik Dom	Tablah Tak 3	Tablah Dom 1	indian Bhangra Scat 4	Yun Luo F5
78	F#4	F#5	Rik Tak 2	Tablah Tak 1	Tablah Tak 1	Khomokh Normal	Yun Luo F#5
79	G4	G5	Rik Finger 1	Tablah Tak 4	Tablah Tremolo	Khomokh Mute	Yun Luo G5
80	G#4	G#5	Rik Tak 1	Tablah Tak 2	Tablah Tak 2	Khomokh mlitak	Yun Luo G#5
81	A4	A5	Rik Finger 2	Tablah Sak 2	Tablah Tik 1	Thavil Open	Yun Luo A5
82	A#4	A#5	Rik Brass Tremolo	Tablah Tremolo	Tablah Sak 1	Thavil Slap	Yun Luo A#5
83	B4	B5	Rik Sak	Tablah Sak 1	Tablah Tik 3	Thavil Mute	Yun Luo B5
84	C5	C6	Rik Tik	Tablah Dom 1	Tablah Tik 2	Khartaal	Yun Luo C6
85	C#5	(C#6)				Dholak 2 Open	
86	D5	(D#6)				Dholak 2 Slide	
87	D#5	(D#6)				Dholak 2 Rim 1	
88	E5	(E6)				Dholak 2 Rim 2	
89	F5	(F#6)				Dholak 2 Ring	
90	F#5	(F#6)				Dholak 2 Slap	
91	G5	(G#6)					

\*1 Drum Kits indicated by a circle (O) in the chart are included in the corresponding instrument(s).

Same as Standard Kit 1      No Sound

Drum/key Assignment List / Liste der Tastenzuordnungen der Schlaginstrumente / Liste d'assignation instrument de batterie/touche du clavier / Lista de asignación de teclas/batería

	Chinese Mix Kit	SFX Kit 1*	SFX Kit 2*	Live! Cuban Kit	Live! PopLatin Kit
PSR-S910	○	○	○	○	○
PSR-S710	○	○	○	○	○

Bank Select MSB (0-127)			127	126	126	126	126
Bank Select LSB (0-127)			0	0	0	0	0
Program Change (0-127)			127	0	1	40	43
Program Change (1-128)			128	1	2	41	44
MIDI			Chinese Mix Kit	SFX Kit 1*	SFX Kit 2*	Live! Cuban Kit	Live! PopLatin Kit
Note#	Note	Keyboard Note					
13	C#-1	C#0					Cajon Low
14	D-1	D0					Cajon Slap
15	D#-1	D#0					Cajon Tip
16	E-1	E0					Claves High
17	F-1	F0					Claves Low
18	F#-1	F#0					Hand Clap
19	G-1	G0					
20	G#-1	G#0					Finger Snap
21	A-1	A0					Castanet
22	A#-1	A#0				Conga H Tip	Conga H Tip
23	B-1	B0				Conga H Heel	Conga H Heel
24	C0	C1				Conga H Open	Conga H Open
25	C#0	C#1				Conga H Mute	Conga H Mute
26	D0	D1				Conga H Slap Open	Conga H Slap Open
27	D#0	D#1				Conga H Slap	Conga H Slap
28	E0	E1				Conga H Slap Mute	Conga H Slap Mute
29	F0	F1				Conga L Tip	Conga L Tip
30	F#0	F#1				Conga L Heel	Conga L Heel
31	G0	G1				Conga L Open	Conga L Open
32	G#0	G#1				Conga L Mute	Conga L Mute
33	A0	A1				Conga L Slap Open	Conga L Slap Open
34	A#0	A#1				Conga L Slap	Conga L Slap
35	B0	B1				Conga L Slide	Conga L Slide
36	C1	C2		Cutting Noise	Phone Call	Bongo H Open 1 Finger	Bongo H Open 1 finger
37	C#1	C#2		Cutting Noise 2	Door Squeak	Bongo H Open 3 Finger	Bongo H Open 3 finger
38	D1	D2			Door Slam	Bongo H Rim	Bongo H Rim
39	D#1	D#2		String Slap	Scratch Cut	Bongo H Tip	Bongo H Tip
40	E1	E2			Scratch H 3	Bongo H Heel	Bongo H Heel
41	F1	F2			Wind Chime	Bongo H Slap	Bongo H Slap
42	F#1	F#2			Telephone Ring 2	Bongo L Open 1 Finger	Bongo L Open 1 finger
43	G1	G2				Bongo L Open 3 Finger	Bongo L Open 3 finger
44	G#1	G#2				Bongo L Rim	Bongo L Rim
45	A1	A2				Bongo L Tip	Bongo L Tip
46	A#1	A#2				Bongo L Heel	Bongo L Heel
47	B1	B2				Bongo L Slap	Bongo L Slap
48	C2	C3				Timbale L Open	Timbale L Open
49	C#2	C#3					
50	D2	D3					
51	D#2	D#3					
52	E2	E3		Flute Key Click	Car Engine Ignition		
53	F2	F3			Car Tires Squeal	Paila L	Paila L
54	F#2	F#3			Car Passing	Timbale H Open	Timbale H Open
55	G2	G3			Car Crash		
56	G#2	G#3			Siren		
57	A2	A3			Train		
58	A#2	A#3			Jet Plane		
59	B2	B3			Starship	Paila H	Paila H
60	C3	C4			Burst	Cowbell Top	Cowbell Top
61	C#3	C#4			Roller Coaster		Cowbell 1
62	D3	D4			Submarine		Cowbell 2
63	D#3	D#4					Cowbell 3
64	E3	E4				Guiro Short	Guiro Short
65	F3	F4				Guiro Long	Guiro Long
66	F#3	F#4					Metal Guiro Short
67	G3	G4	Dagu Mute				Metal Guiro Long
68	G#3	G#4	Zhongcha Mute	Shower	Laugh	Tambourine	Tambourine
69	A3	A4	Dagu Heavy	Thunder	Scream		Tambourim Open
70	A#3	A#4	Zhongcha Open	Wind	Punch		Tambourim Mute
71	B3	B4	Paigu Middle	Stream	Heart Beat		Tambourim Tip
72	C4	C5	Paigu Low	Bubble	Foot Steps	Maracas	Maracas
73	C#4	C#5	Xiaocha Mute	Feed		Shaker	Shaker
74	D4	D5	Bangu			Cabasa	Cabasa
75	D#4	D#5	Xiaocha Open				Cuica Mute
76	E4	E5	Bangzi				Cuica Open
77	F4	F5	Muyu Low				Cowbell High 1
78	F#4	F#5	Zhongluo Mute				Cowbell High 2
79	G4	G5	Muyu Mid-Low				Shekere
80	G#4	G#5	Zhongluo Open				Shekere Tone
81	A4	A5	Muyu Middle				Triangle Mute
82	A#4	A#5	Xiaoluo Open				Triangle Open
83	B4	B5	Muyu Mid-High				
84	C5	C6	Muyu High	Dog	Machine Gun		Bell Tree
85	C#5	(C#6)		Horse	Laser Gun		
86	D5	(D6)		Bird Tweet 2	Explosion		
87	D#5	(D#6)			Firework		
88	E5	(E6)					
89	F5	(F6)					
90	F#5	(F#6)		Ghost			
91	G5	(G6)		Maou			

\*1 Drum Kits indicated by a circle (O) in the chart are included in the corresponding instrument(s).  
 \* Actual Keyboard Notes of the SFX Kit 1 and 2 are one octave lower than the ones described in the above list.

Same as Standard Kit 1      No Sound

**GM2 Drum Kit / SFX Kit**

Bank Select MSB (0-127)			120	120	120	120	120
Bank Select LSB (0-127)			0	0	0	0	0
Program Change (0-127)			0	8	16	24	25
Program Change (1-128)			1	9	17	25	26
MIDI		Keyboard	Standard Set	Room Set	Power Set	Electronic Set	Analog Set
Note#	Note	Note					
13	C#-1	C#0					
14	D-1	D0					
15	D#-1	D#0					
16	E-1	E0					
17	F-1	F0					
18	F#-1	F#0					
19	G-1	G0					
20	G#-1	G#0					
21	A-1	A0					
22	A#-1	A#0					
23	B-1	B0					
24	C0	C1					
25	C#0	C#1					
26	D0	D1					
27	D#0	D#1	High Q				
28	E0	E1	Slap				
29	F0	F1	Scratch Push				
30	F#0	F#1	Scratch Pull				
31	G0	G1	Sticks				
32	G#0	G#1	Square Click				
33	A0	A1	Metronome Click				
34	A#0	A#1	Metronome Bell				
35	B0	B1	Acoustic Bass Drum				
36	C1	C2	Bass Drum 1		Power Kick Drum	Electric Bass Drum	Analog Bass Drum
37	C#1	C#2	Side Stick				Analog Rim Shot
38	D1	D2	Acoustic Snare		Power Snare Drum	Electric Snare 1	Analog Snare 1
39	D#1	D#2	Hand Clap				
40	E1	E2	Electric Snare			Electric Snare 2	
41	F1	F2	Low Floor Tom	Room Low Tom 2	Power Low Tom 2	Electric Low Tom 2	Analog Low Tom 2
42	F#1	F#2	Closed Hi-hat				Analog CHH 1
43	G1	G2	High Floor Tom	Room Low Tom 1	Power Low Tom 1	Electric Low Tom 1	Analog Low Tom 1
44	G#1	G#2	Pedal Hi-hat				Analog CHH 2
45	A1	A2	Low Tom	Room Mid Tom 2	Power Mid Tom 2	Electric Mid Tom 2	Analog Mid Tom 2
46	A#1	A#2	Open Hi-hat				Analog OHH
47	B1	B2	Low-Mid Tom	Room Mid Tom 1	Power Mid Tom 1	Electric Mid Tom 1	Analog Mid Tom 1
48	C2	C3	High Mid Tom	Room Hi Tom 2	Power Hi Tom 2	Electric Hi Tom 2	Analog Hi Tom 2
49	C#2	C#3	Crash Cymbal 1				Analog Cymbal
50	D2	D3	High Tom	Room Hi Tom 1	Power Hi Tom 1	Electric Hi Tom 1	Analog Hi Tom 1
51	D#2	D#3	Ride Cymbal 1				
52	E2	E3	Chinese Cymbal			Reverse Cymbal	
53	F2	F3	Ride Bell				
54	F#2	F#3	Tambourine				
55	G2	G3	Splash Cymbal				
56	G#2	G#3	Cowbell				Analog Cowbell
57	A2	A3	Crash Cymbal 2				
58	A#2	A#3	Vibra-slap				
59	B2	B3	Ride Cymbal 2				
60	C3	C4	High Bongo				
61	C#3	C#4	Low Bongo				
62	D3	D4	Mute Hi Conga				Analog High Conga
63	D#3	D#4	Open Hi Conga				Analog Mid Conga
64	E3	E4	Low Conga				Analog Low Conga
65	F3	F4	High Timbale				
66	F#3	F#4	Low Timbale				
67	G3	G4	High Agogo				
68	G#3	G#4	Low Agogo				
69	A3	A4	Cabasa				
70	A#3	A#4	Maracas				Analog Maracas
71	B3	B4	Short Whistle				
72	C4	C5	Long Whistle				
73	C#4	C#5	Short Guiro				
74	D4	D5	Long Guiro				
75	D#4	D#5	Claves				Analog Claves
76	E4	E5	Hi Wood Block				
77	F4	F5	Low Wood Block				
78	F#4	F#5	Mute Cuica				
79	G4	G5	Open Cuica				
80	G#4	G#5	Mute Triangle				
81	A4	A5	Open Triangle				
82	A#4	A#5	Shaker				
83	B4	B5	Jingle Bell				
84	C5	C6	Bell Tree				
85	C#5	(C#6)	Castanets				
86	D5	(D6)	Mute Surdo				
87	D#5	(D#6)	Open Surdo				
88	E5	(E6)					
89	F5	(F6)					
90	F#5	(F#6)					
91	G5	(G6)					

Same as Standard Kit 1      No Sound

Drum/key Assignment List / Liste der Tastenzuordnungen der Schlaginstrumente / Liste d'assignation instrument de batterie/touche du clavier / Lista de asignación de teclas/batería

Bank Select MSB (0-127)			120	120	120	120
Bank Select LSB (0-127)			0	0	0	0
Program Change (0-127)			32	40	48	56
Program Change (1-128)			33	41	49	57
MIDI			Jazz Set	Brush Set	Orchestra Set	SFX Set
Note#	Note	Keyboard Note				
13	C#-1	C#0				
14	D-1	D0				
15	D#-1	D#0				
16	E-1	E0				
17	F-1	F0				
18	F#-1	F#0				
19	G-1	G0				
20	G#-1	G#0				
21	A-1	A0				
22	A#-1	A#0				
23	B-1	B0				
24	C0	C1				
25	C#0	C#1				
26	D0	D1				
27	D#0	D#1			Closed Hi-hat 2	
28	E0	E1			Pedal Hi-hat	
29	F0	F1			Open Hi-hat 2	
30	F#0	F#1			Ride Cymbal 1	
31	G0	G1				
32	G#0	G#1				
33	A0	A1				
34	A#0	A#1				
35	B0	B1	Jazz Kick 2	Jazz Kick 2	Concert BD 2	
36	C1	C2	Jazz Kick 1	Jazz Kick 1	Concert BD 1	
37	C#1	C#2				
38	D1	D2		Brush Tap	Concert SD	
39	D#1	D#2		Brush Slap	Castanets	High Q
40	E1	E2		Brush Swirl	Concert SD	Slap
41	F1	F2			Timpani F	Scratch Push
42	F#1	F#2			Timpani F#	Scratch Pull
43	G1	G2			Timpani G	Sticks
44	G#1	G#2			Timpani G#	Square Click
45	A1	A2			Timpani A	Metronome Click
46	A#1	A#2			Timpani A#	Metronome Bell
47	B1	B2			Timpani B	Guitar Fret
48	C2	C3			Timpani c	Guitar Cutting Noise Up
49	C#2	C#3			Timpani c#	Guitar Cutting Noise Down
50	D2	D3			Timpani d	String Slap of Double Bass
51	D#2	D#3			Timpani d#	Fl.Key Click
52	E2	E3			Timpani e	Laughing
53	F2	F3			Timpani f	Scream
54	F#2	F#3				Punch
55	G2	G3				Heart Beat
56	G#2	G#3				Footsteps 1
57	A2	A3			Concert Cymbal 2	Footsteps 2
58	A#2	A#3				Applause
59	B2	B3			Concert Cymbal 1	Door Creaking
60	C3	C4				Door
61	C#3	C#4				Scratch
62	D3	D4				Wind Chimes
63	D#3	D#4				Car-Engine
64	E3	E4				Car-Stop
65	F3	F4				Car-Pass
66	F#3	F#4				Car-Crash
67	G3	G4				Siren
68	G#3	G#4				Train
69	A3	A4				Jetplane
70	A#3	A#4				Helicopter
71	B3	B4				Starship
72	C4	C5				Gun Shot
73	C#4	C#5				Machine Gun
74	D4	D5				Lasergun
75	D#4	D#5				Explosion
76	E4	E5				Dog
77	F4	F5				Horse-Gallop
78	F#4	F#5				Birds
79	G4	G5				Rain
80	G#4	G#5				Thunder
81	A4	A5				Wind
82	A#4	A#5				Seashore
83	B4	B5				Stream
84	C5	C6				Bubble
85	C#5	(C#6)				
86	D5	(D6)				
87	D#5	(D#6)				
88	E5	(E6)			Applause	
89	F5	(F6)				
90	F#5	(F#6)				
91	G5	(G6)				

Same as Standard Kit 1      No Sound

# Style List / Liste der Styles / Liste des styles / Lista de estilos

## PSR-S910

Category	Style Name	
Pop&Rock	HardRock	
	PowerRock	
	StandardRock	
	AcousticRock	
	BritRockPop	
	Live8Beat	
	Classic8Beat	
	Cool8Beat	
	8BeatModern	
	Uptempo8Beat	
	VintageGtrPop	
	60'sVintagePop	
	60'sVintageRock	
	80'sPop	
	90'sRockBallad	
	ChartRockShfl	
	ContempRock	
	FunkPopRock	
	BritPop	
	BritPopSwing	
	60's8Beat	
	60'sGuitarPop	
	60'sPopRock	
	70's8Beat	
	90'sGuitarPop	
	Unplugged	
	SoftRock	
	ChartGuitarPop	
	BubblegumPop	
	RockShuffle	
	WestCoastPop	
	Classic16Beat	
	JazzPop	
	KoolShuffle	
	J-PopHit	
	Ballad	ModernPopBld
		SoulR&B
		R&BSoulBallad
		PopGtrBallad
		ChilloutCafe
		70'sGlamPiano
		80'sEPBallad
		90'sCoolBallad
		8BeatBallad1
		8BeatBallad2
		16BeatBallad1
		16BeatBallad2
70'sPopBallad		
80'sBoyBand		
Chillout		
EasyBallad		
EPBallad		
PowerBallad		
EpicBallad		
AnalogBallad		
6-8SlowRock		
6-8Modern		
6-8Orchestral		
12-8Ballad		
LoveSong		
OrganBallad		
PianoBallad		
GuitarBallad		
NewR&BBallad		
GuitarSerenade		
PopWaltz		
Dance		Electronica
		FunkyHouse
		ClubBeat
		RetroClub
		ModChartPop
		70'sDisco1
		70'sDisco2
		70'sDiscoFunk
		DiscoPhilly
		80'sDisco
		DreamDance
		TrancePop
		DiscoTeens
		RetroPop
		USChartHit
		MellowHipHop
	ClassicHipHop	
	NewHipHop	

Category	Style Name	
Dance	EuroHipHop	
	TripHop	
	Ibiza2004	
	Ibiza2002	
	EuroTrance	
	6-8Trance	
	LatinDJ's	
	FrenchHouse	
	ClubHouse	
	DiscoHouse	
	House	
	HipHopGroove	
	ChartPop1	
	ChartPop2	
	PopR&B	
	NewR&B	
	ChartR&B	
	Swing&Jazz	ModBigBandShfl
		ModernBigBand
		ClassicBigBand
		JazzGtrClub
		ModernJazz
		AcousticJazz
		CoolJazzBallad
		ModernJazzBld
		EasyListening
Bebop		
OrchBigBand1		
BigBandFast1		
OrchestraSwing1		
OrchestraSwing2		
MORSwing		
OrchBigBand2		
BigBandFast2		
JazzWaltzMed		
JazzWaltzFast		
MidnightSwing		
FrenchJazz		
Five-Four		
OrganGroove		
JazzClub		
JumpJive		
Ragtime		
Dixieland		
Charleston		
40'sBigBand		
BigBandShuffle		
R&B		ModernShuffle
	BluesRock	
	SoulBrothers	
	FranklySoul	
	JazzFunk	
	6-8Soul	
	MotorCity	
	SlowBlues	
	Rock&Roll	
	Rock&RollShfl	
	Skiffle	
	OldiesR&R	
	Soul	
	DetroitPop1	
	DetroitPop2	
	GospelSwing	
	GospelSisters	
	WorshipSlow	
	WorshipMed	
	WorshipFast	
	Worship6-8	
	PianoBoogie	
	ShuffleBlues	
	R&BBallad	
	LovelyShuffle	
	KoolFunk	
BlueberryBlues		
60'sRock&Roll		
Twist		
Country	70'sCountryPop	
	70'sChartCntry	
	EasyCountry	
	CountryHits	
	Country8Beat	
	Bluegrass	
	Hoedown	
ModCntryBld1		

Category	Style Name	
Country	ModCntryBld2	
	NewCountry	
	CountryShuffle	
	CntrySing-along	
	CountryStrum	
	CountryBallad	
	CountryWaltz	
	Country2-4	
	CountryTwoStep	
	CountryBrothers	
	CountrySwing	
	CountryPop	
	FolkPop	
	FingerPickin	
	Latin	LatinPartyPop
		BrazilianSamba
		BossaNova
		FastBossa
		Guijira
		Bomba
		Salsa
		CubanSon
		Bachata
Cumbia		
Forro		
Joropo		
Parranda		
Reggaeton		
Merengue		
RumbaFlamenco		
Danzon		
Calypso		
BoleroLento		
GuitarRumba		
SheriffReggae		
HappyReggae		
PopLatin		
LatinDisco		
RockChaCha		
OrchestralBossa		
SlowBossa		
PopBossa		
Beguine		
Rumbalsland		
PopMambo		
Ballroom	VienneseWaltz	
	EnglishWaltz	
	Slowfox	
	Foxtrot	
	Quickstep	
	Tango	
	Pasodoble	
	Samba	
	ChaChaCha	
	Rumba	
	Jive	
	Swingfox	
	OrganChaCha	
	OrganSwing	
	OrganSamba	
	OrganQuickstep	
	9-8Waltz	
Movie&Show	Sci-fiMarch	
	SecretService	
	AnimationBld	
	70'sTVTheme	
	WildWest	
	BaroqueAir	
	Moonlight6-8	
	PopClassics	
	OrchestralBolero	
	OrchestralMarch	
	MovieDisco	
	SaturdayNight	
	MovieSwing	
	MovieBallad	
	TapDanceSwing	
	BroadwayBld	
	ClassicPianoBld	
ChristmasShuffle		
ChristmasSwing		
ChristmasWaltz		
Showtune		
MoviePanther		

## PSR-S910

Category	Style Name
Entertainer	GermanRock
	DiscoFox
	SchlagerFox
	AlpBallad1
	AlpBallad2
	ScandShuffle
	ScandCountry1
	ScandCountry2
	ScandSlowRock
	ScandBugg
	SchlagerPolka
	Schlager6-8
	SchlagerSamba
	SchlagerShuffle
	SchlagerAlp
	SchlagerRock
	SchlagerItalia
	SchlagerPop
	SchlagerBeat
	SchlagerRumba
	EuroPopOrgan
	70'sFrenchHit
	PubPiano
	PartyPolka
	PolkaPop
	Tijuana
	Carnival
	8BeatAdria
	DiscoHands
	World
Flamenco	
SpanishPaso	
PopFlamenco	
FrenchMusette	
IrishHymn	
IrishDance	
Sirtaki	
GermanWaltz	
OrientalPop	
ArabicEuro	
Saeidy	
Laff	
WehdaSaghira	
Duranguense	
Bhajan	
Bhangra	
Xi Qing Luo Gu	
Jing Ju Jie Zou	
Grupera	
OberPolka	
OberWalzer	
ItalianPolka	
ItalianMazurka	
Hawaiian	
HighlandWaltz	
ItalianWaltz	
FrenchWaltz	
ScandWaltz	
MariachiWaltz	
Reel	
Jig	
GayGordons	
Tarantella	
Zouk	
USMarch	
6-8March	
GermanMarch	
Norteno	
HullyGully	
Enka	



PSR-S710

Category	Current Style Name	
Pop&Rock	HardRock	
	PowerRock	
	StandardRock	
	AcousticRock	
	BritRockPop	
	Cool8Beat	
	8BeatModern	
	VintageGtrPop	
	60'sVintageRock	
	60'sPopRock	
	FunkPopRock	
	BritPopSwing	
	ChartGuitarPop	
	Unplugged	
	90'sRockBallad	
	60'sGuitarPop	
	70's8Beat	
	90'sGuitarPop	
	BubblegumPop	
	RockShuffle	
	JazzPop	
	KoolShuffle	
	J-PopHit	
	Ballad	PopGtrBallad
		EasyBallad
EPBallad		
70'sGlamPiano		
80'sEPBallad		
8BeatBallad1		
8BeatBallad2		
16BeatBallad		
PowerBallad		
ChilloutLounge		
6-8SlowRock		
6-8Modern		
6-8Orchestral		
12-8Ballad		
70'sPopBallad		
Chillout		
80'sBoyBand		
NewR&BBallad		
PopWaltz		
LoveSong		
OrganBallad		
PianoBallad		
Dance		Electronica
		ClubBeat
		RetroClub
	FunkyHouse	
	DreamDance	
	70'sDisco1	
	70'sDisco2	
	DiscoPhilly	
	80'sDisco	
	DiscoHouse	
	USChartHit	
	ModChartPop	
	MellowHipHop	
	ChartPop	
	RetroPop	
	Ibiza2002	
	FrenchHouse	
	House	
	LatinDJ's	
	NewR&B	
	ClassicHipHop	
	NewHipHop	
	EuroHipHop	
	HipHopGroove	
	Swing&Jazz	OrchBigBand1
AcousticJazz		
ModernJazzBld		
ModernJazz		
JazzClub		
OrchBigBand2		
MORSwing		
MidnightSwing		
JazzWaltzMed		
OrganGroove		
BigBandFast		
OrchestraSwing1		
OrchestraSwing2		
Five-Four		
JumpJive		

Category	Current Style Name
Swing&Jaz	Ragtime
	Charleston
	Dixieland
	BigBandShuffle
R&B	BluesRock
	SoulBrothers
	FranklySoul
	JazzFunk
	6-8Soul
	MotorCity
	SlowBlues
	Skiffle
	OldiesR&R
	Rock&Roll1
	GospelSwing
	GospelSisters
	WorshipSlow
	WorshipMed
	Soul
	DetroitPop
	LovelyShuffle
	KoolFunk
	60'sRock&Roll
	Rock&Roll2
Country	ModernR&B
	Twist
	ComboBoogie
	70'sChartCntry
	CountryHits
	NewCountry
	ModCntryBld
	CountryPop
	Bluegrass
	Hoedown
Latin	CountryShuffle
	CountrySwing
	CountryWaltz
	Country2-4
	CountryBallad
	FolkPop
	FingerPickin
	BrazilianSamba
	BossaNova
	Bomba
Ballroom	Salsa
	Gujjira
	CubanSon
	Merengue
	Bachata
	Cumbia
	Danzon
	Forro
	Joropo
	Parranda
	Reggaeton
	Calypso
	LatinDisco
	RockChaCha
	PopBossa
	FastBossa
	HappyReggae
	OrchestralBossa
Beguine	
RumbalIsland	
PopMambo	
Movie&Show	VienneseWaltz
	EnglishWaltz
	Slowfox
	Foxtrot
	Quickstep
	Tango
	Pasodoble
	Samba
	ChaChaCha
	Rumba
Jive	
Swingfox	
OrganSwing	
OrganSamba	
OrganQuickstep	
9-8Waltz	
MovieDisco	
TapDanceSwing	
Sci-fiMarch	

Category	Current Style Name
Movie&Show	SecretService
	70'sTVTheme
	WildWest
	Showtune
	BaroqueAir
	OrchestralBolero
	OrchestralMarch
	ClassicPianoBld
	Moonlight6-8
	SaturdayNight
	MovieBallad
	BroadwayBld
	ChristmasWaltz
ChristmasSwing	
Entertainer	GermanRock
	DiscoFox
	70'sFrenchHit
	AlpBallad
	PartyPolka
	SchlagerPolka
	Schlager6-8
	SchlagerShuffle
	SchlagerPop
	SchlagerBeat
	ScandShuffle
	ScandSlowRock
	SchlagerSamba
World	PolkaPop
	PubPiano
	Tijuana
	Carnival
	8BeatAdria
	DiscoHands
	Flamenco
	SpanishPaso
	PopFlamenco
	FrenchMusette
	Sirtaki
	GermanWaltz
	ItalianWaltz
FrenchWaltz	
ScandWaltz	
OrientalPop	
ArabicEuro	
Saeidy	
Laff	
WehdaSaghira	
Duranguense	
Bhajan	
Bhangra	
Xi Qing Luo Gu	
Jing Ju Jie Zou	
Grupera	
IrishDance	
Hawaiian	
Reel	
Jig	
Tarantella	
OberPolka	
OberWalzer	
USMarch	
6-8March	
GermanMarch	
Enka	

# Multi Pad Bank List /Multi-Pad-Bank-Liste /Liste des banques multi-pads / Lista de bancos de Multi Pad

## PSR-S910

Order	Bank Name	Order	Bank Name
1	E.Gtr16BtCut1	61	PianoArp16Bt
2	E.Gtr16BtCut2	62	PianoArp8Bt
3	E.Gtr16BtCut3	63	HeavenArpeggio
4	FunkyGtr16Bt1	64	TwinkleArpeggio
5	FunkyGtr16Bt2	65	TechSeq1
6	FunkyGtr16Bt3	66	TechSeq2
7	DiscoGuitar	67	TranceSeq1
8	E.Gtr16BtShfl1	68	TranceSeq2
9	E.Gtr16BtShfl2	69	Harpeggio1
10	E.Gtr16BtPick	70	Harpeggio2
11	SteelTriplet1	71	LatinPerc1
12	SteelTriplet2	72	LatinPerc2
13	E.Gtr8BtShfl	73	LatinPerc3
14	SteelGuitar6-8	74	LatinPerc4
15	E.Guitar6-8	75	LatinPerc5
16	SteelGtrPick1	76	Conga&Bongo1
17	SteelGtrPick2	77	CarnivalDeRio
18	SteelGtrPick3	78	LatinPop
19	SteelGtrPick4	79	Rumba&Soca
20	NylonGtrPick	80	SambaPerc
21	NylonAccomp	81	Oriental1
22	NylonBossa1	82	Oriental2
23	NylonBossa2	83	Oriental3
24	FlamencoGtr	84	Oriental4
25	A.GtrAccomp	85	Oriental5
26	Steel8BtStrum1	86	Oriental6
27	Steel8BtStrum2	87	Oriental7
28	SteelBsChdSlow	88	Oriental8
29	SteelBsChdFast	89	ArabicPerc1
30	ReggaeAccomp	90	ArabicPerc2
31	E.Gtr8BtStrm1	91	SnarePlay1
32	E.Gtr8BtStrm2	92	SnarePlay2
33	E.GtrRock1	93	Cajon1
34	E.GtrRock2	94	Cajon2
35	OrganBlues	95	Shaker&Tamb
36	BoogieLoops	96	Timbales&Tom
37	LatinKeys	97	EthnicPerc
38	BaroqueStrings	98	BigBells
39	StringsArpeggio	99	MagicBells
40	StrRun&Fall	100	XmasLoops
41	TrumpetSwing	101	PowerToms
42	BrassSwing	102	PowerSnares
43	BigBandSwing1	103	CrashCymbals
44	BigBandSwing2	104	PowerKit1
45	BigBandSwing3	105	PowerKit2
46	Brass8Beat	106	DanceKit
47	BrassChords1	107	LatinKit1
48	BrassChords2	108	LatinKit2
49	BrassChords3	109	LatinKit3
50	Breathing	110	Conga&Bongo2
51	Falls	111	DanceMix1
52	SynthBrassSlide	112	DanceMix2
53	OrchestraHit	113	BreakBeatz
54	Classical	114	DJ-BasicSet
55	Comedy	115	DJ-SFX
56	AttentionDuo	116	HipHop1
57	Fanfare	117	HipHop2
58	PianoGlissando	118	HeavyShuffle
59	Gong&Chime	119	NewR&B
60	DrumEndings	120	ScratchBank
		121	IndianKit
		122	ChineseKit1
		123	ChineseKit2

## PSR-S710

Order	Bank Name	Order	Bank Name
1	E.Gtr16BtCut1	61	Oriental1
2	E.Gtr16BtCut2	62	Oriental2
3	E.Gtr16BtCut3	63	Oriental3
4	FunkyGtr16Bt1	64	Oriental4
5	FunkyGtr16Bt2	65	Oriental5
6	FunkyGtr16Bt3	66	Oriental6
7	DiscoGuitar	67	Oriental7
8	E.Gtr16BtShfl1	68	Oriental8
9	E.Gtr16BtShfl2	69	ArabicPerc1
10	E.Gtr16BtPick	70	ArabicPerc2
11	SteelTriplet1	71	SnarePlay1
12	SteelTriplet2	72	SnarePlay2
13	E.Gtr8BtShfl	73	Cajon1
14	SteelGuitar6-8	74	Cajon2
15	E.Guitar6-8	75	Shaker&Tamb
16	SteelGtrPick1	76	Timbales&Tom
17	SteelGtrPick2	77	EthnicPerc
18	SteelGtrPick3	78	IndianKit
19	SteelGtrPick4	79	ChineseKit1
20	NylonGtrPick	80	ChineseKit2
21	NylonAccomp	81	PowerToms
22	NylonBossa1	82	PowerSnares
23	NylonBossa2	83	CrashCymbals
24	A.GtrAccomp	84	PowerKit1
25	Steel8BtStrum1	85	PowerKit2
26	Steel8BtStrum2	86	DrumEndings
27	SteelBsChdSlow	87	LatinKit1
28	SteelBsChdFast	88	LatinKit2
29	E.Gtr8BtStrm1	89	LatinKit3
30	E.Gtr8BtStrm2	90	Conga&Bongo2
31	E.GtrRock1	91	DanceKit
32	E.GtrRock2	92	DanceMix1
33	FlamencoGtr	93	DanceMix2
34	LatinKeys	94	BreakBeatz
35	StringsArpeggio	95	DJ-BasicSet
36	TrumpetSwing	96	DJ-SFX
37	BigBandSwing	97	HipHop1
38	OrchestraHit	98	HipHop2
39	PianoGlissando	99	HeavyShuffle
40	Gong&Chime	100	NewR&B
41	PianoArp16Bt	101	ScratchBank
42	PianoArp8Bt	102	Breathing
43	HeavenArpeggio	103	Classical
44	TwinkleArpeggio		
45	TechSeq		
46	TranceSeq		
47	Harpeggio1		
48	Harpeggio2		
49	BigBells		
50	MagicBells		
51	LatinPerc1		
52	LatinPerc2		
53	LatinPerc3		
54	LatinPerc4		
55	LatinPerc5		
56	Conga&Bongo1		
57	CarnivalDeRio		
58	LatinPop		
59	Rumba&Soca		
60	SambaPerc		

# Direct Access Chart / Tabelle Direktzugriff / Feuille d'accès direct / Gráfico de acceso directo

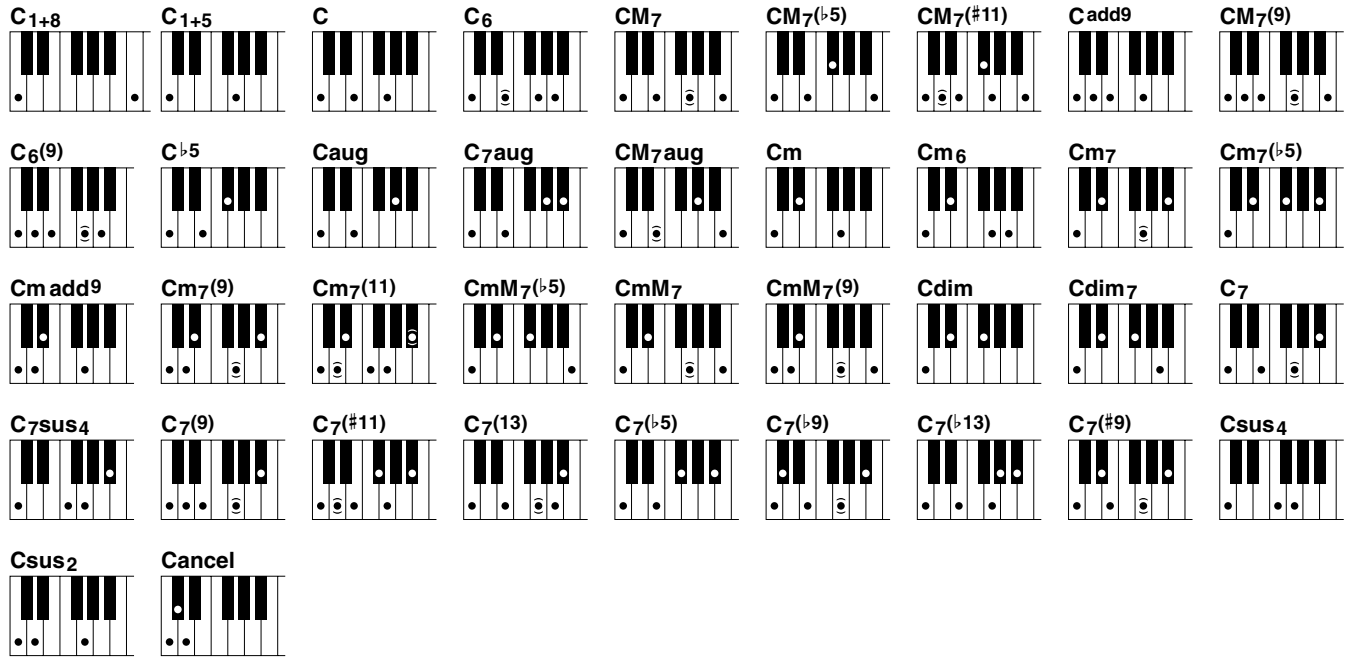
Operation: [DIRECT ACCESS] button + button listed below		Function of the accessed LCD display			
STYLE CONTROL	[ACMP]	FUNCTION	STYLE SETTING/SPLIT POINT/ CHORD FINGERING	CHORD FINGERING	—
	[AUTO FILL IN]			STYLE SETTING	
	[OTS LINK]				
	[BREAK]				
	INTRO [I]				
	INTRO [II]				
	INTRO [III]				
	MAIN VARIATION [A]				
	MAIN VARIATION [B]				
	MAIN VARIATION [C]				
	MAIN VARIATION [D]				
	ENDING/rit. [I]				
	ENDING/rit. [II]				
	ENDING/rit. [III]				
[SYNC START]	SPLIT POINT				
[SYNC STOP]	STYLE SETTING				
[START/STOP]					
STYLE	[POP & ROCK]	FUNCTION	STYLE SETTING/SPLIT POINT/ CHORD FINGERING	STYLE SETTING	—
	[BALLAD]				
	[DANCE]				
	[SWING & JAZZ]				
	[R & B]				
	[COUNTRY]				
	[LATIN]				
	[BALLROOM]				
	[MOVIE & SHOW]				
	[ENTERTAINER]				
	[WORLD]				
	[USER]				
	[SELECT]				
	[SCORE]				
[LYRICS/TEXT]					
[TR1]					
[TR2]					
[EXTRA TR]					
[GUIDE]	FUNCTION	SONG SETTING	—	—	
[REPEAT]					
[▶▶] (FF)					
[◀◀] (REW)					
[▶ /   ] (PLAY/PAUSE)					
[■] (STOP)					
[REC]					
[TAP TEMPO]		UTILITY	CONFIG 1	TAP	
TEMPO	[+]	FUNCTION	STYLE SETTING/SPLIT POINT/ CHORD FINGERING	STYLE SETTING	—
	[-]				
[METRONOME]			UTILITY	CONFIG 1	METRONOME
[FADE IN/OUT]					FADE IN/OUT
TRANSPOSE	[+]	FUNCTION	CONTROLLER	KEYBOARD/PANEL	TRANSPOSE ASSIGN
	[-]				
UPPER OCTAVE	[+]	MIXING CONSOLE	TUNE	—	—
	[-]				
MULTI PAD	[SELECT]	FUNCTION	DIGITAL REC MENU	MULTI PAD CREATOR	RECORD
	[STOP]	MULTIPAD CONTROL SELECT	MULTI PAD EDIT	—	—
	[1]				
	[2]				
	[3]				
[4]					
[DEMO]	FUNCTION	UTILITY	OWNER	—	
[FUNCTION]	FUNCTION	MIDI	PRESET	—	
[MIXING CONSOLE]	MIXING CONSOLE	VOL/VOICE	—	—	
[BALANCE]					
[CHANNEL ON/OFF]					
[USB]	FUNCTION	UTILITY	MEDIA	—	
[INTERNET]	FUNCTION	UTILITY	CONFIG 2	—	
[DIRECT ACCESS]	—	—	—	—	
TAB	[▶]	—	—	—	—
	[◀]	—	—	—	—
[ENTER]	—	—	—	—	
[EXIT]	MAIN	—	—	—	
DATA ENTRY DIAL	—	—	—	—	
VOICE	PART SELECT [LEFT]	FUNCTION	REGIST SEQUENCE/FREEZE/ VOICE SET	VOICE SET	LEFT
	PART SELECT [RIGHT 1]				RIGHT 1
	PART SELECT [RIGHT 2]				RIGHT 2
	PART ON/OFF [LEFT]				LEFT
	PART ON/OFF [RIGHT 1]				RIGHT 1
	PART ON/OFF [RIGHT 2]				RIGHT 2
	[LEFT HOLD]	STYLE SETTING/SPLIT POINT/ CHORD FINGERING	SPLIT POINT	—	
	[PIANO]	FUNCTION	REGIST SEQUENCE/FREEZE/ VOICE SET	VOICE SET	—
	[E.PIANO]				
	[STRINGS]				
	[GUITAR & BASS]				
	[SAXOPHONE]				
	[FLUTE & WOODWIND]				
	[ORGAN]				
[TRUMPET]					
[BRASS]					
[ACCORDION & HARMONICA]					
[CHOIR & PAD]					

Direct Access Chart / Tabelle Direktzugriff / Feuille d'accès direct / Gráfico de acceso directo

Operation: [DIRECT ACCESS] button + button listed below		Function of the accessed LCD display			
VOICE	[SYNTH. & FX]	FUNCTION	REGIST SEQUENCE/FREEZE/ VOICE SET	VOICE SET	—
	[PERC. & DRUM KIT]				
	[ORGAN FLUTES]				
	[USER]				
VOICE CONTROL	[HARMONY/ECHO]	FUNCTION	HARMONY/ECHO	—	—
	[TOUCH]	MIXING CONSOLE	CONTROLLER	KEYBOARD/PANEL	INITIAL TOUCH
	[SUSTAIN]		EFFECT	—	—
	[MONO]		TUNE	—	—
	[DSP]		EFFECT	—	—
[VARI.]	—	—	—		
[MUSIC FINDER]		MUSIC FINDER	MUSIC FINDER SEARCH 1	—	—
ONE TOUCH SETTING	[1]	OTS INFORMATION	—	—	—
	[2]				
	[3]				
	[4]				
[MIC SETTING/VOCAL HARMONY] (PSR-S910)		MIC SETTING/VOCAL HARMONY	VOCAL HARMONY TYPE	—	—
REGISTRATION MEMORY	REGIST BANK [+]	FUNCTION	REGIST SEQUENCE/FREEZE/ VOICE SET	REGISTRATION SEQUENCE	—
	REGIST BANK [-]			FREEZE	—
	[FREEZE]			REGISTRATION SEQUENCE	—
	[MEMORY]	REGIST INFORMATION	—	—	—
	[1]				
	[2]				
	[3]				
	[4]				
	[5]				
[6]					
[7]					
[8]					
PEDAL	FOOT PEDAL 1	FUNCTION	CONTROLLER	FOOT PEDAL	—
	FOOT PEDAL 2				
MODULATION		FUNCTION	CONTROLLER	KEYBOARD/PANEL	MODULATION WHEEL
PITCH BEND		MIXING CONSOLE	TUNE	—	—

\* The cursor position differs depending on the current keyboard part.

# Chord Types Recognized in the Fingered Mode / Im Fingered-Modus erkannte Akkordarten / Types d'accords reconnus en mode Fingered / Tipos de acordes reconocidos en el modo Fingered (digitado)



Chord Name [Abbreviation]	Normal Voicing	Display for root "C"
1+8	1+8	C1+8
1+5	1+5	C1+5
Major [M]	1+3+5	C
Sixth [6]	1+(3)+5+6	C6
Major seventh [M7]	1+3+(5)+7	CM7
Major seventh flatted fifth [M7b5]	1+3+b5+7	CM7(b5)
Major seventh add sharp eleventh [M7(#11)]	1+(2)+3+#4+5+7	CM7(#11)
Add ninth [(9)]	1+2+3+5	Cadd9
Major seventh ninth [M7_9]	1+2+3+(5)+7	CM7(9)
Sixth ninth [6_9]	1+2+3+(5)+6	C6(9)
Flatted fifth [(b5)]	1+3+b5	Cb5
Augmented [aug]	1+3+#5	Caug
Seventh augmented [7aug]	1+3+#5+b7	C7aug
Major seventh augmented [M7aug]	1+(3)+#5+7	CM7aug
Minor [m]	1+b3+5	Cm
Minor sixth [m6]	1+b3+5+6	Cm6
Minor seventh [m7]	1+b3+(5)+b7	Cm7
Minor seventh flatted fifth [m7b5]	1+b3+b5+b7	Cm7(b5)
Minor add ninth [m(9)]	1+2+b3+5	Cm add9
Minor seventh ninth [m7(9)]	1+2+b3+(5)+b7	Cm7(9)
Minor seventh eleventh [m7(11)]	1+(2)+b3+4+5+(b7)	Cm7(11)
Minor major seventh flatted fifth [mM7b5]	1+b3+b5+7	CmM7(b5)
Minor major seventh [mM7]	1+b3+(5)+7	CmM7
Minor major seventh ninth [mM7(9)]	1+2+b3+(5)+7	CmM7(9)
Diminished [dim]	1+b3+b5	Cdim
Diminished seventh [dim7]	1+b3+b5+6	Cdim7
Seventh [7]	1+3+(5)+b7	C7
Seventh suspended fourth [7sus4]	1+4+5+b7	C7sus4
Seventh ninth [7(9)]	1+2+3+(5)+b7	C7(9)
Seventh add sharp eleventh [7(#11)]	1+(2)+3+#4+5+b7	C7(#11)
Seventh add thirteenth [7(13)]	1+3+(5)+6+b7	C7(13)
Seventh flatted fifth [7b5]	1+3+b5+b7	C7(b5)
Seventh flatted ninth [7(b9)]	1+b2+3+(5)+b7	C7(b9)
Seventh add flatted thirteenth [7(b13)]	1+3+5+b6+b7	C7(b13)
Seventh sharp ninth [7(#9)]	1+#2+3+(5)+b7	C7(#9)
Suspended fourth [sus4]	1+4+5	Csus4
One plus two plus five [sus2]	1+2+5	Csus2
cancel	1+b2+2	Cancel

\* Notes in parentheses can be omitted.

# Effect Type List / Liste der Effekttypen / Liste des types d'effet / Lista de tipos de efecto

## Reverb Block

Type	Description	MSB	LSB
BASIC HALL	Reverb simulating the acoustics of a hall. Standard setting.	1	21
LIGHT HALL	Reverb simulating the acoustics of a hall. Light setting.	1	22
BALLAD HALL	Reverb simulating the acoustics of a hall. For ballad type music.	1	19
PIANO HALL	Reverb simulating the acoustics of a hall. For piano sound.	1	20
HALL1	Reverb simulating the acoustics of a hall.	1	0
HALL2		1	16
HALL3		1	17
HALL4		1	18
HALL5		1	1
HALL M		1	6
HALL L		1	7
ATMO HALL		A unique long reverb with atmosphere.	1
ACOSTIC ROOM (Acoustic Room)	Reverb simulating the acoustics of a room. Standard setting.	2	20
DRUMS ROOM	Reverb simulating the acoustics of a room. For drums sound.	2	21
PERC ROOM (Percussion Room)	Reverb simulating the acoustics of a room. For percussions sound.	2	22
ROOM1	Reverb simulating the acoustics of a room.	2	16
ROOM2		2	17
ROOM3		2	18
ROOM4		2	19
ROOM5		2	0
ROOM6		2	1
ROOM7		2	2
ROOM S		2	5
ROOM M		2	6
ROOM L		2	7
STAGE1	Reverb suitable for a solo instrument.	3	16
STAGE2		3	17
STAGE3		3	0
STAGE4		3	1
PLATE1	Reverb simulating a plate reverb unit.	4	16
PLATE2		4	17
PLATE3		4	0
GM PLATE		4	7
TUNNEL	Simulates a cylindrical space expanding to left and right.	17	0
CANYON	A hypothetical acoustic space which extends without limit.	18	0
BASEMENT	A bit of initial delay followed by reverb with a unique resonance.	19	0
LARGE HALL	Reverb simulating the acoustics of a hall.	1	2
MEDIUM HALL		1	3
WARM ROOM	Reverb simulating the acoustics of a warm room.	2	3
WHITE ROOM	A unique short reverb with a bit of initial delay.	16	0
WOODY ROOM	Reverb simulating the acoustics of a woody room.	2	4
RICH PLATE	Reverb simulating a rich plate reverb unit.	4	1
NO EFFECT	No effect.	0	0

## Chorus Block

Category	Type	Description	MSB	LSB
REVERB	HALL1	Reverb simulating the acoustics of a hall.	1	0
	HALL2		1	16
	HALL3		1	17
	HALL4		1	18
	HALL5		1	1
	HALL M		1	6
	HALL L		1	7
	ATMO HALL		A unique long reverb with atmosphere.	1
	ACOSTIC ROOM (Acoustic Room)	Reverb simulating the acoustics of a room. Standard setting.	2	20
	DRUMS ROOM	Reverb simulating the acoustics of a room. For drums sound.	2	21
	PERC ROOM (Percussion Room)	Reverb simulating the acoustics of a room. For percussions sound.	2	22
	ROOM1	Reverb simulating the acoustics of a room.	2	16
	ROOM2		2	17
	ROOM3		2	18
	ROOM4		2	19
	ROOM5		2	0
	ROOM6		2	1
	ROOM7		2	2
	ROOM S		2	5
	ROOM M		2	6
	ROOM L		2	7
	STAGE1	Reverb suitable for a solo instrument.	3	16
	STAGE2		3	17
	STAGE3		3	0
	STAGE4		3	1
	PLATE1	Reverb simulating a plate reverb unit.	4	16
PLATE2	4		17	
PLATE3	4		0	
GM PLATE	4		7	
DELAY	TEMPO DELAY1	Tempo-synchronized delay.	21	0
	TEMPO DELAY2		21	16
	TEMPO ECHO	Tempo-synchronized echo.	21	8
	TEMPO CROSS1	Tempo-synchronized cross delay.	22	0
	TEMPO CROSS2		22	16
	TEMPO CROSS3		22	17
	TEMPO CROSS4		22	18

Effect Type List / Liste der Effektypen / Liste des types d'effet / Lista de tipos de efecto

Category	Type	Description	MSB	LSB	
ER/KARAOKE	KARAOKE1	Echo for karaoke.	20	0	
	KARAOKE2		20	1	
	KARAOKE3		20	2	
CHORUS	CHORUS1	Conventional chorus program with rich, warm chorusing.	66	17	
	CHORUS2		66	8	
	CHORUS3		66	16	
	CHORUS4		66	1	
	CHORUS5		65	2	
	CHORUS6		65	0	
	CHORUS7		65	1	
	CHORUS8		65	8	
	CHORUS FAST		65	16	
	CHORUS LITE		65	17	
	GM CHORUS1		65	3	
	GM CHORUS2		65	4	
	GM CHORUS3		65	5	
	GM CHORUS4		65	6	
	FB CHORUS		65	7	
	CELESTE1		A 3-phase LFO adds modulation and spaciousness to the sound.	66	0
	CELESTE2			66	2
SYMPHONIC1	Adds more stages to the modulation of Celeste.	68	16		
SYMPHONIC2		68	0		
ENS DETUNE1 (Ensemble Detune 1)	Chorus effect without modulation, created by adding a slightly pitch-shifted sound.	87	0		
ENS DETUNE2 (Ensemble Detune 2)		87	16		
FLANGER	FLANGER1	Creates a sound reminiscent of a jet airplane.	67	8	
	FLANGER2		67	16	
	FLANGER3		67	17	
	FLANGER4		67	1	
	FLANGER5		67	0	
	GM FLANGER		67	7	
PHASER	PHASER1	Cyclically modulates the phase to add modulation to the sound.	72	0	
	EP PHASER1		72	17	
	EP PHASER2		72	18	
	EP PHASER3		72	16	
ROTARY SP	ROTARY SP5 (Rotary Speaker 5)	Simulates a rotary speaker.	66	18	
NO EFFECT	-	No effect.	0	0	

DSP1 – 4 Block

LCD Block Name	XG Block Name
DSP1	XG Variation Block
DSP2	XG Insertion1 Block
DSP3	XG Insertion2 Block
DSP4	XG Insertion3 Block

	Type	Description	MSB	LSB	
REVERB	HALL1	Reverb simulating the acoustics of a hall.	1	0	
	HALL2		1	16	
	HALL3		1	17	
	HALL4		1	18	
	HALL5		1	1	
	HALL M		1	6	
	HALL L		1	7	
	ATMO HALL		A unique long reverb with atmosphere.	1	23
	ACOSTIC ROOM (Acoustic Room)		Reverb simulating the acoustics of a room. Standard setting.	2	20
	DRUMS ROOM		Reverb simulating the acoustics of a room. For drums sound.	2	21
	PERC ROOM (Percussion Room)	Reverb simulating the acoustics of a room. For percussions sound.	2	22	
	ROOM1	Reverb simulating the acoustics of a room.	2	16	
	ROOM2		2	17	
	ROOM3		2	18	
	ROOM4		2	19	
	ROOM5		2	0	
	ROOM6		2	1	
	ROOM7		2	2	
	ROOM S		2	5	
	ROOM M		2	6	
	ROOM L		2	7	
	STAGE1	Reverb suitable for a solo instrument.	3	16	
	STAGE2		3	17	
	STAGE3		3	0	
	STAGE4		3	1	
	PLATE1	Reverb simulating a plate reverb unit.	4	16	
	PLATE2		4	17	
	PLATE3		4	0	
	GM PLATE		4	7	
	*1 TUNNEL	Simulates a cylindrical space expanding to left and right.	17	0	
*1 CANYON	A hypothetical acoustic space which extends without limit.	18	0		
*1 BASEMENT	A bit of initial delay followed by reverb with a unique resonance.	19	0		
*1 WHITE ROOM	A unique short reverb with a bit of initial delay.	16	0		



	Type	Description	MSB	LSB	
DELAY	DELAY LCR1	Produces three delayed sounds: L, R and C (center).	5	16	
	DELAY LCR2		5	0	
	DELAY LR	Produces two delayed sounds: L and R. Two feedback delays are provided.	6	0	
	ECHO	Two delayed sounds (L and R), and independent feedback delays for L and R.	7	0	
	CROSS DELAY1	The feedback of the two delayed sounds is crossed.	8	0	
	CROSS DELAY2		8	16	
	TEMPO DELAY1	Tempo-synchronized delay.	21	0	
	TEMPO DELAY2	Tempo-synchronized cross delay.	21	16	
	TEMPO ECHO		Tempo-synchronized echo.	21	8
	TEMPO CROSS1		22	0	
	TEMPO CROSS2		22	16	
	TEMPO CROSS3		22	17	
	TEMPO CROSS4		22	18	
	ER/KARAOKE		KARAOKE1	Echo for karaoke.	20
KARAOKE2			20		1
KARAOKE3		20	2		
*1 ER1		This effect isolates only the early reflection components of the reverb.	9	0	
*1 ER2			9	1	
*1 GATE REVERB		Simulation of gated reverb.	10	0	
*1 REVERS GATE	Simulation of gated reverb played back in reverse.	11	0		
CHORUS	CHORUS1	Conventional chorus program with rich, warm chorusing.	66	17	
	CHORUS2		66	8	
	CHORUS3		66	16	
	CHORUS4		66	1	
	CHORUS5		65	2	
	CHORUS6		65	0	
	CHORUS7		65	1	
	CHORUS8		65	8	
	CHORUS FAST		65	16	
	CHORUS LITE		65	17	
	GM CHORUS1		65	3	
	GM CHORUS2		65	4	
	GM CHORUS3		65	5	
	GM CHORUS4		65	6	
	FB CHORUS		65	7	
	CELESTE1		A 3-phase LFO adds modulation and spaciousness to the sound.	66	0
	CELESTE2	66		2	
	SYMPHONIC1	Adds more stages to the modulation of Celeste.	68	16	
	SYMPHONIC2		68	0	
	ENS DETUNE1 (Ensemble Detune 1)	Chorus effect without modulation, created by adding a slightly pitch-shifted sound.	87	0	
ENS DETUNE2 (Ensemble Detune 2)	87		16		
FLANGER	FLANGER1	Creates a sound reminiscent of a jet airplane.	67	8	
	FLANGER2		67	16	
	FLANGER3		67	17	
	FLANGER4		67	1	
	FLANGER5		67	0	
	GM FLANGER		67	7	
	*1 V_FLANGER		A simulation on an analog flanger effect. The LFO has a random setting.	104	0
*1 T_FLANGER (Tempo Flanger)	Tempo-synchronized flanger.	107	0		
*1 DYN FLANGER	Dynamically controlled flanger.	110	0		
PHASER	PHASER1	Cyclically modulates the phase to add modulation to the sound.	72	0	
	*1 PHASER2		72	8	
	*1 PHASER3		72	19	
	*1 T_PHASER1 (Tempo Phaser 1)	Tempo-synchronized phaser.	108	0	
	*1 T_PHASER2 (Tempo Phaser 2)		108	16	
	EP PHASER1	Cyclically modulates the phase to add modulation to the sound.	72	17	
	EP PHASER2		72	18	
	EP PHASER3		72	16	
	*1 DYN PHASER	Dynamically controlled phaser.	111	0	
DISTORTION	*1 V_DIST WARM (V Distortion Warm)	Distortion which simulates the sound of a vintage tube, fuzz effect, etc.	98	22	
	*1 V_DIST CLS H (V Distortion Classic Hard)		98	23	
	*1 V_DIST CLS S (V Distortion Classic Soft)		98	20	
	*1 V_DIST METAL (V Distortion Metal)		98	24	
	*1 V_DIST CRUNC (V Distortion Crunch)		98	18	
	*1 V_DIST BLUES (V Distortion Blues)		98	21	
	*1 V_DIST EDGY (V Distortion Edgy)		98	19	
	*1 V_DIST SOLID (V Distortion Solid)		98	25	
	*1 V_DST CLEAN1 (V Distortion Clean 1)		98	17	
	*1 V_DST CLEAN2 (V Distortion Clean 2)		98	26	
	*1 V_DIST TWIN (V Distortion Twin)		98	16	
	*1 V_DIST ROCA (V Distortion Rocability)		103	18	
	*1 V_DST JZ CLN (V Distortion Jazz Clean)		98	27	
	*1 V_DST FUSION (V Distortion Fusion)		103	19	
	*1 ST AMP SOLID (Stereo Amp Simulator Solid)		Stereo amp simulator.	75	29
	*1 ST AMP CRUNC (Stereo Amp Simulator Crunch)			75	30
	*1 ST AMP BLUES (Stereo Amp Simulator Blues)	75		28	
	*1 ST AMP CLEAN (Stereo Amp Simulator Clean)	75		27	
	*1 ST AMP HARP (Stereo Amp Simulator Blues Harp)	75	31		
	*1 V_DIST HARD (V Distortion Hard)	Distortion which simulates the sound of a vintage tube, fuzz effect, etc.	98	0	
	*1 V_DIST SOFT (V Distortion Soft)		98	2	
	DIST HARD1 (Distortion Hard 1)		Hard-edge distortion.	75	16
	DIST HARD2 (Distortion Hard 2)		75	22	
	DIST SOFT1 (Distortion Soft 1)		Soft, warm distortion.	75	17
	DIST SOFT2 (Distortion Soft 2)		75	23	
	DIST HEAVY (Distortion Heavy)	Heavy distortion.	73	0	
	OVERDRIVE	Adds mild distortion to the sound.	74	0	

Effect Type List / Liste der Effektypen / Liste des types d'effet / Lista de tipos de efecto

	Type	Description	MSB	LSB	
DISTORTION	*1 ST DIST (Stereo Distortion)	Stereo distortion.	73	8	
	*1 ST OD (Stereo Overdrive)	Stereo overdrive.	74	8	
	*1 ST DIST HARD (Stereo Distortion Hard)	Hard-edge stereo distortion.	75	18	
	*1 ST DIST SOFT (Stereo Distortion Soft)	Soft, warm soft distortion.	75	19	
	AMP SIM1 (Amp Simulator 1)	A simulation of a guitar amp.	75	0	
	*1 AMP SIM2 (Amp Simulator 2)		75	1	
	*2 ST AMP1 (Stereo Amp Simulator 1)		75	20	
	*2 ST AMP2 (Stereo Amp Simulator 2)		75	21	
	*2 ST AMP3 (Stereo Amp Simulator 3)		75	8	
	*2 ST AMP4 (Stereo Amp Simulator 4)		75	24	
	*2 ST AMP5 (Stereo Amp Simulator 5)		75	25	
	*2 ST AMP6 (Stereo Amp Simulator 6)	75	26		
	DISTORTION+ (Distortion/ Overdrive mixed with other effects)	*1 DST+DELAY1 (Distortion + Delay 1)	Distortion and Delay are connected in series.	95	16
		*1 DST+DELAY2 (Distortion + Delay 2)		95	0
*1 OD+DELAY1 (Overdrive + Delay 1)		Overdrive and Delay are connected in series.	95	17	
*1 OD+DELAY2 (Overdrive + Delay 2)			95	1	
*1 CMP+DST+DLY1 (Compressor + Distortion + Delay 1)		Compressor, Distortion and Delay are connected in series.	96	16	
*1 CMP+DST+DLY2 (Compressor + Distortion + Delay 2)			96	0	
*1 CMP+OD+DLY1 (Compressor + Overdrive + Delay 1)		Compressor, Overdrive and Delay are connected in series.	96	17	
*1 CMP+OD+DLY2 (Compressor + Overdrive + Delay 2)			96	1	
*1 V_DST H+DLY (V Distortion Hard + Delay)		V Distortion Hard and Delay are connected in series.	98	1	
*1 V_DST S+DLY (V Distortion Soft + Delay)		V Distortion Soft and Delay are connected in series.	98	3	
*1 DST+TDLY (Distortion + Tempo Delay)		Distortion and Tempo Delay are connected in series.	100	0	
*1 OD+TDLY (Overdrive + Tempo Delay)		Overdrive and Tempo Delay are connected in series.	100	1	
*1 COMP+DIST1 (Compressor + Distortion 1)		Since a Compressor is included in the first stage, steady distortion can be produced regardless of changes in input level.	73	16	
*1 COMP+DIST2 (Compressor + Distortion 2)			73	1	
*1 CMP+DST+TDL (Compressor + Distortion + Tempo Delay)		Compressor, Distortion and Tempo Delay are connected in series.	101	0	
*1 CMP+OD+TDLY1 (Compressor + Overdrive + Tempo Delay 1)		Compressor, Overdrive and Tempo Delay are connected in series.	101	1	
*1 CMP+OD+TDLY2 (Compressor + Overdrive + Tempo Delay 2)			101	16	
*1 CMP+OD+TDLY3 (Compressor + Overdrive + Tempo Delay 3)			101	17	
*1 CMP+OD+TDLY4 (Compressor + Overdrive + Tempo Delay 4)			101	18	
*1 CMP+OD+TDLY5 (Compressor + Overdrive + Tempo Delay 5)			101	19	
*1 CMP+OD+TDLY6 (Compressor + Overdrive + Tempo Delay 6)			101	20	
*1 V_DST H+TDL1 (V Distortion Hard + Tempo Delay 1)		V Distortion Hard and Tempo Delay are connected in series.	103	0	
*1 V_DST H+TDL2 (V Distortion Hard + Tempo Delay 2)			103	17	
*1 V_DST S+TDL1 (V Distortion Soft + Tempo Delay 1)		V Distortion Soft and Tempo Delay are connected in series.	103	1	
*1 V_DST S+TDL2 (V Distortion Soft + Tempo Delay 2)		103	16		
PITCH CHANGE	*1 PITCH CHG1 (Pitch Change 1)	Changes the pitch of the input signal.	80	16	
	*1 PITCH CHG2 (Pitch Change 2)		80	0	
	*1 PITCH CHG3 (Pitch Change 3)		80	1	
WAH AUTO	AUTO WAH1	Cyclically modulates the center frequency of a wah filter.	78	16	
	AUTO WAH2		78	0	
	*1 AT.WAH+DST1 (Auto Wah + Distortion 1)	The output of an Auto Wah can be distorted by Distortion.	78	17	
	*1 AT.WAH+DST2 (Auto Wah + Distortion 2)		78	1	
	*1 AT.WH+DST HD (Auto Wah + Distortion Hard)		78	21	
	*1 AT.WH+DST HV (Auto Wah + Distortion Heavy)		78	23	
	*1 AT.WH+DST LT (Auto Wah + Distortion Lite)		78	25	
	*1 AT.WAH+OD1 (Auto Wah + Overdrive 1)	The output of an Auto Wah can be distorted by Overdrive.	78	18	
	*1 AT.WAH+OD2 (Auto Wah + Overdrive 2)		78	2	
	*1 AT.WH+OD HD (Auto Wah + Overdrive Hard)		78	22	
	*1 AT.WH+OD HV (Auto Wah + Overdrive Heavy)		78	24	
	*1 AT.WH+OD LT (Auto Wah + Overdrive Lite)		78	26	
	TEMPO AT.WAH (Tempo Auto Wah)	Tempo-synchronized Auto Wah.	79	0	
	*1 T_AT.WH+DST (Tempo Auto Wah + Distortion)	Tempo-synchronized Auto Wah. The output can be distorted by Distortion.	79	1	
	*1 T_A.WH+DSTHD (Tempo Auto Wah + Distortion Hard)		79	21	
	*1 T_A.WH+DSTHV (Tempo Auto Wah + Distortion Heavy)		79	23	
	*1 T_A.WH+DSTLT (Tempo Auto Wah + Distortion Lite)		79	25	
	*1 T_AT.WH+OD (Tempo Auto Wah + Overdrive)	Tempo-synchronized Auto Wah. The output can be distorted by Overdrive.	79	2	
	*1 T_A.WH+OD HD (Tempo Auto Wah + Overdrive Hard)		79	22	
*1 T_A.WH+OD HV (Tempo Auto Wah + Overdrive Heavy)	79		24		
*1 T_A.WH+OD LT (Tempo Auto Wah + Overdrive Lite)	79		26		
WAH TCH/PDL (Touch Wah/ Pedal Wah)	TOUCH WAH1	Changes the center frequency of a wah filter according to the input level.	82	0	
	TOUCH WAH2		82	8	
	*1 TOUCH WAH3				
	*1 TC.WH+DST1 (Touch Wah + Distortion 1)	The output of a Touch Wah can be distorted by Distortion.	82	16	
	*1 TC.WH+DST2 (Touch Wah + Distortion 2)		82	1	
	*1 TC.WH+DST HD (Touch Wah + Distortion Hard)		82	21	
	*1 TC.WH+DST HV (Touch Wah + Distortion Heavy)		82	23	
	*1 TC.WH+DST LT (Touch Wah + Distortion Lite)		82	25	
	*1 TC.WAH+OD1 (Touch Wah + Overdrive 1)	The output of a Touch Wah can be distorted by Overdrive.	82	17	
	*1 TC.WAH+OD2 (Touch Wah + Overdrive 2)		82	2	
	*1 TC.WAH+OD HD (Touch Wah + Overdrive Hard)		82	22	
	*1 TC.WAH+OD HV (Touch Wah + Overdrive Heavy)		82	24	
	*1 TC.WAH+OD LT (Touch Wah + Overdrive Lite)		82	26	
	*1 WH+DST+DLY1 (Wah + Distortion + Delay 1)	Wah, Distortion and Delay are connected in series.	97	16	
	*1 WH+DST+DLY2 (Wah + Distortion + Delay 2)		97	0	
	*1 WH+DST+TDLY (Wah + Distortion + Tempo Delay)	Wah, Distortion and Tempo Delay are connected in series.	102	0	
	*1 WH+OD+DLY1 (Wah + Overdrive + Delay 1)	Wah, Overdrive and Delay are connected in series.	97	17	
	*1 WH+OD+DLY2 (Wah + Overdrive + Delay 2)		97	1	
	*1 WH+OD+TDLY1 (Wah + Overdrive + Tempo Delay 1)	Wah, Overdrive and Tempo Delay are connected in series.	102	1	
	*1 WH+OD+TDLY2 (Wah + Overdrive + Tempo Delay 2)		102	16	
	CLAVI TC.WAH (Clavi Touch Wah)	Clavinet Touch Wah	82	18	
EP TC.WAH (EP Touch Wah)	EP Touch Wah	82	19		
*1 PEDAL WAH (Pedal Wah)	Changes the center frequency of a wah filter according to "Pedal Control" parameter. (See Effect Parameter List.)	122	0		

	Type	Description	MSB	LSB	
WAH TCH/PDL (Touch Wah/ Pedal Wah)	*1 PEDAL WH+DST (Pedal Wah + Distortion)	The output of a Pedal Wah can be distorted by Distortion.	122	1	
	*1 P.WH+DIST HD (Pedal Wah + Distortion Hard)		122	21	
	*1 P.WH+DIST HV (Pedal Wah + Distortion Heavy)		122	23	
	*1 P.WH+DIST LT (Pedal Wah + Distortion Lite)		122	25	
	*1 PEDAL WH+OD (Pedal Wah + Overdrive)	The output of a Pedal Wah can be distorted by Overdrive.	122	2	
	*1 P.WH+OD HD (Pedal Wah + Overdrive Hard)		122	22	
	*1 P.WH+OD HV (Pedal Wah + Overdrive Heavy)		122	24	
*1 P.WH+OD LT (Pedal Wah + Overdrive Lite)	122		26		
DYNAMIC	COMP MED (Compressor Medium)	Compressor with medium setting.	83	16	
	COMP HEAVY (Compressor Heavy)	Compressor with heavy setting.	83	17	
	*1 COMP MELODY (Compressor Melody)	Compressor for the Melody part.	105	16	
	*1 COMP BASS (Compressor Bass)	Compressor for the Bass part.	105	17	
	*1 MBAND COMP	Multi-band compressor that allows you to adjust the compression effect for individual frequency bands.	105	0	
	COMPRESSOR	Holds down the output level when a specified input level is exceeded. A sense of attack can also be added to the sound.	83	0	
	NOISE GATE	Gates the input when the input signal falls below a specified level.	84	0	
ROTARY SP	*1 DUAL ROT BRT (Dual Rotor Speaker Bright)	Simulates a rotary speaker.	99	16	
	*1 DUAL ROT WRM (Dual Rotor Speaker Warm)		99	17	
	*1 DUAL ROT SP1 (Dual Rotor Speaker 1)		99	0	
	*1 DUAL ROT SP2 (Dual Rotor Speaker 2)		99	1	
	ROTARY SP1 (Rotary Speaker 1)		69	16	
	ROTARY SP2 (Rotary Speaker 2)		71	17	
	ROTARY SP3 (Rotary Speaker 3)		71	18	
	ROTARY SP4 (Rotary Speaker 4)		70	17	
	ROTARY SP5 (Rotary Speaker 5)		66	18	
	ROTARY SP6 (Rotary Speaker 6)		69	0	
	ROTARY SP7 (Rotary Speaker 7)		71	22	
	*1 2WAY ROT SP (2-way Rotary Speaker)		86	0	
	*1 DST+ROT SP (Distortion + Rotary Speaker)		Distortion and rotary speaker connected in series.	69	1
	*1 DST+2ROT SP (Distortion + 2-way Rotary Speaker)		Distortion and 2-way rotary speaker connected in series.	86	1
*1 OD+ROT SP (Overdrive + Rotary Speaker)	Overdrive and rotary speaker connected in series.	69	2		
*1 OD+2ROT SP (Overdrive + 2-way Rotary Speaker)	Overdrive and 2-way rotary speaker connected in series.	86	2		
*1 AMP+ROT SP (Amp Simulator + Rotary Speaker)	Amp simulator and rotary speaker connected in series.	69	3		
*1 AMP+2ROT SP (Amp Simulator + 2-way Rotary Speaker)	Amp simulator and 2-way rotary speaker connected in series.	86	3		
TREMLO	TREMLO1	Rich Tremolo effect with both volume and pitch modulation.	70	16	
	TREMLO2		71	19	
	TREMLO3		70	0	
	EP TREMLO		70	18	
	GT TREMLO1 (Guitar Tremolo 1)		71	20	
	GT TREMLO2 (Guitar Tremolo 2)		70	19	
	VIBE VIBRATE		Vibraphone effect	119	0
	T_TREMLO (Tempo Tremolo)	Tempo-synchronized Tremolo.	120	0	
SPATIAL	AUTO PAN1	Several panning effects that automatically shift the sound position (left, right, front, back).	71	16	
	AUTO PAN2		71	0	
	*1 AUTO PAN3		71	1	
	EP AUTOPAN		71	21	
	T_AUTO PAN1 (Tempo Auto Pan 1)	Tempo-synchronized auto pan.	121	0	
	*1 T_AUTO PAN2 (Tempo Auto Pan 2)	121	1		
EQ/ENHANCER	EQ DISCO	Equalizer effect that boosts both high and low frequencies, as is typical in most disco music.	76	16	
	EQ TEL	Equalizer effect that cuts both high and low frequencies, to simulate the sound heard through a telephone receiver.	76	17	
	2BAND EQ	A stereo EQ with adjustable LOW and HIGH. Ideal for drum Parts.	77	0	
	3BAND EQ	A mono EQ with adjustable LOW, MID, and HIGH equalizing.	76	0	
	ST 3BAND EQ	A stereo EQ with adjustable LOW, MID, and HIGH equalizing.	76	18	
	HM ENHANCE1 (Harmonic Enhancer 1)	Adds new harmonics to the input signal to make the sound stand out.	81	16	
	HM ENHANCE2 (Harmonic Enhancer 2)		81	0	
MISC	*1 VCE CANCEL (Voice Cancel)	Attenuates the vocal part of a CD or other source.	85	0	
	*1 AMBIENCE	Blurs the stereo positioning of the sound to add spatial width.	88	0	
	*1 TALKING MOD (Talking Modulation)	Adds a vowel sound to the input signal.	93	0	
	*1 LOOP FX1	Degrades the audio quality of the input signal.	94	16	
	*1 LOOP FX2		94	17	
	*1 LO-FI		94	0	
	*1 LO-FI DRUM1		94	18	
	*1 LO-FI DRUM2	Degrades the audio quality of the input signal. For the drum part.	94	19	
	LO-FI DRUM3		76	19	
	LO-FI DRUM4		76	20	
	*1 DYN FILTER		Dynamically controlled filter.	109	0
	*1 DYN RINGMOD	Dynamically controlled Ring Modulator.	112	0	
*1 RING MOD	An effect that modifies the pitch by applying amplitude modulation to the frequency of the input.	113	0		
*1 ISOLATOR	Controls the level of a specified frequency band of the input signal.	115	0		
NO EFFECT	*3 -	No effect.	0	0	
THRU	-	Bypass without applying an effect.	64	0	

\*1 These types are not available for DSP 2 - 4.

\*2 These types become mono for DSP 2 - 4.

\*3 DSP 1 only

# Effect Parameter List / Liste der Effektparameter / Liste des paramètres d'effets / Lista de parámetros de efectos

- Parameters marked with a ● in the "Control" column can be controlled from an AC1 (assignable controller 1) etc. However, these only affect insertion type effects.
- Parameter 10 Dry/Wet only affects insertion type effects.

## Effect Name

**BASIC HALL, LIGHT HALL, HALL 1, 2, 3, 4, 5, HALL M, HALL L, ATMO HALL  
ROOM 1, 2, 3, 4, 5, 6, 7, ROOM S, ROOM M, ROOM L, ACOSTIC ROOM, DRUMS ROOM,  
PERC ROOM  
STAGE 1, 2, 3, 4  
PLATE 1, 2, 3, GM PLATE**

No.	Parameter	Display	Value	See Table	Control
1	Reverb Time	0.3 – 30.0s	0 – 69	table#4	
2	Diffusion	0 – 10	0 – 10		
3	Initial Delay	0.1mS – 200.0mS (*1) 0.1mS – 99.3mS (*2, *3)	0 – 127 0 – 63	table#5	
4	HPF Cutoff	Thru – 8.0kHz	0 – 52	table#3	
5	LPF Cutoff	1.0kHz – Thru	34 – 60	table#3	
6					
7					
8					
9					
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	●
11	Rev Delay	0.1mS – 200.0mS (*1) 0.1mS – 99.3mS (*2, *3)	0 – 127 0 – 63	table#5	
12	Density	0 – 4 (*1, *2) 0 – 2 (*3)	0 – 4		
13	Er/Rev Balance	E63>R – E=R – E<R63	1 – 127		
14	High Damp	0.1 – 1.0	1 – 10		
15	Feedback Level	-63 – +63	1 – 127	table#16	
16					

**BALLAD HALL, PIANO HALL, LARGE HALL, MEDIUM HALL  
WARM ROOM, WOODY ROOM  
RICH PLATE**

No.	Parameter	Display	Value	See Table	Control
1	Reverb Time	0.3 – 30.0s	0 – 69	table#4	
2	Diffusion	0 – 10	0 – 10		
3	Initial Delay	0.1mS – 200.0mS	0 – 127	table#5	
4	HPF Cutoff	Thru – 8.0kHz	0 – 52	table#3	
5	LPF Cutoff	1.0kHz – Thru	34 – 60	table#3	
6					
7					
8					
9					
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	●
11					
12					
13					
14	High Damp	0.1 – 1.0	1 – 10		
15					
16					

**DELAY LCR1, DELAY LCR2**

No.	Parameter	Display	Value	See Table	Control
1	Lch Delay	0.1 – 1638.3ms (*2) 0.1 – 1486.0ms (*3)	1 – 16383		
2	Rch Delay	0.1 – 1638.3ms (*2) 0.1 – 1486.0ms (*3)	1 – 16383		
3	Cch Delay	0.1 – 1638.3ms (*2) 0.1 – 1486.0ms (*3)	1 – 16383		
4	Feedback Delay	0.1 – 1638.3ms (*2) 0.1 – 1486.0ms (*3)	1 – 16383		
5	Feedback Level	-63 – +63	1 – 127	table#16	
6	Cch Level	0 – 127	0 – 127	table#18	
7	High Damp	0.1 – 1.0	1 – 10		
8					
9					
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	●
11					
12					
13	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
14	EQ Low Gain	-12 – +12dB	52 – 76		
15	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
16	EQ High Gain	-12 – +12dB	52 – 76		

**DELAY LR**

No.	Parameter	Display	Value	See Table	Control
1	Lch Delay	0.1 – 1638.3ms (*2) 0.1 – 1486.0ms (*3)	1 – 16383		
2	Rch Delay	0.1 – 1638.3ms (*2) 0.1 – 1486.0ms (*3)	1 – 16383		

No.	Parameter	Display	Value	See Table	Control
3	Feedback Delay 1	0.1 – 1638.3ms (*2) 0.1 – 1486.0ms (*3)	1 – 16383		
4	Feedback Delay 2	0.1 – 1638.3ms (*2) 0.1 – 1486.0ms (*3)	1 – 16383		
5	Feedback Level	-63 – +63	1 – 127	table#16	
6	High Damp	0.1 – 1.0	1 – 10		
7					
8					
9					
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	●
11					
12					
13	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
14	EQ Low Gain	-12 – +12dB	52 – 76		
15	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
16	EQ High Gain	-12 – +12dB	52 – 76		

**ECHO**

No.	Parameter	Display	Value	See Table	Control
1	Lch Delay1	0.1 – 1486.0ms (*2) 0.1 – 743.0ms (*3)	1 – 14860		
2	Lch Feedback Level	-63 – +63	1 – 127	table#16	
3	Rch Delay1	0.1 – 1486.0ms (*2) 0.1 – 743.0ms (*3)	1 – 14860		
4	Rch Feedback Level	-63 – +63	1 – 127	table#16	
5	High Damp	0.1 – 1.0	1 – 10		
6	Lch Delay2	0.1 – 1486.0ms (*2) 0.1 – 743.0ms (*3)	1 – 14860		
7	Rch Delay2	0.1 – 1486.0ms (*2) 0.1 – 743.0ms (*3)	1 – 14860		
8	Delay2 Level	0 – 127	0 – 127	table#18	
9					
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	●
11					
12					
13	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
14	EQ Low Gain	-12 – +12dB	52 – 76		
15	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
16	EQ High Gain	-12 – +12dB	52 – 76		

**CROSS DELAY 1, CROSS DELAY 2**

No.	Parameter	Display	Value	See Table	Control
1	L->R Delay	0.1 – 1486.0ms (*2) 0.1 – 743.0ms (*3)	1 – 14860		
2	R->L Delay	0.1 – 1486.0ms (*2) 0.1 – 743.0ms (*3)	1 – 14860		
3	Feedback Level	-63 – +63	1 – 127	table#16	
4	Input Select	L, R, L&R	0 – 2		
5	High Damp	0.1 – 1.0	1 – 10		
6					
7					
8					
9					
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	●
11					
12					
13	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
14	EQ Low Gain	-12 – +12dB	52 – 76		
15	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
16	EQ High Gain	-12 – +12dB	52 – 76		

**ER1, ER2**

No.	Parameter	Display	Value	See Table	Control
1	Type	S-H, L-H, Rdm, Rvs, Plt, Spr	0 – 5		
2	Room Size	0.1 – 20.0	0 – 127	table#6	
3	Diffusion	0 – 10	0 – 10		
4	Initial Delay	0.1mS – 200.0mS	0 – 127	table#5	
5	Feedback Level	-63 – +63	1 – 127	table#16	
6	HPF Cutoff	Thru – 8.0kHz	0 – 52	table#3	
7	LPF Cutoff	1.0kHz – Thru	34 – 60	table#3	
8					
9					
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	●
11	Liveness	0 – 10	0 – 10		
12	Density	0 – 3	0 – 3		
13	High Damp	0.1 – 1.0	1 – 10		
14					
15					
16					

**GATE REVERB  
REVERB GATE**

No.	Parameter	Display	Value	See Table	Control
1	Type	TypeA, TypeB	0 – 1		
2	Room Size	0.1 – 20.0	0 – 127	table#6	
3	Diffusion	0 – 10	0 – 10		
4	Initial Delay	0.1mS – 200.0mS	0 – 127	table#5	
5	Feedback Level	-63 – +63	1 – 127	table#16	
6	HPF Cutoff	Thru – 8.0kHz	0 – 52	table#3	
7	LPF Cutoff	1.0kHz – Thru	34 – 60	table#3	
8					
9					
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	●
11	Liveness	0 – 10	0 – 10		
12	Density	0 – 3	0 – 3		
13	High Damp	0.1 – 1.0	1 – 10		
14					
15					
16					

**WHITE ROOM  
TUNNEL  
CANYON  
BASEMENT**

No.	Parameter	Display	Value	See Table	Control
1	Reverb Time	0.3 – 30.0s	0 – 69	table#4	
2	Diffusion	0 – 10	0 – 10		
3	Initial Delay	0.1mS – 200.0mS (*1) 0.1mS – 99.3mS (*2)	0 – 127	table#5	
4	HPF Cutoff	Thru – 8.0kHz	0 – 52	table#3	
5	LPF Cutoff	1.0kHz – Thru	34 – 60	table#3	
6	Width	0.5 – 30.2m (*1) 0.5 – 10.2m (*2)	0 – 104	table#11	
7	Height	0.5 – 30.2m (*1) 0.5 – 20.2m (*2)	0 – 104	table#11	
8	Depth	0.5 – 30.2m	0 – 104	table#11	
9	Wall Vary	0 – 30	0 – 30		
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	●
11	Rev Delay	0.1mS – 200.0mS (*1) 0.1mS – 99.3mS (*2)	0 – 127	table#5	
12	Density	0 – 4	0 – 4		
13	Er/Rev Balance	E63>R – E=R – E<R63	1 – 127		
14	High Damp	0.1 – 1.0	1 – 10		
15	Feedback Level	-63 – +63	1 – 127	table#16	
16					

**KARAOKE 1, 2, 3**

No.	Parameter	Display	Value	See Table	Control
1	Delay Time	0.1mS – 400.0mS	0 – 127	table#7	
2	Feedback Level	-63 – +63	1 – 127	table#16	
3	HPF Cutoff	Thru – 8.0kHz	0 – 52	table#3	
4	LPF Cutoff	1.0kHz – Thru	34 – 60	table#3	
5					
6					
7					
8					
9					
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	●
11	Density	0 – 3	0 – 3		
12					
13					
14					
15					
16					

**TEMPO DELAY 1, 2  
TEMPO ECHO**

No.	Parameter	Display	Value	See Table	Control
1	Delay Time	64th/3 – 4thx6	0 – 19	table#14	
2	Feedback Level	-63 – +63	1 – 127	table#16	
3	Feedback High Dump	0.1 – 1.0	1 – 10		
4	L/R Diffusion	1(-63ms) – 64(0ms) – 127(63ms)	1 – 127		
5	Lag	1(-63ms) – 64(0ms) – 127(63ms)	1 – 127		
6					
7					
8					
9					
10	Dry/Wet	D63>W – D=W – D<W=63	1 – 127	table#15	●
11					
12					
13	EQ Low Frequency	32Hz – 2.0kHz	4 – 40		

No.	Parameter	Display	Value	See Table	Control
14	EQ Low Gain	-12 – +12dB	52 – 76		
15	EQ High Frequency	500Hz – 16.0kHz	28 – 58		
16	EQ High Gain	-12 – +12dB	52 – 76		

**TEMPO CROSS 1, 2, 3, 4**

No.	Parameter	Display	Value	See Table	Control
1	Delay Time L>R	64th/3 – 4thx6	0 – 19	table#14	
2	Delay Time R>L	64th/3 – 4thx6	0 – 19	table#14	
3	Feedback Level	-63 – +63	1 – 127	table#16	
4	Input Select	L, R, L&R	0 – 2		
5	Feedback High Dump	0.1 – 1.0	1 – 10		
6	Lag	1(-63ms) – 64(0ms) – 127(63ms)	1 – 127		
7					
8					
9					
10	Dry/Wet	D63>W – D=W – D<W=63	1 – 127	table#15	●
11					
12					
13	EQ Low Frequency	32Hz – 2.0kHz	4 – 40		
14	EQ Low Gain	-12 – +12dB	52 – 76		
15	EQ High Frequency	500Hz – 16.0kHz	28 – 58		
16	EQ High Gain	-12 – +12dB	52 – 76		

**CHORUS 5, 6, 7, 8, CHORUS FAST, CHORUS LITE, GM CHORUS 1, 2, 3, 4, FB CHORUS  
CHORUS 1, 2, 3, 4, CELESTE 1, 2, ROTARY SP5**

No.	Parameter	Display	Value	See Table	Control
1	LFO Frequency	0.00Hz – 39.7Hz	0 – 127	table#1	
2	LFO Depth	0 – 127	0 – 127	table#19	
3	Feedback Level	-63 – +63	1 – 127	table#17	
4	Delay Offset	0.0mS – 50mS	0 – 127	table#2	
5					
6	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
7	EQ Low Gain	-12 – +12dB	52 – 76		
8	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
9	EQ High Gain	-12 – +12dB	52 – 76		
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	●
11	EQ Mid Frequency (*4)	100Hz – 10.0kHz	14 – 54	table#3	
12	EQ Mid Gain (*4)	-12 – +12dB	52 – 76		
13	EQ Mid Width (*4)	0.1 – 12.0	1 – 120		
14					
15	Input Mode	mono/stereo	0 – 1		
16					

**FLANGER 1, 2, 3, 4, 5, GM FLANGER**

No.	Parameter	Display	Value	See Table	Control
1	LFO Frequency	0.00Hz – 39.7Hz	0 – 127	table#1	
2	LFO Depth	0 – 127	0 – 127	table#19	
3	Feedback Level	-63 – +63	1 – 127	table#17	
4	Delay Offset	0.0mS – 50mS	0 – 127	table#2	
5					
6	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
7	EQ Low Gain	-12 – +12dB	52 – 76		
8	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
9	EQ High Gain	-12 – +12dB	52 – 76		
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	●
11	EQ Mid Frequency (*4)	100Hz – 10.0kHz	14 – 54	table#3	
12	EQ Mid Gain (*4)	-12 – +12dB	52 – 76		
13	EQ Mid Width (*4)	0.1 – 12.0	1 – 120		
14	LFO Phase Difference	-180 – +180deg (resolution=3deg.)	4 – 124		
15					
16					

Effect Parameter List / Liste der Effektparameter / Liste des paramètres d'effets / Lista de parámetros de efectos

**SYMPHONIC 1, 2**

No.	Parameter	Display	Value	See Table	Control
1	LFO Frequency	0.00Hz – 39.7Hz	0 – 127	table#1	
2	LFO Depth	0 – 127	0 – 127	table#19	
3	Delay Offset	0.0mS – 50mS	0 – 127	table#2	
4					
5					
6	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
7	EQ Low Gain	-12 – +12dB	52 – 76		
8	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
9	EQ High Gain	-12 – +12dB	52 – 76		
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	●
11	EQ Mid Frequency (*4)	100Hz – 10.0kHz	14 – 54	table#3	
12	EQ Mid Gain (*4)	-12 – +12dB	52 – 76		
13	EQ Mid Width (*4)	0.1 – 12.0	1 – 120		
14					
15					
16					

**ROTARY SP 1, 6**

No.	Parameter	Display	Value	See Table	Control
1	LFO Frequency	0.00Hz – 39.7Hz	0 – 127	table#1	●
2	LFO Depth	0 – 127	0 – 127	table#19	
3					
4					
5					
6	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
7	EQ Low Gain	-12 – +12dB	52 – 76		
8	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
9	EQ High Gain	-12 – +12dB	52 – 76		
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	
11	EQ Mid Frequency (*4)	100Hz – 10.0kHz	14 – 54	table#3	
12	EQ Mid Gain (*4)	-12 – +12dB	52 – 76		
13	EQ Mid Width (*4)	0.1 – 12.0	1 – 120		
14					
15					
16					

**DST+ROT SP  
OD+ROT SP**

No.	Parameter	Display	Value	See Table	Control
1	LFO Frequency	0.00Hz – 39.7Hz	0 – 127	table#1	●
2	LFO Depth	0 – 127	0 – 127	table#19	
3					
4					
5					
6	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
7	EQ Low Gain	-12 – +12dB	52 – 76		
8	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
9	EQ High Gain	-12 – +12dB	52 – 76		
10	Dry/Wet	D63>W – D=W – D<W=63	1 – 127	table#15	
11					
12					
13					
14	Drive	0 – 127	0 – 127		
15	LPF Cutoff	1kHz – Thru	34 – 60	table#3	
16	Output Level	0 – 127	0 – 127	table#18	

**AMP+ROT SP**

No.	Parameter	Display	Value	See Table	Control
1	LFO Frequency	0.00Hz – 39.7Hz	0 – 127	table#1	●
2	LFO Depth	0 – 127	0 – 127	table#19	
3	AMP Type	Off, Stack, Combo, Tube	0 – 3		
4					
5					
6	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
7	EQ Low Gain	-12 – +12dB	52 – 76		
8	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
9	EQ High Gain	-12 – +12dB	52 – 76		
10	Dry/Wet	D63>W – D=W – D<W=63	1 – 127	table#15	
11					
12					
13					
14	Drive	0 – 127	0 – 127		
15	LPF Cutoff	1kHz – Thru	34 – 60	table#3	
16	Output Level	0 – 127	0 – 127	table#18	

**TREMOLO 1, 3, EP TREMOLO, GT TREMOLO 2, ROTARY SP 4**

No.	Parameter	Display	Value	See Table	Control
1	LFO Frequency	0.00Hz – 39.7Hz	0 – 127	table#1	●
2	AM Depth	0 – 127	0 – 127		
3	PM Depth	0 – 127	0 – 127		
4					
5					
6	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
7	EQ Low Gain	-12 – +12dB	52 – 76		
8	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
9	EQ High Gain	-12 – +12dB	52 – 76		
10					
11	EQ Mid Frequency (*4)	100Hz – 10.0kHz	14 – 54	table#3	
12	EQ Mid Gain (*4)	-12 – +12dB	52 – 76		
13	EQ Mid Width (*4)	0.1 – 12.0	1 – 120		
14	LFO Phase Difference	-180 – +180deg (resolution=3deg.)	4 – 124		
15	Input Mode	mono/stereo	0 – 1		
16					

**AUTO PAN 1, 2, EP AUTOPAN, TREMOLO 2, GT TREMOLO 1, ROTARY SP 2, 3, 7**

No.	Parameter	Display	Value	See Table	Control
1	LFO Frequency	0.00Hz – 39.7Hz	0 – 127	table#1	●
2	L/R Depth	0 – 127	0 – 127		
3	F/R Depth	0 – 127	0 – 127		
4	PAN Direction	L<->R, L->R, L<-R, Lturn, Rturn, L/R	0 – 5		
5					
6	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
7	EQ Low Gain	-12 – +12dB	52 – 76		
8	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
9	EQ High Gain	-12 – +12dB	52 – 76		
10					
11	EQ Mid Frequency (*4)	100Hz – 10.0kHz	14 – 54	table#3	
12	EQ Mid Gain (*4)	-12 – +12dB	52 – 76		
13	EQ Mid Width (*4)	0.1 – 12.0	1 – 120		
14					
15					
16					

**AUTO PAN 3**

No.	Parameter	Display	Value	See Table	Control
1	LFO Frequency	0.00Hz – 39.7Hz	0 – 127	table#1	●
2	L/R Depth	0 – 127	0 – 127		
3	F/R Depth	0 – 127	0 – 127		
4	PAN Direction	L<->R, L->R, L<-R, Lturn, Rturn, L/R	0 – 5		
5	LFO Wave	0 – 28	0 – 28		
6	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
7	EQ Low Gain	-12 – +12dB	52 – 76		
8	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
9	EQ High Gain	-12 – +12dB	52 – 76		
10					
11	EQ Mid Frequency (*4)	100Hz – 10.0kHz	14 – 54	table#3	
12	EQ Mid Gain (*4)	-12 – +12dB	52 – 76		
13	EQ Mid Width (*4)	0.1 – 12.0	1 – 120		
14					
15	Input Mode	Mono, Stereo	0 – 1		
16					

**PHASER 1, EP PHASER 1, 2, 3**

No.	Parameter	Display	Value	See Table	Control
1	LFO Frequency	0.00Hz – 39.7Hz	0 – 127	table#1	
2	LFO Depth	0 – 127	0 – 127	table#19	
3	Phase Shift Offset	0 – 127	0 – 127		
4	Feedback Level	-63 – +63	1 – 127	table#16	
5					
6	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
7	EQ Low Gain	-12 – +12dB	52 – 76		
8	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
9	EQ High Gain	-12 – +12dB	52 – 76		
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	●
11	Stage	4 – 22 (*2) 4 – 12 (*3)	4 – 22		
12	Diffusion	mono/stereo	0 – 1		
13					
14					
15					
16					



**PHASER 2, 3**

No.	Parameter	Display	Value	See Table	Control
1	LFO Frequency	0.00Hz – 39.7Hz	0 – 127	table#1	
2	LFO Depth	0 – 127	0 – 127	table#19	
3	Phase Shift Offset	0 – 127	0 – 127		
4	Feedback Level	-63 – +63	1 – 127	table#16	
5					
6	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
7	EQ Low Gain	-12 – +12dB	52 – 76		
8	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
9	EQ High Gain	-12 – +12dB	52 – 76		
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	●
11	Stage	3 – 11	3 – 11		
12					
13	LFO Phase Difference	-180deg – +180deg (resolution=3deg.)	4 – 124		
14					
15					
16					

**AMP SIM 1, DIST HARD 1, DIST HARD 2, DIST SOFT 1, DIST SOFT 2**

No.	Parameter	Display	Value	See Table	Control
1	Drive	0 – 127	0 – 127		●
2	AMP Type	Off, Stack, Combo, Tube	0 – 3		
3	LPF Cutoff	1.0kHz – Thru	34 – 60	table#3	
4	Output Level	0 – 127	0 – 127	table#18	
5					
6					
7					
8					
9					
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	
11	Edge (Clip Curve)	0 – 127 (mild – sharp)	0 – 127		
12					
13					
14					
15					
16					

**DIST HEAVY OVERDRIVE**

No.	Parameter	Display	Value	See Table	Control
1	Drive	0 – 127	0 – 127		●
2	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
3	EQ Low Gain	-12 – +12dB	52 – 76		
4	LPF Cutoff	1.0kHz – Thru	34 – 60	table#3	
5	Output Level	0 – 127	0 – 127	table#18	
6					
7	EQ Mid Frequency	100Hz – 10.0kHz	14 – 54	table#3	
8	EQ Mid Gain	-12 – +12dB	52 – 76		
9	EQ Mid Width	0.1 – 12.0	1 – 120		
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	
11	Edge (Clip Curve)	0 – 127 (mild – sharp)	0 – 127		
12					
13					
14					
15					
16					

**AMP SIM 2**

No.	Parameter	Display	Value	See Table	Control
1	Drive	0 – 127	0 – 127		●
2	AMP Type	Off, Stack, Combo, Tube, Crunch, Hi gain, British	0 – 6		
3	LPF Cutoff	1.0kHz – Thru	34 – 60	table#3	
4	Output Level	0 – 127	0 – 127	table#18	
5					
6					
7					
8					
9					
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	
11					
12					
13					
14					
15					
16					

**COMP+DIST 1, 2**

No.	Parameter	Display	Value	See Table	Control
1	Drive	0 – 127	0 – 127		●
2	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
3	EQ Low Gain	-12 – +12dB	52 – 76		
4	LPF Cutoff	1.0kHz – Thru	34 – 60	table#3	
5	Output Level	0 – 127	0 – 127	table#18	
6					
7	EQ Mid Frequency	100Hz – 10.0kHz	14 – 54	table#3	
8	EQ Mid Gain	-12 – +12dB	52 – 76		
9	EQ Mid Width	0.1 – 12.0	1 – 120		
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	
11	Edge (Clip Curve)	0 – 127 (mild – sharp)	0 – 127		
12	Attack	1ms – 40ms	0 – 19	table#8	
13	Release	10ms – 680ms	0 – 15	table#9	
14	Threshold	-48dB – -6dB	79 – 121		
15	Ratio	1.0 – 20.0	0 – 7	table#10	
16					

**ST AMP SOLID, ST AMP CRUNC, ST AMP BLUES, ST AMP CLEAN, ST AMP HARP ST AMP 1, 2, 3, 4, 5, 6, ST DIST HARD, ST DIST SOFT**

No.	Parameter	Display	Value	See Table	Control
1	Drive	0 – 127	0 – 127		●
2	AMP Type	Off, Stack, Combo, Tube	0 – 3		
3	LPF Cutoff	1kHz – Thru	34 – 60	table#3	
4	Output Level	0 – 127	0 – 127	table#18	
5					
6					
7					
8					
9					
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	
11	Edge (Clip Curve)	0 – 127 (mild – sharp)	0 – 127		
12					
13					
14					
15					
16					

**ST DIST ST OD**

No.	Parameter	Display	Value	See Table	Control
1	Drive	0 – 127	0 – 127		●
2	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
3	EQ Low Gain	-12 – +12dB	52 – 76		
4	LPF Cutoff	1kHz – Thru	34 – 60		
5	Output Level	0 – 127	0 – 127	table#18	
6					
7	EQ Mid Frequency	100Hz – 10.0kHz	14 – 54	table#3	
8	EQ Mid Gain	-12 – +12dB	52 – 76		
9	EQ Mid Width	0.1 – 12.0	1 – 120		
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	
11	Edge (Clip Curve)	0 – 127	0 – 127		
12					
13					
14					
15					
16					

Effect Parameter List / Liste der Effektparameter / Liste des paramètres d'effets / Lista de parámetros de efectos

3 BAND EQ, EQ DISCO, EQ TEL, ST 3 BAND EQ, LO-FI DRUM 3, 4

No.	Parameter	Display	Value	See Table	Control
1	EQ Low Gain	-12 – +12dB	52 – 76		
2	EQ Mid Frequency	100Hz – 16.0kHz	14 – 58	table#3	
3	EQ Mid Gain	-12 – +12dB	52 – 76		
4	EQ Mid Width	0.1 – 12.0	1 – 120		
5	EQ High Gain	-12 – +12dB	52 – 76		
6	EQ Low Frequency	50Hz – 2.0kHz	8 – 40	table#3	
7	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
8					
9					
10					
11					
12					
13					
14					
15	Input Mode	mono/stereo	0 – 1		
16					

2 BAND EQ

No.	Parameter	Display	Value	See Table	Control
1	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
2	EQ Low Gain	-12 – +12dB	52 – 76		
3	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
4	EQ High Gain	-12 – +12dB	52 – 76		
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					

AUTO WAH 1, 2

No.	Parameter	Display	Value	See Table	Control
1	LFO Frequency	0.00Hz – 39.7Hz	0 – 127	table#1	
2	LFO Depth	0 – 127	0 – 127	table#19	
3	Cutoff Frequency Offset	0 – 127	0 – 127		●
4	Resonance	1.0 – 12.0	10 – 120		
5					
6	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
7	EQ Low Gain	-12 – +12dB	52 – 76		
8	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
9	EQ High Gain	-12 – +12dB	52 – 76		
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	
11	Drive (*4)	0 – 127	0 – 127		
12					
13					
14					
15					
16					

AT.WAH+DST 1, 2, AT.WH+DST HD, AT.WH+DST HV, AT.WH+DST LT  
AT.WAH+OD 1, 2, AT.WH+OD HD, AT.WH+OD HV, AT.WH+OD LT

No.	Parameter	Display	Value	See Table	Control
1	LFO Frequency	0.00Hz – 39.7Hz	0 – 127	table#1	
2	LFO Depth	0 – 127	0 – 127	table#19	
3	Cutoff Frequency Offset	0 – 127	0 – 127		●
4	Resonance	1.0 – 12.0	10 – 120		
5					
6	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
7	EQ Low Gain	-12 – +12dB	52 – 76		
8	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
9	EQ High Gain	-12 – +12dB	52 – 76		
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	
11	Drive	0 – 127	0 – 127		
12	EQ Low Gain (distortion)	-12 – +12dB	52 – 76		
13	EQ Mid Gain (distortion)	-12 – +12dB	52 – 76		
14	LPF Cutoff	1.0kHz – thru	34 – 60	table#3	
15	Output Level	0 – 127	0 – 127	table#18	
16					

TEMPO AT.WAH

No.	Parameter	Display	Value	See Table	Control
1	LFO Freq	16th – 4thx16	5 – 29	table#14	
2	LFO Depth	0 – 127	0 – 127	table#19	
3	Cutoff Frequency Offset	0 – 127	0 – 127		●
4	Resonance	1.0 – 12.0	10 – 120		
5					
6	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
7	EQ Low Gain	-12 – +12dB	52 – 76		
8	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
9	EQ High Gain	-12 – +12dB	52 – 76		
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	
11	Drive (*4)	0 – 127	0 – 127		
12					
13					
14					
15					
16					

T\_AT.WH+DST, T\_A.WH+DSTHD, T\_A.WH+DSTHV, T\_A.WH+DSTLT  
T\_AT.WH+OD, T\_A.WH+OD HD, T\_A.WH+OD HV, T\_A.WH+OD LT

No.	Parameter	Display	Value	See Table	Control
1	LFO Freq	16th – 4thx16	5 – 29	table#14	
2	LFO Depth	0 – 127	0 – 127	table#19	
3	Cutoff Frequency Offset	0 – 127	0 – 127		●
4	Resonance	1.0 – 12.0	10 – 120		
5					
6	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
7	EQ Low Gain	-12 – +12dB	52 – 76		
8	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
9	EQ High Gain	-12 – +12dB	52 – 76		
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	
11	Drive	0 – 127	0 – 127		
12	EQ Low Gain (distortion)	-12 – +12dB	52 – 76		
13	EQ Mid Gain (distortion)	-12 – +12dB	52 – 76		
14	LPF Cutoff	1.0kHz – Thru	34 – 60	table#3	
15	Output Level	0 – 127	0 – 127	table#18	
16					

PITCH CHG 1, 2

No.	Parameter	Display	Value	See Table	Control
1	Pitch	-24 – +24	40 – 88		
2	Initial Delay	0.1mS – 400.0mS	0 – 127	table#7	
3	Fine 1	-50 – +50	14 – 114		
4	Fine 2	-50 – +50	14 – 114		
5	Feedback Level	-63 – +63	1 – 127		
6					
7					
8					
9					
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	●
11	Pan 1	L63 – R63	1 – 127		
12	Output Level 1	0 – 127	0 – 127	table#18	
13	Pan 2	L63 – R63	1 – 127		
14	Output Level 2	0 – 127	0 – 127	table#18	
15					
16					

PITCH CHG 3

No.	Parameter	Display	Value	See Table	Control
1	Pitch	-24 – +24	40 – 88		
2	Initial Delay	0.1mS – 400.0mS	0 – 127	table#7	
3	Fine 1	-50 – +50cent	14 – 114		
4	Fine 2	-50 – +50cent	14 – 114		
5	Feedback Level	-63 – +63	1 – 127		
6					
7					
8					
9					
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	●
11	Pan 1	L63 – R63	1 – 127		
12	Output Level 1	0 – 127	0 – 127	table#18	
13	Pan 2	L63 – R63	1 – 127		
14	Output Level 2	0 – 127	0 – 127	table#18	
15					
16					



**HM ENHANCE 1, 2**

No.	Parameter	Display	Value	See Table	Control
1	HPF Cutoff	500Hz – 16.0kHz	28 – 58		
2	Drive	0 – 127	0 – 127		
3	Mix Level	0 – 127	0 – 127		
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					

**NOISE GATE**

No.	Parameter	Display	Value	See Table	Control
1	Attack	1 – 40ms	0 – 19	table#8	
2	Release	10 – 680ms	0 – 15	table#9	
3	Threshold	-72 – -30dB	55 – 97		
4	Output Level	0 – 127	0 – 127	table#18	
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					

**TOUCH WAH 1, TC.WH+DST 1, TC.WH+DST 2**

No.	Parameter	Display	Value	See Table	Control
1	Sensitivity	0 – 127	0 – 127		
2	Cutoff Frequency Offset	0 – 127	0 – 127		●
3	Resonance	1.0 – 12.0	10 – 120		
4					
5					
6	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
7	EQ Low Gain	-12 – +12dB	52 – 76		
8	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
9	EQ High Gain	-12 – +12dB	52 – 76		
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	
11	Drive	0 – 127	0 – 127		
12					
13					
14					
15					
16					

**VCE CANCEL**

No.	Parameter	Display	Value	See Table	Control
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11	Low Adjust	0 – 26	0 – 26		
12	High Adjust	0 – 26	0 – 26		
13					
14					
15					
16					

**TOUCH WAH 2, 3**

TC.WH+DST HD, TC.WH+DST HV, TC.WH+DST LT  
 TC.WH+OD 1, 2, TC.WH+OD HD, TC.WH+OD HV, TC.WH+OD LT  
 CLAVI TC.WAH, EP TC.WAH

No.	Parameter	Display	Value	See Table	Control
1	Sensitivity	0 – 127	0 – 127		
2	Cutoff Frequency Offset	0 – 127	0 – 127		●
3	Resonance	1.0 – 12.0	10 – 120		
4					
5					
6	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
7	EQ Low Gain	-12 – +12dB	52 – 76		
8	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
9	EQ High Gain	-12 – +12dB	52 – 76		
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	
11	Drive	0 – 127	0 – 127		
12	EQ Low Gain (distortion)	-12 – +12dB	52 – 76		
13	EQ Mid Gain (distortion)	-12 – +12dB	52 – 76		
14	LPF Cutoff	1.0kHz – thru	34 – 60	table#3	
15	Output Level	0 – 127	0 – 127	table#18	
16	Release	10 – 680mS	52 – 67	table#12	

**2WAY ROT SP**

No.	Parameter	Display	Value	See Table	Control
1	Rotor Speed	0.0Hz – 39.7Hz	0 – 127	table#1	●
2	Drive Low	0 – 127	0 – 127		
3	Drive High	0 – 127	0 – 127		
4	Low/High	L63>H – L=H – L<H63	1 – 127		
5					
6	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
7	EQ Low Gain	-12 – +12dB	52 – 76		
8	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
9	EQ High Gain	-12 – +12dB	52 – 76		
10					
11	Crossover Frequency	100Hz – 10.0kHz	14 – 54	table#3	
12	Mic L-R Angle	0deg – 180deg (resolution=3deg.)	0 – 60		
13					
14					
15					
16					

**COMPRESSOR, COMP MED, COMP HEAVY**

No.	Parameter	Display	Value	See Table	Control
1	Attack	1 – 40ms	0 – 19	table#8	
2	Release	10 – 680ms	0 – 15	table#9	
3	Threshold	-48 – -6dB	79 – 121		
4	Ratio	1.0 – 20.0	0 – 7	table#10	
5	Output Level	0 – 127	0 – 127	table#18	
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					

Effect Parameter List / Liste der Effektparameter / Liste des paramètres d'effets / Lista de parámetros de efectos

**DST+2ROT SP  
OD+2ROT SP**

No.	Parameter	Display	Value	See Table	Control
1	Rotor Speed	0.0 – 39.7Hz	0 – 127	table#1	●
2	Drive Low	0 – 127	0 – 127		
3	Drive High	0 – 127	0 – 127		
4	Low/High Balance	L63>H – L=H – L<H=63	1 – 127		
5					
6	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
7	EQ Low Gain	-12 – +12dB	52 – 76		
8	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
9	EQ High Gain	-12 – +12dB	52 – 76		
10					
11	Crossover Frequency	100Hz – 10.0kHz	14 – 54	table#3	
12	Mic L-R Angle	0 – 180deg	0 – 60		
13					
14	Drive	0 – 127	0 – 127		
15	LPF Cutoff	1kHz – Thru	34 – 60		
16	Output Level	0 – 127	0 – 127	table#18	

**AMP+2ROT SP**

No.	Parameter	Display	Value	See Table	Control
1	Rotor Speed	0.0 – 39.7Hz	0 – 127	table#1	●
2	Drive Low	0 – 127	0 – 127		
3	Drive High	0 – 127	0 – 127		
4	Low/High Balance	L63>H – L=H – L<H=63	1 – 127		
5					
6	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
7	EQ Low Gain	-12 – +12dB	52 – 76		
8	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
9	EQ High Gain	-12 – +12dB	52 – 76		
10					
11	Crossover Frequency	100Hz – 10.0kHz	14 – 54	table#3	
12	Mic L-R Angle	0 – 180deg	0 – 60		
13	AMP Type	Off, Stack, Combo, Tube	0 – 3		
14	Drive	0 – 127	0 – 127		
15	LPF Cutoff	1kHz – Thru	34 – 60		
16	Output Level	0 – 127	0 – 127	table#18	

**ENS DETUNE 1, 2**

No.	Parameter	Display	Value	See Table	Control
1	Detune	-50 – +50cent	14 – 114		
2	Lch Init Delay	0.0mS – 50mS	0 – 127	table#2	
3	Rch Init Delay	0.0mS – 50mS	0 – 127	table#2	
4					
5					
6					
7					
8					
9					
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	●
11	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
12	EQ Low Gain	-12 – +12dB	52 – 76		
13	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
14	EQ High Gain	-12 – +12dB	52 – 76		
15					
16					

**AMBIENCE**

No.	Parameter	Display	Value	See Table	Control
1	Delay Time	0.0mS – 50mS	0 – 127	table#2	
2	Output Phase	normal/inverse	0 – 1		
3					
4					
5					
6	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
7	EQ Low Gain	-12 – +12dB	52 – 76		
8	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
9	EQ High Gain	-12 – +12dB	52 – 76		
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	●
11					
12					
13					
14					
15					
16					

**TALKING MOD**

No.	Parameter	Display	Value	See Table	Control
1	Vowel	a, i, u, e, o	0 – 4		●
2	Move speed	1 – 62	1 – 62		
3	Drive	0 – 127	0 – 127		
4	Output Level	0 – 127	0 – 127	table#18	
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					

**LO-FI, LOOP FX 1, 2, LO-FI DRUM 1, 2**

No.	Parameter	Display	Value	See Table	Control
1	Sampling Freq Control	44.1kHz – 345Hz	0 – 127	table#13	
2	Word Length	1 – 127	1 – 127		
3	Output Gain	-6 – +36dB	0 – 42		
4	LPF Cutoff	63Hz – Thru	10 – 60	table#3	
5	Filter Type	Thru, PowerBass, Radio, Tel, Clean, Low	0 – 5		
6	LPF Resonance	1.0 – 12.0	10 – 120		
7	Bit Assign	0 – 6	0 – 6		
8	Emphasis	Off/On	0 – 1		
9					
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	●
11					
12					
13					
14					
15	Input Mode	mono/stereo			
16					

**DST+DELAY 1, 2, OD+DELAY 1, 2**

No.	Parameter	Display	Value	See Table	Control
1	Lch Delay Time	0.1 – 1638.3ms	1 – 16383		
2	Rch Delay Time	0.1 – 1638.3ms	1 – 16383		
3	Delay Feedback Time	0.1 – 1638.3ms	1 – 16383		
4	Delay Feedback Level	-63 – +63	1 – 127	table#16	
5	Delay Mix	0 – 127	0 – 127		
6	Dist Drive	0 – 127	0 – 127		
7	Dist Output Level	0 – 127	0 – 127	table#18	
8	Dist EQ Low Gain	-12 – +12dB	52 – 76		
9	Dist EQ Mid Gain	-12 – +12dB	52 – 76		
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	●
11					
12					
13					
14					
15					
16					

**CMP+DST+DLY 1, 2, CMP+OD+DLY 1, 2**

No.	Parameter	Display	Value	See Table	Control
1	Delay Time	0.1 – 1638.3ms	1 – 16383		
2	Delay Feedback Level	-63 – +63	1 – 127	table#16	
3	Delay Mix	0 – 127	0 – 127		
4	Dist Drive	0 – 127	0 – 127		
5	Dist Output Level	0 – 127	0 – 127	table#18	
6	Dist EQ Low Gain	-12 – +12dB	52 – 76		
7	Dist EQ Mid Gain	-12 – +12dB	52 – 76		
8					
9					
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	●
11	Comp. Attack	1ms – 40ms	0 – 19	table#8	
12	Comp. Release	10ms – 680ms	0 – 15	table#9	
13	Comp. Threshold	-48dB – -6dB	79 – 121		
14	Comp. Ratio	1.0 – 20.0	0 – 7	table#10	
15					
16					

WH+DST+DLY1, 2, WH+OD+DLY1, 2

No.	Parameter	Display	Value	See Table	Control
1	Delay Time	0.1 – 1638.3ms	1 – 16383		
2	Delay Feedback Level	-63 – +63	1 – 127	table#16	
3	Delay Mix	0 – 127	0 – 127		
4	Dist Drive	0 – 127	0 – 127		
5	Dist Output Level	0 – 127	0 – 127	table#18	
6	Dist EQ Low Gain	-12 – +12dB	52 – 76		
7	Dist EQ Mid Gain	-12 – +12dB	52 – 76		
8					
9					
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	●
11	Wah Sensitivity	0 – 127	0 – 127		
12	Wah Cutoff Freq Offset	0 – 127	0 – 127		
13	Wah Resonance	1.0 – 12.0	10 – 120		
14	Wah Release	10 – 680ms	52 – 67	table#12	
15					
16					

V\_DIST HARD, V\_DIST SOFT, V\_DIST WARM, V\_DIST CLS H, V\_DIST CLS S, V\_DIST METAL, V\_DIST CRUNC, V\_DIST BLUES, V\_DIST EDGY, V\_DIST SOLID, V\_DIST CLEAN 1, 2, V\_DIST TWIN, V\_DIST JZ CLN

No.	Parameter	Display	Value	See Table	Control
1	Overdrive	0 – 100%	0 – 100		
2	Device	Transistor/Vintage Tube/ Dist1/Dist2/Fuzz	0 – 4		
3	Speaker	Flat/Stack/Combo/Twin/ Radio/Megaphone	0 – 5		
4	Presence	0 – 20	0 – 20		
5	Output Level	0 – 100%	0 – 100		
6					
7					
8					
9					
10	Dry/Wet Balance	D63>W – D=W – D<W63	1 – 127	table#15	●
11					
12					
13					
14					
15					
16					

V\_DIST H+DLY  
V\_DIST S+DLY

No.	Parameter	Display	Value	See Table	Control
1	Overdrive	0 – 100%	0 – 100		
2	Device	Transistor/Vintage Tube/ Dist1/Dist2/Fuzz	0 – 4		
3	Speaker	Flat/Stack/Combo/Twin/ Radio/Megaphone	0 – 5		
4	Presence	0 – 20	0 – 20		
5	Output Level	0 – 100%	0 – 100		
6	Delay Time L	0.1 – 1638.3ms	1 – 16383		
7	Delay Time R	0.1 – 1638.3ms	1 – 16383		
8	Delay Feedback Time	0.1 – 1638.3ms	1 – 16383		
9	Delay Feedback Level	-63 – +63	1 – 127	table#16	
10	Dry/Wet Balance	D63>W – D=W – D<W63	1 – 127	table#15	●
11	Delay Mix	0 – 127	0 – 127		
12	Feedback High Dump	0.1 – 1.0	1 – 10		
13					
14					
15					
16					

DUAL ROT SP1, 2, DUAL ROT BRT, DUAL ROT WRM

No.	Parameter	Display	Value	See Table	Control
1	Rotor Speed Slow	0.0 – 2.65Hz	0 – 63	table#1	
2	Horn Speed Slow	0.0 – 2.65Hz	0 – 63	table#1	
3	Rotor Speed Fast	2.69 – 39.7Hz	64 – 127	table#1	
4	Horn Speed Fast	2.69 – 39.7Hz	64 – 127	table#1	
5	Slow-Fast Time of R	0 – 127	0 – 127		
6	Slow-Fast Time of H	0 – 127	0 – 127		
7	Drive Low	0 – 127	0 – 127		
8	Drive High	0 – 127	0 – 127		
9	Low/High Balance	L63>H – L=H – L<H=63	1 – 127		
10					
11	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
12	EQ Low Gain	-12 – +12dB	52 – 76		
13	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
14	EQ High Gain	-12 – +12dB	52 – 76		
15	Mic L-R Angle	0 – 180deg	0 – 60		
16	Speed Control	Slow/Fast	0 – 1		●

DST+TDLY, OD+TDLY

No.	Parameter	Display	Value	See Table	Control
1	Delay Time	64th/3 – 4thx6	0 – 19	table#14	
2	Delay Feedback Level	-63 – +63	1 – 127	table#16	
3	Delay Mix	0 – 127	0 – 127		
4	Dist Drive	0 – 127	0 – 127		
5	Dist Output Level	0 – 127	0 – 127	table#18	
6	Dist EQ Low Gain	-12 – +12dB	52 – 76		
7	Dist EQ Mid Gain	-12 – +12dB	52 – 76		
8	L/R Diffusion	1(-63ms) – 64(0ms) – 127(63ms)	1 – 127		
9	Lag	1(-63ms) – 64(0ms) – 127(63ms)	1 – 127		
10	Dry/Wet	D63>W – D=W – D<W=63	1 – 127	table#15	●
11					
12					
13					
14					
15					
16					

CMP+DST+TDL, CMP+OD+TDLY1, 2, 3, 4, 5, 6

No.	Parameter	Display	Value	See Table	Control
1	Delay Time	64th/3 – 4thx6	0 – 19	table#14	
2	Delay Feedback Level	-63 – +63	1 – 127	table#16	
3	Delay Mix	0 – 127	0 – 127		
4	Dist Drive	0 – 127	0 – 127		
5	Dist Output Level	0 – 127	0 – 127	table#18	
6	Dist EQ Low Gain	-12 – +12dB	52 – 76		
7	Dist EQ Mid Gain	-12 – +12dB	52 – 76		
8	L/R Diffusion	1(-63ms) – 64(0ms) – 127(63ms)	1 – 127		
9	Lag	1(-63ms) – 64(0ms) – 127(63ms)	1 – 127		
10	Dry/Wet	D63>W – D=W – D<W=63	1 – 127	table#15	●
11	Comp. Attack	1ms – 40ms	0 – 19	table#8	
12	Comp. Release	10ms – 680ms	0 – 15	table#9	
13	Comp. Threshold	-48dB – -6dB	79 – 121		
14	Comp. Ratio	1.0 – 20.0	0 – 7	table#10	
15					
16					

WH+DST+TDLY, WH+OD+TDLY1, 2

No.	Parameter	Display	Value	See Table	Control
1	Delay Time	64th/3 – 4thx6	0 – 19	table#14	
2	Delay Feedback Level	-63 – +63	1 – 127	table#16	
3	Delay Mix	0 – 127	0 – 127		
4	Dist Drive	0 – 127	0 – 127		
5	Dist Output Level	0 – 127	0 – 127	table#18	
6	Dist EQ Low Gain	-12 – +12dB	52 – 76		
7	Dist EQ Mid Gain	-12 – +12dB	52 – 76		
8	L/R Diffusion	1(-63ms) – 64(0ms) – 127(63ms)	1 – 127		
9	Lag	1(-63ms) – 64(0ms) – 127(63ms)	1 – 127		
10	Dry/Wet	D63>W – D=W – D<W=63	1 – 127	table#15	●
11	Wah Sensitivity	0 – 127	0 – 127		
12	Wah Cutoff Freq Offset	0 – 127	0 – 127		
13	Wah Resonance	1.0 – 12.0	10 – 120		
14	Wah Release	10 – 680mS	52 – 67	table#12	
15					
16					

Effect Parameter List / Liste der Effektparameter / Liste des paramètres d'effets / Lista de parámetros de efectos

V\_DST H+TDL1, 2, V\_DST S+TDL1, 2, V\_DIST ROCA, V\_DST FUSION

No.	Parameter	Display	Value	See Table	Control
1	Overdrive	0 – 100%	0 – 100		
2	Device	Transistor/Vintage Tube/ Dist1/Dist2/Fuzz	0 – 4		
3	Speaker	Flat/Stack/Combo/Twin/ Radio/Megaphone	0 – 5		
4	Presence	0 – 20	0 – 20		
5	Output Level	0 – 100%	0 – 100		
6	Delay Time	64th/3 – 4thx6	0 – 19	table#14	
7	Delay Feedback Level	-63 – +63	1 – 127	table#16	
8	L/R Diffusion	1(-63ms) – 64(0ms) – 127(63ms)	1 – 127		
9	Lag	1(-63ms) – 64(0ms) – 127(63ms)	1 – 127		
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	●
11	Delay Mix	0 – 127	0 – 127		
12	Feedback High Dump	0.1 – 1.0	1 – 10		
13					
14					
15					
16					

V\_FLANGER

No.	Parameter	Display	Value	See Table	Control
1	LFO Freq	0.0 – 39.70[Hz]	0 – 127	table#1	
2	LFO Depth	0 – 127	0 – 127	table#19	
3	LFO Wave	Triangle, Sine, Random	0 – 2		
4	Delay Offset	0.09 – 36.21[ms]	0 – 139	table#23	
5	Feedback Level	-100 – +100[%]	0 – 200		
6	EQ Low Frequency	32[Hz] – 2.0[kHz]	4 – 40	table#3	
7	EQ Low Gain	-12 – +12[dB]	52 – 76		
8	EQ High Frequency	500[Hz] – 16.0[kHz]	28 – 58	table#3	
9	EQ High Gain	-12 – +12[dB]	52 – 76		
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	●
11	EQ mid frequency	100[Hz] – 10.0[kHz]	14 – 54	table#3	
12	EQ mid gain	-12 – +12[dB]	52 – 76		
13	EQ mid width	0.1 – 12.0	1 – 120		
14	Modulation Phase	-180 – +180[deg]	0 – 16	table#24	
15	Feedback High Damp	0.1 – 1.0	1 – 10		
16	Analog Feel	0 – 10	0 – 10		

MBAND COMP, COMP MELODY, COMP BASS

No.	Parameter	Display	Value	See Table	Control
1	Type	Normal, Low, Mid, High, Low/High, Low/Mid, Mid/ High, Full Bit, Wild, Attacky, Low End, Hard, Basic	0 – 12		
2	Threshold Offset	-32 – +32	32 – 96		●
3	Low Gain Offset	-63 – +63	1 – 127		
4	Mid Gain Offset	-63 – +63	1 – 127		
5	High Gain Offset	-63 – +63	1 – 127		
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					

T\_FLANGER

No.	Parameter	Display	Value	See Table	Control
1	LFO Freq	16th – 4thx16	5 – 21	table#14	
2	LFO Depth	0 – 127	0 – 127	table#19	
3	Feedback Level	-63 – +63	1 – 127	table#17	
4	Delay Offset	0.0 – 50.0[ms]	0 – 127	table#2	
5					
6	EQ Low Frequency	32[Hz] – 2.0[kHz]	4 – 40	table#3	
7	EQ Low Gain	-12 – +12[dB]	52 – 76		
8	EQ High Frequency	500[Hz] – 16.0[kHz]	28 – 58	table#3	
9	EQ High Gain	-12 – +12[dB]	52 – 76		
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	●
11	EQ mid frequency	100[Hz] – 10.0[kHz]	14 – 54	table#3	
12	EQ mid gain	-12 – +12[dB]	52 – 76		
13	EQ mid width	0.1 – 12.0	1 – 120		
14	LFO phase difference	-180 – +180[deg]	4 – 124		
15					
16					

T\_PHASER 1, 2

No.	Parameter	Display	Value	See Table	Control
1	LFO Freq	16th – 4thx16	5 – 21	table#14	
2	LFO Depth	0 – 127	0 – 127	table#19	
3	Phase Shift Offset	0 – 127	0 – 127		
4	Feedback Level	-63 – +63	1 – 127	table#16	
5					
6	EQ Low Frequency	32[Hz] – 2.0[kHz]	4 – 40	table#3	
7	EQ Low Gain	-12 – +12[dB]	52 – 76		
8	EQ High Frequency	500[Hz] – 16.0[kHz]	28 – 58	table#3	
9	EQ High Gain	-12 – +12[dB]	52 – 76		
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	●
11	Stage	3 – 11	3 – 11		
12					
13	LFO phase difference	-180 – +180[deg]	4 – 124		
14					
15					
16					

DYN FILTER

No.	Parameter	Display	Value	See Table	Control
1	Filter Type	LPF (12dB), LPF (18dB), LPF (24dB), HPF, BPF, BEF	0 – 5		
2	Sensitivity	0 – 127	0 – 127		●
3	Dyna Level Offset	0 – 127	0 – 127		
4	Resonance	-16 – +111	0 – 127		
5	Attack Time	0.3 – 227[ms]	0 – 127	table#20	
6	Release Time	2.6 – 2171.4[ms]	0 – 127	table#21	
7	Release Curve	0 – 127	0 – 127		
8	Direction	Up, Down	0 – 1		
9	Dyna Threshold Level	0 – 127	0 – 127		
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	
11					
12					
13	EQ Low Frequency	32[Hz] – 2.0[kHz]	4 – 40	table#3	
14	EQ Low Gain	-12 – +12[dB]	52 – 76		
15	EQ High Frequency	500[Hz] – 16.0[kHz]	28 – 58	table#3	
16	EQ High Gain	-12 – +12[dB]	52 – 76		

DYN FLANGER

No.	Parameter	Display	Value	See Table	Control
1	Sensitivity	0 – 127	0 – 127		●
2	Delay Time Offset	0 – 127	0 – 127		
3	Feedback Level	-63 – +63	1 – 127	table#17	
4	Attack Time	0.3 – 227[ms]	0 – 127	table#20	
5	Release Time	2.6 – 2171.4[ms]	0 – 127	table#21	
6	Release Curve	0 – 127	0 – 127		
7	Direction	Up, Down	0 – 1		
8	Dyna Threshold Level	0 – 127	0 – 127		
9	Dyna Level Offset	0 – 127	0 – 127		
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	
11					
12					
13	EQ Low Frequency	32[Hz] – 2.0[kHz]	4 – 40	table#3	
14	EQ Low Gain	-12 – +12dB	52 – 76		
15	EQ High Frequency	500[Hz] – 16.0[kHz]	28 – 58	table#3	
16	EQ High Gain	-12 – +12[dB]	52 – 76		

**DYN PHASER**

No.	Parameter	Display	Value	See Table	Control
1	Sensitivity	0 – 127	0 – 127		●
2	Dyna Level Offset	0 – 127	0 – 127		
3	Feedback Level	-63 – +63	1 – 127	table#16	
4	Attack Time	0.3 – 227[ms]	0 – 127	table#20	
5	Release Time	2.6 – 2171.4[ms]	0 – 127	table#21	
6	Release Curve	0 – 127	0 – 127		
7	Direction	Up, Down	0 – 1		
8	Dyna Threshold Level	0 – 127	0 – 127		
9					
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	
11	Stage	4, 5, 6	4 – 6		
12					
13	EQ Low Frequency	32[Hz] – 2.0[kHz]	4 – 40	table#3	
14	EQ Low Gain	-12 – +12dB	52 – 76		
15	EQ High Frequency	500[Hz] – 16.0[kHz]	28 – 58	table#3	
16	EQ High Gain	-12 – +12[dB]	52 – 76		

**VIBE VIBRATE**

No.	Parameter	Display	Value	See Table	Control
1	Vibrate Speed	0.00Hz – 39.7Hz	0 – 127	table#1	
2	Vibrate Depth (AM)	0 – 127	0 – 127		
3	Vibrate Depth (PM)	0 – 127	0 – 127		
4					
5					
6	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
7	EQ Low Gain	-12 – +12dB	52 – 76		
8	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
9	EQ High Gain	-12 – +12dB	52 – 76		
10	Dry/Wet Balance	D63>W – D=W – D<W63	1 – 127	table#15	
11	EQ Mid Frequency (*2)	100Hz – 10.0kHz	14 – 54	table#3	
12	EQ Mid Gain (*2)	-12 – +12dB	52 – 76		
13	EQ Mid Width (*2)	0.1 – 12.0	1 – 120		
14	LFO Phase Difference	-180 – +180deg (resolution=3deg.)	4 – 124		
15	Input Mode	mono/stereo	0 – 1		
16	Vibrate SW	Off, On	0 – 1		●

**DYN RINGMOD**

No.	Parameter	Display	Value	See Table	Control
1	Sensitivity	0 – 127	0 – 127		●
2	HPF Cutoff Frequency	Thru(20[Hz]) – 8.0[kHz]	0 – 52	table#3	
3	LPF Cutoff Frequency	1.0[kHz] – Thru (20.0[kHz])	34 – 60	table#3	
4	Attack Time	0.3 – 227[ms]	0 – 127	table#20	
5	Release Time	2.6 – 2171.4[ms]	0 – 127	table#21	
6	Release Curve	0 – 127	0 – 127		
7	Direction	Up, Down	0 – 1		
8	Dyna Threshold Level	0 – 127	0 – 127		
9	Dyna Level Offset	0 – 127	0 – 127		
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	
11					
12					
13	EQ Low Frequency	32[Hz] – 2.0[kHz]	4 – 40	table#3	
14	EQ Low Gain	-12 – +12dB	52 – 76		
15	EQ High Frequency	500[Hz] – 16.0[kHz]	28 – 58	table#3	
16	EQ High Gain	-12 – +12[dB]	52 – 76		

**T\_TREMOLO**

No.	Parameter	Display	Value	See Table	Control
1	LFO Freq	16th – 4thx16	5 – 29	table#14	●
2	AM Depth	0 – 127	0 – 127		
3	PM Depth	0 – 127	0 – 127		
4					
5					
6	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
7	EQ Low Gain	-12 – +12dB	52 – 76		
8	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
9	EQ High Gain	-12 – +12dB	52 – 76		
10					
11	EQ Mid Frequency (*2)	100Hz – 10.0kHz	14 – 54	table#3	
12	EQ Mid Gain (*2)	-12 – +12dB	52 – 76		
13	EQ Mid Width (*2)	0.1 – 12.0	1 – 120		
14	LFO Phase Difference	-180 – +180deg (resolution=3deg.)	4 – 124		
15	Input Mode	mono/stereo	0 – 1		
16					

**RING MOD**

No.	Parameter	Display	Value	See Table	Control
1	Carrier Freq Coarse	0.7[Hz] – 5[kHz]	0 – 127	table#22	●
2	Carrier Freq Fine	0 – 127	0 – 127		
3	LFO Wave	Triangle, Sine	0 – 1		
4	LFO Depth	0 – 127	0 – 127	table#19	
5	LFO Freq	0.0 – 39.70[Hz]	0 – 127	table#1	
6	HPF Cutoff Frequency	Thru(20[Hz]) – 8.0[kHz]	0 – 52	table#3	
7	LPF Cutoff Frequency	1.0[kHz] – Thru(20.0[kHz])	34 – 60	table#3	
8					
9					
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	
11					
12					
13	EQ Low Frequency	32[Hz] – 2.0[kHz]	4 – 40	table#3	
14	EQ Low Gain	-12 – +12dB	52 – 76		
15	EQ High Frequency	500[Hz] – 16.0[kHz]	28 – 58	table#3	
16	EQ High Gain	-12 – +12[dB]	52 – 76		

**T\_AUTO PAN 1**

No.	Parameter	Display	Value	See Table	Control
1	LFO Freq	16th – 4thx16	5 – 29	table#14	●
2	L/R Depth	0 – 127	0 – 127		
3	F/R Depth	0 – 127	0 – 127		
4	PAN Direction	L<->R, L->R, L<-R, Lturn, Rturn, L/R	0 – 5		
5					
6	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
7	EQ Low Gain	-12 – +12dB	52 – 76		
8	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
9	EQ High Gain	-12 – +12dB	52 – 76		
10					
11	EQ Mid Frequency (*2)	100Hz – 10.0kHz	14 – 54	table#3	
12	EQ Mid Gain (*2)	-12 – +12dB	52 – 76		
13	EQ Mid Width (*2)	0.1 – 12.0	1 – 120		
14					
15					
16					

**ISOLATOR**

No.	Parameter	Display	Value	See Table	Control
1	On/off SW	Off, On	0 – 1		●
2	Low Level	0 – 127	0 – 127		
3	Mid Level	0 – 127	0 – 127		
4	High Level	0 – 127	0 – 127		
5	Low Mute	Off, On	0 – 1		
6	Mid Mute	Off, On	0 – 1		
7	High Mute	Off, On	0 – 1		
8					
9					
10					
11					
12					
13					
14					
15					
16					

Effect Parameter List / Liste der Effektparameter / Liste des paramètres d'effets / Lista de parámetros de efectos

**T\_AUTO PAN 2**

No.	Parameter	Display	Value	See Table	Control
1	LFO Freq	16th – 4thx16	5 – 29	table#14	●
2	L/R Depth	0 – 127	0 – 127		
3	F/R Depth	0 – 127	0 – 127		
4	PAN Direction	L<->R, L->R, L<-R, Lturn, Rturn, L/R	0 – 5		
5	LFO Wave	0 – 28	0 – 28		
6	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
7	EQ Low Gain	-12 – +12dB	52 – 76		
8	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
9	EQ High Gain	-12 – +12dB	52 – 76		
10					
11	EQ Mid Frequency (*2)	100Hz – 10.0kHz	14 – 54	table#3	
12	EQ Mid Gain (*2)	-12 – +12dB	52 – 76		
13	EQ Mid Width (*2)	0.1 – 12.0	1 – 120		
14					
15	Input Mode	mono, stereo	0 – 1		
16					

**NO EFFECT**

No.	Parameter	Display	Value	See Table	Control
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					

**PEDAL WAH**

No.	Parameter	Display	Value	See Table	Control
1	Pedal Control	0 – 127	0 – 127		●
2	Depth	0 – 127	0 – 127	table#19	
3	Cutoff Frequency Offset	0 – 127	0 – 127		
4	Resonance	1.0 – 12.0	10 – 120		
5					
6	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
7	EQ Low Gain	-12 – +12dB	52 – 76		
8	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
9	EQ High Gain	-12 – +12dB	52 – 76		
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	
11	Drive	0 – 127	0 – 127		
12					
13					
14					
15					
16					

**THRU**

No.	Parameter	Display	Value	See Table	Control
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					

**PEDAL WH+DST, P.WH+DIST HD, P.WH+DIST HV, P.WH+DIST LT  
PEDAL WH+OD, P.WH+OD HD, P.WH+OD HV, P.WH+OD LT**

No.	Parameter	Display	Value	See Table	Control
1	Pedal Control	0 – 127	0 – 127		●
2	Depth	0 – 127	0 – 127	table#19	
3	Cutoff Frequency Offset	0 – 127	0 – 127		
4	Resonance	1.0 – 12.0	10 – 120		
5					
6	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
7	EQ Low Gain	-12 – +12dB	52 – 76		
8	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
9	EQ High Gain	-12 – +12dB	52 – 76		
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	
11	Drive	0 – 127	0 – 127		
12	EQ Low Gain (distortion)	-12 – +12dB	52 – 76		
13	EQ Mid Gain (distortion)	-12 – +12dB	52 – 76		
14	LPF Cutoff	1.0kHz – Thru	34 – 60	table#3	
15	Output Level	0 – 127	0 – 127	table#18	
16					

(\*1) Reverb Block  
 (\*2) DSP1 Block  
 (\*3) Chorus and/or DSP2 – 4 Blocks  
 (\*4) DSP1 Block only

# Effect Data Assign Table / Effektdaten-Zuordnungstabelle / Tableau d'assignation des données d'effets / Tabla de asignación de datos para efectos

**table#1**  
LFO Frequency

Data	Value	Data	Value	Data	Value	Data	Value
0	0.00	32	1.35	64	2.69	96	8.41
1	0.04	33	1.39	65	2.78	97	8.75
2	0.08	34	1.43	66	2.86	98	9.08
3	0.13	35	1.47	67	2.94	99	9.42
4	0.17	36	1.51	68	3.03	100	9.76
5	0.21	37	1.56	69	3.11	101	10.1
6	0.25	38	1.60	70	3.20	102	10.8
7	0.29	39	1.64	71	3.28	103	11.4
8	0.34	40	1.68	72	3.37	104	12.1
9	0.38	41	1.72	73	3.45	105	12.8
10	0.42	42	1.77	74	3.53	106	13.5
11	0.46	43	1.81	75	3.62	107	14.1
12	0.51	44	1.85	76	3.70	108	14.8
13	0.55	45	1.89	77	3.87	109	15.5
14	0.59	46	1.94	78	4.04	110	16.2
15	0.63	47	1.98	79	4.21	111	16.8
16	0.67	48	2.02	80	4.37	112	17.5
17	0.72	49	2.06	81	4.54	113	18.2
18	0.76	50	2.10	82	4.71	114	19.5
19	0.80	51	2.15	83	4.88	115	20.9
20	0.84	52	2.19	84	5.05	116	22.2
21	0.88	53	2.23	85	5.22	117	23.6
22	0.93	54	2.27	86	5.38	118	24.9
23	0.97	55	2.31	87	5.55	119	26.2
24	1.01	56	2.36	88	5.72	120	27.6
25	1.05	57	2.40	89	6.06	121	28.9
26	1.09	58	2.44	90	6.39	122	30.3
27	1.14	59	2.48	91	6.73	123	31.6
28	1.18	60	2.52	92	7.07	124	33.0
29	1.22	61	2.57	93	7.40	125	34.3
30	1.26	62	2.61	94	7.74	126	37.0
31	1.30	63	2.65	95	8.08	127	39.7

**table#4**  
Reverb time

Data	Value	Data	Value	Data	Value
0	0.3	32	3.5	64	17.0
1	0.4	33	3.6	65	18.0
2	0.5	34	3.7	66	19.0
3	0.6	35	3.8	67	20.0
4	0.7	36	3.9	68	20.0
5	0.8	37	4.0	69	25.0
6	0.9	38	4.1		
7	1.0	39	4.2		
8	1.1	40	4.3		
9	1.2	41	4.4		
10	1.3	42	4.5		
11	1.4	43	4.6		
12	1.5	44	4.7		
13	1.6	45	4.8		
14	1.7	46	4.9		
15	1.8	47	5.0		
16	1.9	48	5.5		
17	2.0	49	6.0		
18	2.1	50	6.5		
19	2.2	51	7.0		
20	2.3	52	7.5		
21	2.4	53	8.0		
22	2.5	54	8.5		
23	2.6	55	9.0		
24	2.7	56	9.5		
25	2.8	57	10.0		
26	2.9	58	11.0		
27	3.0	59	12.0		
28	3.1	60	13.0		
29	3.2	61	14.0		
30	3.3	62	15.0		
31	3.4	63	16.0		

**table#7**  
Delay Time (0.1 – 400.0 [ms])

Data	Value	Data	Value	Data	Value	Data	Value
0	0.1	32	100.9	64	201.6	96	302.4
1	3.2	33	104.0	65	204.8	97	305.5
2	6.4	34	107.2	66	207.9	98	308.7
3	9.5	35	110.3	67	211.1	99	311.8
4	12.7	36	113.5	68	214.2	100	315.0
5	15.8	37	116.6	69	217.4	101	318.1
6	19.0	38	119.8	70	220.5	102	321.3
7	22.1	39	122.9	71	223.7	103	324.4
8	25.3	40	126.1	72	226.8	104	327.6
9	28.4	41	129.2	73	230.0	105	330.7
10	31.6	42	132.4	74	233.1	106	333.9
11	34.7	43	135.5	75	236.3	107	337.0
12	37.9	44	138.6	76	239.4	108	340.2
13	41.0	45	141.8	77	242.6	109	343.3
14	44.2	46	144.9	78	245.7	110	346.5
15	47.3	47	148.1	79	248.9	111	349.6
16	50.5	48	151.2	80	252.0	112	352.8
17	53.6	49	154.4	81	255.2	113	355.9
18	56.8	50	157.5	82	258.3	114	359.1
19	59.9	51	160.7	83	261.5	115	362.2
20	63.1	52	163.8	84	264.6	116	365.4
21	66.2	53	167.0	85	267.7	117	368.5
22	69.4	54	170.1	86	270.9	118	371.7
23	72.5	55	173.3	87	274.0	119	374.8
24	75.7	56	176.4	88	277.2	120	378.0
25	78.8	57	179.6	89	280.3	121	381.1
26	82.0	58	182.7	90	283.5	122	384.3
27	85.1	59	185.9	91	286.6	123	387.4
28	88.3	60	189.0	92	289.8	124	390.6
29	91.4	61	192.2	93	292.9	125	393.7
30	94.6	62	195.3	94	296.1	126	396.9
31	97.7	63	198.5	95	299.2	127	400.0

**table#12**  
Wah Release Time

Data	Value
52	10
53	15
54	25
55	35
56	45
57	55
58	65
59	75
60	85
61	100
62	115
63	140
64	170
65	200
66	340
67	680

**table#2**  
Modulation Delay Offset

Data	Value	Data	Value	Data	Value	Data	Value
0	0.0	32	3.2	64	6.4	96	9.6
1	0.1	33	3.3	65	6.5	97	9.7
2	0.2	34	3.4	66	6.6	98	9.8
3	0.3	35	3.5	67	6.7	99	9.9
4	0.4	36	3.6	68	6.8	100	10.0
5	0.5	37	3.7	69	6.9	101	11.1
6	0.6	38	3.8	70	7.0	102	12.2
7	0.7	39	3.9	71	7.1	103	13.3
8	0.8	40	4.0	72	7.2	104	14.4
9	0.9	41	4.1	73	7.3	105	15.5
10	1.0	42	4.2	74	7.4	106	17.1
11	1.1	43	4.3	75	7.5	107	18.6
12	1.2	44	4.4	76	7.6	108	20.2
13	1.3	45	4.5	77	7.7	109	21.8
14	1.4	46	4.6	78	7.8	110	23.3
15	1.5	47	4.7	79	7.9	111	24.9
16	1.6	48	4.8	80	8.0	112	26.5
17	1.7	49	4.9	81	8.1	113	28.0
18	1.8	50	5.0	82	8.2	114	29.6
19	1.9	51	5.1	83	8.3	115	31.2
20	2.0	52	5.2	84	8.4	116	32.8
21	2.1	53	5.3	85	8.5	117	34.3
22	2.2	54	5.4	86	8.6	118	35.9
23	2.3	55	5.5	87	8.7	119	37.5
24	2.4	56	5.6	88	8.8	120	39.0
25	2.5	57	5.7	89	8.9	121	40.6
26	2.6	58	5.8	90	9.0	122	42.2
27	2.7	59	5.9	91	9.1	123	43.7
28	2.8	60	6.0	92	9.2	124	45.3
29	2.9	61	6.1	93	9.3	125	46.9
30	3.0	62	6.2	94	9.4	126	48.4
31	3.1	63	6.3	95	9.5	127	50.0

**table#5**  
Delay Time (0.1 – 200.0 [ms])

Data	Value	Data	Value	Data	Value	Data	Value
0	0.1	32	50.5	64	100.8	96	151.2
1	1.7	33	52.0	65	102.4	97	152.8
2	3.2	34	53.6	66	104.0	98	154.4
3	4.8	35	55.2	67	105.6	99	155.9
4	6.4	36	56.8	68	107.1	100	157.5
5	8.0	37	58.3	69	108.7	101	159.1
6	9.5	38	59.9	70	110.3	102	160.6
7	11.1	39	61.5	71	111.9	103	162.2
8	12.7	40	63.1	72	113.4	104	163.8
9	14.3	41	64.6	73	115.0	105	165.4
10	15.8	42	66.2	74	116.6	106	166.9
11	17.4	43	67.8	75	118.2	107	168.5
12	19.0	44	69.4	76	119.7	108	170.1
13	20.6	45	70.9	77	121.3	109	171.7
14	22.1	46	72.5	78	122.9	110	173.2
15	23.7	47	74.1	79	124.4	111	174.8
16	25.3	48	75.7	80	126.0	112	176.4
17	26.9	49	77.2	81	127.6	113	178.0
18	28.4	50	78.8	82	129.2	114	179.5
19	30.0	51	80.4	83	130.7	115	181.1
20	31.6	52	81.9	84	132.3	116	182.7
21	33.2	53	83.5	85	133.9	117	184.3
22	34.7	54	85.1	86	135.5	118	185.8
23	36.3	55	86.7	87	137.0	119	187.4
24	37.9	56	88.2	88	138.6	120	189.0
25	39.5	57	89.8	89	140.2	121	190.6
26	41.0	58	91.4	90	141.8	122	192.1
27	42.6	59	93.0	91	143.3	123	193.7
28	44.2	60	94.5	92	144.9	124	195.3
29	45.7	61	96.1	93	146.5	125	196.9
30	47.3	62	97.7	94	148.1	126	198.4
31	48.9	63	99.3	95	149.6	127	200.0

**table#8**  
Compressor Attack Time

Data	Value
0	1
1	2
2	3
3	4
4	5
5	6
6	7
7	8
8	9
9	10
10	12
11	14
12	16
13	18
14	20
15	23
16	26
17	30
18	35
19	40

**table#9**  
Compressor Release Time

Data	Value
0	10
1	15
2	25
3	35



Effect Data Assign Table / Effektdaten-Zuordnungstabelle / Tableau d'assignation des données d'effets / Tabla de asignación de datos para efectos

table#15  
Dry/Wet

Data	Dry (dB)	Wet (dB)	Data	Dry (dB)	Wet (dB)	Data	Dry (dB)	Wet (dB)
1	0.00	→	44	0.00	-6.63	87	-7.89	0.00
2	0.00	-71.97	45	0.00	-6.24	88	-8.33	0.00
3	0.00	-59.93	46	0.00	-5.85	89	-8.78	0.00
4	0.00	-52.89	47	0.00	-5.46	90	-9.25	0.00
5	0.00	-47.89	48	0.00	-5.09	91	-9.72	0.00
6	0.00	-44.01	49	0.00	-4.72	92	-10.21	0.00
7	0.00	-40.85	50	0.00	-4.37	93	-10.71	0.00
8	0.00	-38.17	51	0.00	-4.01	94	-11.23	0.00
9	0.00	-35.85	52	0.00	-3.67	95	-11.77	0.00
10	0.00	-33.80	53	0.00	-3.33	96	-12.32	0.00
11	0.00	-31.97	54	0.00	-3.00	97	-12.89	0.00
12	0.00	-30.32	55	0.00	-2.68	98	-13.48	0.00
13	0.00	-28.81	56	0.00	-2.36	99	-14.09	0.00
14	0.00	-27.42	57	0.00	-2.05	100	-14.72	0.00
15	0.00	-26.13	58	0.00	-1.74	101	-15.37	0.00
16	0.00	-24.93	59	0.00	-1.44	102	-16.06	0.00
17	0.00	-23.81	60	0.00	-1.14	103	-16.77	0.00
18	0.00	-22.76	61	0.00	-0.85	104	-17.50	0.00
19	0.00	-21.76	62	0.00	-0.56	105	-18.28	0.00
20	0.00	-20.82	63	0.00	-0.28	106	-19.08	0.00
21	0.00	-19.93	64	0.00	0.00	107	-19.93	0.00
22	0.00	-19.08	65	-0.28	0.00	108	-20.82	0.00
23	0.00	-18.28	66	-0.56	0.00	109	-21.76	0.00
24	0.00	-17.50	67	-0.85	0.00	110	-22.76	0.00
25	0.00	-16.77	68	-1.14	0.00	111	-23.81	0.00
26	0.00	-16.06	69	-1.44	0.00	112	-24.93	0.00
27	0.00	-15.37	70	-1.74	0.00	113	-26.13	0.00
28	0.00	-14.72	71	-2.05	0.00	114	-27.42	0.00
29	0.00	-14.09	72	-2.36	0.00	115	-28.81	0.00
30	0.00	-13.48	73	-2.68	0.00	116	-30.32	0.00
31	0.00	-12.89	74	-3.00	0.00	117	-31.97	0.00
32	0.00	-12.32	75	-3.33	0.00	118	-33.80	0.00
33	0.00	-11.77	76	-3.67	0.00	119	-35.85	0.00
34	0.00	-11.23	77	-4.01	0.00	120	-38.17	0.00
35	0.00	-10.71	78	-4.37	0.00	121	-40.85	0.00
36	0.00	-10.21	79	-4.72	0.00	122	-44.01	0.00
37	0.00	-9.72	80	-5.09	0.00	123	-47.89	0.00
38	0.00	-9.25	81	-5.46	0.00	124	-52.89	0.00
39	0.00	-8.78	82	-5.85	0.00	125	-59.93	0.00
40	0.00	-8.33	83	-6.24	0.00	126	-71.97	0.00
41	0.00	-7.89	84	-6.63	0.00	127	→	0.00
42	0.00	-7.46	85	-7.04	0.00			
43	0.00	-7.04	86	-7.46	0.00			

table#16  
Feedback Level (Reverb, Delay types, Flanger types)

Data	Value (%)	Data	Value (%)	Data	Value (%)
1	-99.20654297	44	-31.49414063	87	36.21826172
2	-97.63183594	45	-29.91943359	88	37.79296875
3	-96.05712891	46	-28.34472656	89	39.36767578
4	-94.48242188	47	-26.77001953	90	40.94238281
5	-92.90771484	48	-25.1953125	91	42.51708984
6	-91.33300781	49	-23.62060547	92	44.09179688
7	-89.75830078	50	-22.04589844	93	45.66650391
8	-88.18359375	51	-20.47119141	94	47.24121094
9	-86.60886872	52	-18.89648438	95	48.81591797
10	-85.03417969	53	-17.32177734	96	50.390625
11	-83.45947266	54	-15.74707031	97	51.96533203
12	-81.88476563	55	-14.17236328	98	53.54003906
13	-80.31005859	56	-12.59765625	99	55.11474609
14	-78.73535156	57	-11.02294922	100	56.68945313
15	-77.16064453	58	-9.448242188	101	58.26416016
16	-75.5859375	59	-7.873535156	102	59.83886719
17	-74.01123047	60	-6.298828125	103	61.41357422
18	-72.43652344	61	-4.724121094	104	62.98828125
19	-70.86181641	62	-3.149414063	105	64.56298828
20	-69.28710938	63	-1.574707031	106	66.13769531
21	-67.71240234	64	0	107	67.71240234
22	-66.13769531	65	1.574707031	108	69.28710938
23	-64.56298828	66	3.149414063	109	70.86181641
24	-62.98828125	67	4.724121094	110	72.43652344
25	-61.41357422	68	6.298828125	111	74.01123047
26	-59.83886719	69	7.873535156	112	75.5859375
27	-58.26416016	70	9.448242188	113	77.16064453
28	-56.68945313	71	11.02294922	114	78.73535156
29	-55.11474609	72	12.59765625	115	80.31005859
30	-53.54003906	73	14.17236328	116	81.88476563
31	-51.96533203	74	15.74707031	117	83.45947266
32	-50.390625	75	17.32177734	118	85.03417969
33	-48.81591797	76	18.89648438	119	86.60886872
34	-47.24121094	77	20.47119141	120	88.18359375
35	-45.66650391	78	22.04589844	121	89.75830078
36	-44.09179688	79	23.62060547	122	91.33300781
37	-42.51708984	80	25.1953125	123	92.90771484
38	-40.94238281	81	26.77001953	124	94.48242188
39	-39.36767578	82	28.34472656	125	96.05712891
40	-37.79296875	83	29.91943359	126	97.63183594
41	-36.21826172	84	31.49414063	127	99.20654297
42	-34.64355469	85	33.06884766		
43	-33.06884766	86	34.64355469		

table#17  
Feedback Level (Chorus types)

Data	Value (%)	Data	Value (%)	Data	Value (%)	Data	Value (%)
1	-72.29	33	-35.57	65	1.15	97	37.87
2	-71.14	34	-34.42	66	2.29	98	39.01
3	-70.00	35	-33.28	67	3.44	99	40.16
4	-68.85	36	-32.13	68	4.59	100	41.31
5	-67.70	37	-30.98	69	5.74	101	42.46
6	-66.55	38	-29.83	70	6.88	102	43.60
7	-65.41	39	-28.69	71	8.03	103	44.75
8	-64.26	40	-27.54	72	9.18	104	45.90
9	-63.11	41	-26.39	73	10.33	105	47.05
10	-61.96	42	-25.24	74	11.47	106	48.19
11	-60.82	43	-24.10	75	12.62	107	49.34
12	-59.67	44	-22.95	76	13.77	108	50.49
13	-58.52	45	-21.80	77	14.92	109	51.64
14	-57.37	46	-20.65	78	16.06	110	52.78
15	-56.23	47	-19.51	79	17.21	111	53.93
16	-55.08	48	-18.36	80	18.36	112	55.08
17	-53.93	49	-17.21	81	19.51	113	56.23
18	-52.78	50	-16.06	82	20.65	114	57.37
19	-51.64	51	-14.92	83	21.80	115	58.52
20	-50.49	52	-13.77	84	22.95	116	59.67
21	-49.34	53	-12.62	85	24.10	117	60.82
22	-48.19	54	-11.47	86	25.24	118	61.96
23	-47.05	55	-10.33	87	26.39	119	63.11
24	-45.90	56	-9.18	88	27.54	120	64.26
25	-44.75	57	-8.03	89	28.69	121	65.41
26	-43.60	58	-6.88	90	29.83	122	66.55
27	-42.46	59	-5.74	91	30.98	123	67.70
28	-41.31	60	-4.59	92	32.13	124	68.85
29	-40.16	61	-3.44	93	33.28	125	70.00
30	-39.01	62	-2.29	94	34.42	126	71.14
31	-37.87	63	-1.15	95	35.57	127	72.29
32	-36.72	64	0.00	96	36.72		

table#18  
Level

Data	dB	Data	dB	Data	dB	Data	dB
0	→	32	-23.95	64	-11.90	96	-4.86
1	-84.15	33	-23.41	65	-11.64	97	-4.68
2	-72.11	34	-22.89	66	-11.37	98	-4.50
3	-65.07	35	-22.39	67	-11.11	99	-4.33
4	-60.07	36	-21.90	68	-10.85	100	-4.15
5	-56.19	37	-21.42	69	-10.60	101	-3.98
6	-53.03	38	-20.96	70	-10.35	102	-3.81
7	-50.35	39	-20.51	71	-10.10	103	-3.64
8	-48.03	40	-20.07	72	-9.86	104	-3.47
9	-45.98	41	-19.64	73	-9.62	105	-3.30
10	-44.15	42	-19.22	74	-9.38	106	-3.14
11	-42.50	43	-18.81	75	-9.15	107	-2.98
12	-40.98	44	-18.41	76	-8.92	108	-2.82
13	-39.59	45	-18.02	77	-8.69	109	-2.66
14	-38.31	46	-17.64	78	-8.47	110	-2.50
15	-37.11	47	-17.27	79	-8.25	111	-2.34
16	-35.99	48	-16.90	80	-8.03	112	-2.18
17	-34.93	49	-16.54	81	-7.81	113	-2.03
18	-33.94	50	-16.19	82	-7.60	114	-1.88
19	-33.00	51	-15.85	83	-7.39	115	-1.72
20	-32.11	52	-15.51	84	-7.18	116	-1.57
21	-31.26	53	-15.18	85	-6.98	117	-1.42
22	-30.46	54	-14.86	86	-6.77	118	-1.28
23	-29.68	55	-14.54	87	-6.57	119	-1.13
24	-28.94	56	-14.22	88	-6.37	120	-0.98
25	-28.23	57	-13.92	89	-6.18	121	-0.84
26	-27.55	58	-13.62	90	-5.98	122	-0.70
27	-26.90	59	-13.32	91	-5.79	123	-0.56
28	-26.27	60	-13.03	92	-5.60	124	-0.42
29	-25.66	61	-12.74	93	-5.41	125	-0.28
30	-25.07	62	-12.46	94	-5.23	126	-0.14
31	-24.50	63	-12.18	95	-5.04	127	0.00

table#19  
LFO Depth

Data	Value (%)	Data	Value (%)	Data	Value (%)	Data	Value (%)
0	0.00	32	25.20	64	50.39	96	75.59
1	0.78	33	25.98	65	51.17	97	76.37
2	1.56	34	26.76	66	51.95	98	77.15
3	2.3						



# Vocal Harmony Type List / Liste der Vocal-Harmony-Effekttypen / Liste des types d'harmonie vocale / Lista de tipos de armonía (PSR-S910)

Order	Type	LCD Name	Mode	Vocoder Type		Chordal Type		Detune Type		Chromatic Type		Thru Type	
				MSB	LSB	MSB	LSB	MSB	LSB	MSB	LSB	MSB	LSB
1	CountryQuartet	CountryQuar	Chordal/Vocorder	89	111	90	47						
2	ClosedMenQuartet	ClsdMenQuar	Chordal/Vocorder	89	117	90	53						
3	MixAcapQuartet	MixAcapQuar	Chordal/Vocorder	89	119	90	55						
4	Women Choir	WomenChoir	Chordal/Vocorder	89	88	90	24						
5	Jazz Sisters	JazzSisters	Chordal/Vocorder	89	120	90	56						
6	Standard Duet	Std Duet	Chordal/Vocorder	89	80	90	16						
7	Men Choir	MenChoir	Chordal/Vocorder	89	87	90	23						
8	Closed Choir	ClosedChoir	Chordal/Vocorder	89	90	90	26						
9	Girl in Duet	Girl Duet	Chordal/Vocorder	89	81	90	17						
10	Speedy Mouse	SpdyMouse	Chromatic							92	17		
11	HighMaleQuartet	HighMaleQua	Chordal/Vocorder	89	115	90	51						
12	Jazz Quartet	JazzQuartet	Chordal/Vocorder	89	114	90	50						
13	Mixed Choir	MixedChoir	Chordal/Vocorder	89	91	90	27						
14	Country Girls	CntryGirls	Chordal/Vocorder	89	89	90	25						
15	Sisters Trio	SistersTrio	Chordal/Vocorder	89	113	90	49						
16	Country Men	CountryMen	Chordal/Vocorder	89	83	90	19						
17	A Capella Boy	ACapellBoy	Chordal/Vocorder	89	85	90	21						
18	A Capella Mix	ACapellaMix	Chordal/Vocorder	89	86	90	22						
19	Gospel Diva	GospelDiva	Chordal/Vocorder	89	112	90	48						
20	Lisa and Tina	Lisa&Tina	Chordal/Vocorder	89	82	90	18						
21	AcapMenQuartet	AcapMenQuar	Chordal/Vocorder	89	118	90	54						
22	JazzMenChoir	JazzMenCho	Chordal/Vocorder	89	101	90	37						
23	JazzClosedCho	J_CloseCho	Chordal/Vocorder	89	103	90	39						
24	JazzWomenCho	J_WomenCho	Chordal/Vocorder	89	102	90	38						
25	LadiesQuartet	LadiesQuart	Chordal/Vocorder	89	116	90	52						
26	Sing B+G	Sing B+G	Chordal/Vocorder	89	93	90	29						
27	Barbershop	Barbershop	Chordal/Vocorder	89	96	90	32						
28	JazzMixedCho	J_MixedCho	Chordal/Vocorder	89	104	90	40						
29	Dream Girls	Dream Girls	Chordal/Vocorder	89	94	90	30						
30	Sing the Bass	SingBass	Chromatic							92	16		
31	Falsetto Duet	FalsetDuet	Chordal/Vocorder	89	84	90	20						
32	Falsetto Trio	FalsetTrio	Chordal/Vocorder	89	92	90	28						
33	Falsetto Dia	FalsettoDia	Chordal/Vocorder	89	100	90	36						
34	Fal A Capella	FalACapella	Chordal/Vocorder	89	95	90	31						
35	Falsetto Jazz	FalsetJazz	Chordal/Vocorder	89	105	90	41						
36	2 Unison Low	2UnisonLow	Chordal/Vocorder	89	106	90	42						
37	3 Unison Low	3UnisonLow	Chordal/Vocorder	89	108	90	44						
38	Diatonic Jazz	DiatncJazz	Chordal/Vocorder	89	97	90	33						
39	Diatonic Girl	DiatncGirl	Chordal/Vocorder	89	98	90	34						
40	A Capella Dia	ACapellaDia	Chordal/Vocorder	89	99	90	35						
41	ChordalXG	ChordalXG	Chordal/Vocorder	89	64	90	0						
42	Karaoke Auto	KaraokAuto	Chordal/Vocorder	89	24	90	88						
43	Karaoke Mode	KaraokMode	Chordal/Vocorder	89	25	90	89						
44	Karaoke Girl	KaraokGirl	Chordal/Vocorder	89	26	90	90						
45	Pitch Correct	PitchCorrect	Chordal/Vocorder	89	27	90	91						
46	2 Unison High	2UnisonHigh	Chordal/Vocorder	89	107	90	43						
47	3 Unison High	3UnisonHigh	Chordal/Vocorder	89	109	90	45						
48	Vocoder Auto Upper	VocodAutoU	Chordal/Vocorder	89	16	90	80						
49	Vocoder Auto Lower	VocodAutoL	Chordal/Vocorder	89	17	90	81						
50	DetuneXG	DetuneXG	Detune					91	0				
51	VocoderXG	VocoderXG	Chordal/Vocorder	89	0	90	64						
52	Vocoder Mode Upper	VocodModeU	Chordal/Vocorder	89	18	90	82						
53	Vocoder Mode Lower	VocodModeL	Chordal/Vocorder	89	19	90	83						
54	Vocoder Girl Upper	VocodGirlU	Chordal/Vocorder	89	20	90	84						
55	Vocoder Girl Lower	VocodGirlL	Chordal/Vocorder	89	21	90	85						
56	Vocoder Pitch Upper	VocodPichU	Chordal/Vocorder	89	22	90	86						
57	Vocoder Pitch Lower	VocodPichL	Chordal/Vocorder	89	23	90	87						
58	ChromaticXG	ChromatXG	Chromatic							92	0		
59	Voice&Inst	Voice&Inst	Chordal/Vocorder	89	110	90	46						
60	Pop Vocal	Pop Vocal	Chordal/Vocorder	89	121	90	57						
61	Thru	Thru	-									64	0

# Parameter Chart / Parametertabelle / Tableau des paramètres / Gráfico de parâmetros

Parameter	PSR-S710	PSR-S910	System				Voice Set	Voice Set Group	Song		Style		Multi Pad	Registration		Param Look Group	Note
			Setup	MIDI Setup	User Effect	Music Finder			Song	Song Setup Group	Style Data	OTS		Regist	Freeze Group		
<b>Main</b>																	
SongFile	0	0	X	X	X	X	X	-	X	-	X	X	X	0	Song	-	
StyleFile	0	0	X	X	X	0	X	-	X	-	X	X	X	0	Style	-	
MultiPad File	0	0	X	X	X	X	X	-	X	-	X	0	X	0	Multi Pad	-	
Right1 VoiceFile	0	0	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
Right2 VoiceFile	0	0	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
Left VoiceFile	0	0	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
PartSelect	0	0	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
PartOnOff (Right1)	0	0	X	X	X	X	X	-	0	Keyboard Voice	X	0	X	0	Voice	-	
PartOnOff (Right2)	0	0	X	X	X	X	X	-	0	Keyboard Voice	X	0	X	0	Voice	-	
PartOnOff (Left)	0	0	X	X	X	X	X	-	0	Keyboard Voice	X	0	X	0	Style	-	
RegistrationBankFile	0	0	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
Audio Player File	0	0	X	X	X	X	X	-	X	-	X	X	X	0	AUDIO	-	
<b>File System</b>																	
CharacterSelect	0	0	X	X	X	X	X	-	X	-	X	X	X	X	-	-	One setting for all the Name related pop-up window.
<b>Song</b>																	
Track1, 2 On/Off	0	0	X	X	X	X	X	-	0	Guide Setting	X	X	X	X	-	-	Setting is linked to Channel on/off.
ExtraTracks On/Off	0	0	X	X	X	X	X	-	X	-	X	X	X	X	-	-	Setting is linked to Channel on/off.
A-B Repeat	0	0	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
Syncho Start	0	0	X	X	X	X	X	-	X	-	X	X	X	0	SONG	-	
StartStop	0	0	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
Channel On/Off	0	0	X	X	X	X	X	-	X	-	X	X	X	0	SONG	-	
<b>Menu &gt; Function &gt; SongSetting</b>																	
Guide Mode	0	0	0	X	X	X	X	-	0	Guide Setting	X	X	X	X	-	-	Reset to its default setting when song data doesn't include this data.
Repeat Mode	0	0	0	X	X	X	X	-	X	-	X	X	X	X	-	-	
Phrase Mark Repeat	0	0	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
Track1 Channel	0	0	0	X	X	X	X	-	0	-	X	X	X	X	-	-	Set by recording. Different from one of the Track2.
Track2 Channel	0	0	0	X	X	X	X	-	0	-	X	X	X	X	-	-	Set by recording. Different from one of the Track2.
Auto Ch Set	0	0	0	X	X	X	X	-	X	-	X	X	X	X	-	-	
Lyrics Language	0	0	0	X	X	X	X	-	0	Lyrics Language	X	X	X	X	-	-	
QuickStart	0	0	0	X	X	X	X	-	X	-	X	X	X	X	-	-	
PAT On/Off	0	0	X	X	X	X	X	-	X	-	X	X	X	X	-	-	Set to OFF when a song is selected. Set to ON if the selected song has Sys Ex messages at the beginning of the data.
<b>Tempo</b>																	
Master Tempo	0	0	X	X	X	X	X	-	0	TEMPO	0	X	X	0	Tempo	-	
<b>Menu &gt; Function &gt; Digital Rec Menu &gt; Song Creator</b>																	
<b>REC Mode</b>																	
Rec Start	0	0	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
PunchInAt	0	0	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
Rec End	0	0	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
PunchOutAt	0	0	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
Pedal Punch In/Out	0	0	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
<b>Channel &gt; Quantize</b>																	
Channel	0	0	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
Size	0	0	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
Strength	0	0	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
<b>Channel &gt; Track Delete</b>																	
Track Delete	0	0	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
<b>Channel &gt; Track Mix</b>																	
Source1	0	0	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
Source2	0	0	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
Destination	0	0	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
<b>Channel &gt; Channel Transpose</b>																	
CHANNEL TRANSPOSE	0	0	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
<b>REC Mode &gt; Channel &gt; Setup</b>																	
Setup Select	0	0	0	X	X	X	X	-	X	-	X	X	X	X	-	-	
<b>Channel &gt; Chd/1-16/SysEx/Lyric &gt; Filter</b>																	
Main Filter	0	0	0	X	X	X	X	-	X	-	X	X	X	X	-	-	
Control Change Filter	0	0	0	X	X	X	X	-	X	-	X	X	X	X	-	-	
Style Filter	0	0	0	X	X	X	X	-	X	-	X	X	X	X	-	-	
<b>Lyric/Text</b>																	
BackGround (Panel Setting)		0	0	X	X	X	X	-	X	-	X	X	X	X	-	-	
BackGround (Song Setting)		0	X	X	X	X	X	-	0	Lyrics Setting	X	X	X	X	-	-	Reset to the background selected last via the panel operation with Factory Reset.
Text File (Panel Setting)	0	0	X	X	X	X	X	-	X	-	X	X	X	0	TEXT	-	
Viewer Mode	0	0	0	X	X	X	X	-	X	-	X	X	X	X	-	-	
<b>Text Sw</b>																	
Text Size	0	0	X	X	X	X	X	-	X	-	X	X	X	X	-	-	

Parameter	PSR-S710		PSR-S910		System			Voice Set	Voice Set Group	Song		Style		Registration		Param Lock Group	Note
	Setup	MIDI Setup	User Effect	Music Finder	Voice Set	Song	Song Setup Group			Style Data	OTS	Multi Pad	Regist	Freeze Group			
															PSR-S710		
<b>SCORE SW</b>																	
Left on/off	0	0	0	X	X	X	X	-	0	Score Setting	X	X	X	X	-	-	
Right on/off	0	0	0	X	X	X	X	-	0	Score Setting	X	X	X	X	-	-	
Lyric on/off	0	0	0	X	X	X	X	-	0	Score Setting	X	X	X	X	-	-	
Pedal on/off	0	0	0	X	X	X	X	-	0	Score Setting	X	X	X	X	-	-	
Chord on/off	0	0	0	X	X	X	X	-	0	Score Setting	X	X	X	X	-	-	
NoteName on/off	0	0	0	X	X	X	X	-	0	Score Setting	X	X	X	X	-	-	
Fingering on/off	0	0	0	X	X	X	X	-	0	Score Setting	X	X	X	X	-	-	
Size	0	0	0	X	X	X	X	-	0	Score Setting	X	X	X	X	-	-	
Left ch.	0	0	0	X	X	X	X	-	0	Score Setting	X	X	X	X	-	-	
Right ch.	0	0	0	X	X	X	X	-	0	Score Setting	X	X	X	X	-	-	
KeySignature	0	0	X	X	X	X	X	-	0	Score Setting	X	X	X	X	-	-	
Quantize	0	0	0	X	X	X	X	-	0	Score Setting	X	X	X	X	-	-	
NoteName	0	0	0	X	X	X	X	-	0	Score Setting	X	X	X	X	-	-	
ColorNote		0	0	X	X	X	X	-	0	Score Setting	X	X	X	X	-	-	
<b>Recording data</b>																	
Song XG data	0	0	X	X	X	X	X	X	0	-	X	X	X	X	-	-	
<b>Style</b>																	
AccompanimentOnOff	0	0	X	X	X	X	X	-	X	-	X	0 (On)	X	0	Style	-	
OTSLink	0	0	X	X	X	0 (On)	X	-	X	-	X	X	X	X	-	-	
AutoFillIn	0	0	0	X	X	X	X	-	X	-	X	X	X	X	-	-	
Section	0	0	X	X	X	X	X	-	X	-	X	X	X	0	Style	-	
SynchroStart	0	0	X	X	X	X	X	-	X	-	X	0 (On)	X	0	Style	-	
SynchroStop	0	0	X	X	X	X	X	-	X	-	X	X	X	0	Style	-	
StartStop	0	0	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
<b>Menu &gt; Function &gt; StyleSetting/SplitPoint/Chord Fingering</b>																	
<b>Style Setting</b>																	
StopAcmp	0	0	0	X	X	X	X	-	X	-	X	X	X	0	Style	-	
OTSLinkTiming	0	0	0	X	X	X	X	-	X	-	X	X	X	X	-	-	
SynchroStopWindow	0	0	0	X	X	X	X	-	X	-	X	X	X	0	Style	-	
StyleTouch	0	0	0	X	X	X	X	-	X	-	X	X	X	0	Style	-	
SectionSet	0	0	0	X	X	X	X	-	X	-	X	X	X	X	-	-	
Tempo Hold	0	0	0	X	X	X	X	-	X	-	X	X	X	X	-	-	
Part On/Off	0	0	0	X	X	X	X	-	X	-	X	X	X	X	-	-	
<b>SplitPoint</b>																	
SplitPoint (Left)	0	0	0	X	X	X	X	-	X	-	X	X	X	0	Style	Split Point	
SplitPoint (Style)	0	0	0	X	X	X	X	-	0	Guide Setting	X	X	X	0	Style	Split Point	
<b>Chord Fingering</b>																	
FingeringType	0	0	0	X	X	X	X	-	X	-	X	X	X	0	Style	Fingering	
Chord Root Note	0	0	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
Chord Root Type	0	0	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
<b>Menu &gt; Function &gt; Digital Rec Menu &gt; Style Creator</b>																	
<b>BASIC</b>																	
Section	0	0	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
Pattern Length	0	0	X	X	X	X	X	-	X	-	0	X	X	X	-	-	
Tempo	0	0	X	X	X	X	X	-	X	-	0	X	X	X	-	-	
Beat	0	0	X	X	X	X	X	-	X	-	0	X	X	X	-	-	
<b>Assembly</b>																	
Source Pattern	0	0	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
Section	0	0	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
Channel	0	0	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
Play Type	0	0	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
<b>Groove &gt; Groove</b>																	
Original Beat	0	0	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
Beat Converter	0	0	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
Swing	0	0	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
Fine	0	0	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
<b>Groove &gt; Dynamics</b>																	
Channel	0	0	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
Accent Type	0	0	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
Strength	0	0	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
Expand/Comp.	0	0	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
Boost/Cut	0	0	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
<b>Channel &gt; Quantize</b>																	
Channel	0	0	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
Size	0	0	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
Strength	0	0	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
<b>Channel &gt; Velocity Change</b>																	
Channel	0	0	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
Boost/Cut	0	0	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
<b>Channel &gt; Bar Copy</b>																	
Channel	0	0	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
Source Top	0	0	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
Source Last	0	0	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
Destination	0	0	X	X	X	X	X	-	X	-	X	X	X	X	-	-	

Parameter	PSR-S710	PSR-S910	System				Voice Set	Voice Set Group	Song		Style		Registration			Note	
			Setup	MIDI Setup	User Effect	Music Finder			Song	Song Setup Group	Style Data	OTS	Multi Pad	Regist	Freeze Group		Param Lock Group
<b>Channel &gt; Bar Clear</b>																	
Channel	○	○	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
Source Top	○	○	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
Source Last	○	○	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
<b>Channel &gt; Remove Event</b>																	
Channel	○	○	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
Event	○	○	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
<b>Parameter</b>																	
Channel	○	○	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
Source Root	○	○	X	X	X	X	X	-	X	-	○	X	X	X	-	-	
Source Chord	○	○	X	X	X	X	X	-	X	-	○	X	X	X	-	-	
NTR	○	○	X	X	X	X	X	-	X	-	○	X	X	X	-	-	
NTT	○	○	X	X	X	X	X	-	X	-	○	X	X	X	-	-	
NTT BASS	○	○	X	X	X	X	X	-	X	-	○	X	X	X	-	-	
High Key	○	○	X	X	X	X	X	-	X	-	○	X	X	X	-	-	
Note Limit Low	○	○	X	X	X	X	X	-	X	-	○	X	X	X	-	-	
Note Limit High	○	○	X	X	X	X	X	-	X	-	○	X	X	X	-	-	
RTR	○	○	X	X	X	X	X	-	X	-	○	X	X	X	-	-	
<b>Edit &gt; Filter</b>																	
Main Filter	○	○	○	X	X	X	X	-	X	-	X	X	X	X	-	-	
Control Change Filter	○	○	○	X	X	X	X	-	X	-	X	X	X	X	-	-	
<b>MusicFinder</b>																	
SortBy	○	○	○	X	X	X	X	-	X	-	X	X	X	X	-	-	
SortOrder	○	○	○	X	X	X	X	-	X	-	X	X	X	X	-	-	
Style Tempo	○	○	○	X	X	X	X	-	X	-	X	X	X	X	-	-	
Information Display SW	○	○	○	X	X	X	X	-	X	-	X	X	X	X	-	-	
<b>Search 1/2 display</b>																	
Music	○	○	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
Keyword	○	○	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
Style	○	○	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
Beat	○	○	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
SearchArea	○	○	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
Tempo (Low)	○	○	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
Tempo (High)	○	○	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
Genre	○	○	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
Search Result	○	○	X	X	X	○	X	-	X	-	X	X	X	X	-	-	
Record (=Property settings)	○	○	X	X	X	○	X	-	X	-	X	X	X	X	-	-	
<b>Recording data</b>																	
SFF data	○	○	X	X	X	X	X	-	X	-	○	X	X	X	-	-	
<b>MultiPad</b>																	
Multi Pad ContentsName	○	○	X	X	X	X	X	-	X	-	X	X	○	X	-	-	
Sync Start	○	○	X	X	X	X	X	-	X	-	X	X	X	○	MultiPad	-	
<b>Menu &gt; Function &gt; Digital Rec Menu &gt; Multi Pad Creator</b>																	
<b>Record</b>																	
Repeat	○	○	X	X	X	X	X	-	X	-	X	X	○	X	-	-	
Chord Match	○	○	X	X	X	X	X	-	X	-	X	X	○	X	-	-	
<b>Edit &gt; Filter</b>																	
Main Filter	○	○	○	X	X	X	X	-	X	-	X	X	X	X	-	-	
Control Change Filter	○	○	○	X	X	X	X	-	X	-	X	X	X	X	-	-	
<b>Recording data</b>																	
Multi Pad Data	○	○	X	X	X	X	X	-	X	-	X	X	○	X	-	-	
<b>Voice</b>																	
LeftHold	○	○	X	X	X	X	X	-	○	Keyboard Voice	X	○	X	○	Style	-	
<b>VoiceEffect</b>																	
Initial Touch On Off	○	○	X	X	X	X	X	-	X	-	X	X	X	○	Voice	-	
Harmony/Echo	○	○	X	X	X	X	X	-	○	Keyboard Voice	X	○	X	○	Harmony	-	
Poly/Mono (Right1)	○	○	X	X	X	X	○	Voice	○	Keyboard Voice	X	○	X	○	Voice	-	
Poly/Mono (Right2)	○	○	X	X	X	X	○	Voice	○	Keyboard Voice	X	○	X	○	Voice	-	
Poly/Mono (Left)	○	○	X	X	X	X	○	Voice	○	Keyboard Voice	X	○	X	○	Style	-	
Panel Sustain	○	○	X	X	X	X	X	-	X	-	X	X	X	○	Voice	-	
DSP (Right1)	○	○	X	X	X	X	○	Effect	○	Keyboard Voice	X	○	X	○	Voice	-	
DSP (Right2)	○	○	X	X	X	X	○	Effect	○	Keyboard Voice	X	○	X	○	Voice	-	
DSP (Left)	○	○	X	X	X	X	○	Effect	○	Keyboard Voice	X	○	X	○	Style	-	
Variation (Right1)	○	○	X	X	X	X	○	Effect	○	Keyboard Voice	X	○	X	○	Voice	-	
Variation (Right2)	○	○	X	X	X	X	○	Effect	○	Keyboard Voice	X	○	X	○	Voice	-	
Variation (Left)	○	○	X	X	X	X	○	Effect	○	Keyboard Voice	X	○	X	○	Style	-	
<b>Voice Open/Save &gt; Voice Set</b>																	
Voice (Right1)	○	○	X	X	X	X	○	-	○	Keyboard Voice	X	○	X	○	Voice	-	
Voice (Right2)	○	○	X	X	X	X	○	-	○	Keyboard Voice	X	○	X	○	Voice	-	
Voice (Left)	○	○	X	X	X	X	○	-	○	Keyboard Voice	X	○	X	○	Style	-	
<b>COMMON</b>																	
Volume for Balance (Right1)	○	○	X	X	X	X	○	Voice	○	Keyboard Voice	X	○	X	○	Voice	-	
Volume for Balance (Right2)	○	○	X	X	X	X	○	Voice	○	Keyboard Voice	X	○	X	○	Voice	-	
Volume for Balance (Left)	○	○	X	X	X	X	○	Voice	○	Keyboard Voice	X	○	X	○	Style	-	
Touch Sense Depth (Right1)	○	○	X	X	X	X	○	Voice	○	Keyboard Voice	X	○	X	○	Voice	-	
Touch Sense Depth (Right2)	○	○	X	X	X	X	○	Voice	○	Keyboard Voice	X	○	X	○	Voice	-	
Touch Sense Depth (Left)	○	○	X	X	X	X	○	Voice	○	Keyboard Voice	X	○	X	○	Style	-	

Parameter	PSR-S710		System				Voice Set	Voice Set Group	Song		Style		Registration			Note	
	PSR-S710	PSR-S910	Setup	MIDI Setup	User Effect	Music Finder			Song	Song Setup Group	Style Data	OTS	Multi Pad	Regist	Freeze Group		Param Lock Group
<b>COMMON</b>																	
Touch Sense Offset (Right1)	0	0	X	X	X	X	0	Voice	0	Keyboard Voice	X	0	X	0	Voice	-	
Touch Sense Offset (Right2)	0	0	X	X	X	X	0	Voice	0	Keyboard Voice	X	0	X	0	Voice	-	
Touch Sense Offset (Left)	0	0	X	X	X	X	0	Voice	0	Keyboard Voice	X	0	X	0	Style	-	
Octave for Right1	0	0	X	X	X	X	0	Voice	X	-	X	0	X	0	Voice	-	
Octave for Right2	0	0	X	X	X	X	0	Voice	X	-	X	0	X	0	Voice	-	
Octave for Left	0	0	X	X	X	X	0	Voice	X	-	X	0	X	0	Style	-	
<b>CONTROLLER</b>																	
MW Low Pass Filter Control (Right1)	0	0	X	X	X	X	0	Voice	0	Keyboard Voice	X	0	X	0	Voice	-	
MW Low Pass Filter Control (Right2)	0	0	X	X	X	X	0	Voice	0	Keyboard Voice	X	0	X	0	Voice	-	
MW Low Pass Filter Control (Left)	0	0	X	X	X	X	0	Voice	0	Keyboard Voice	X	0	X	0	Style	-	
MW Amplitude Control (Right1)	0	0	X	X	X	X	0	Voice	0	Keyboard Voice	X	0	X	0	Voice	-	
MW Amplitude Control (Right2)	0	0	X	X	X	X	0	Voice	0	Keyboard Voice	X	0	X	0	Voice	-	
MW Amplitude Control (Left)	0	0	X	X	X	X	0	Voice	0	Keyboard Voice	X	0	X	0	Style	-	
MW LFO PMOD Depth (Right1)	0	0	X	X	X	X	0	Voice	0	Keyboard Voice	X	0	X	0	Voice	-	
MW LFO PMOD Depth (Right2)	0	0	X	X	X	X	0	Voice	0	Keyboard Voice	X	0	X	0	Voice	-	
MW LFO PMOD Depth (Left)	0	0	X	X	X	X	0	Voice	0	Keyboard Voice	X	0	X	0	Style	-	
MW LFO FMOD Depth (Right1)	0	0	X	X	X	X	0	Voice	0	Keyboard Voice	X	0	X	0	Voice	-	
MW LFO FMOD Depth (Right2)	0	0	X	X	X	X	0	Voice	0	Keyboard Voice	X	0	X	0	Voice	-	
MW LFO FMOD Depth (Left)	0	0	X	X	X	X	0	Voice	0	Keyboard Voice	X	0	X	0	Style	-	
MW LFO AMOD Depth (Right1)	0	0	X	X	X	X	0	Voice	0	Keyboard Voice	X	0	X	0	Voice	-	
MW LFO AMOD Depth (Right2)	0	0	X	X	X	X	0	Voice	0	Keyboard Voice	X	0	X	0	Voice	-	
MW LFO AMOD Depth (Left)	0	0	X	X	X	X	0	Voice	0	Keyboard Voice	X	0	X	0	Style	-	
<b>SOUND</b>																	
EG Attack (Right1)	0	0	X	X	X	X	0	Voice	0	Keyboard Voice	X	0	X	0	Voice	-	
EG Attack (Right2)	0	0	X	X	X	X	0	Voice	0	Keyboard Voice	X	0	X	0	Voice	-	
EG Attack (Left)	0	0	X	X	X	X	0	Voice	0	Keyboard Voice	X	0	X	0	Style	-	
EG Decay (Right1)	0	0	X	X	X	X	0	Voice	0	Keyboard Voice	X	0	X	0	Voice	-	
EG Decay (Right2)	0	0	X	X	X	X	0	Voice	0	Keyboard Voice	X	0	X	0	Voice	-	
EG Decay (Left)	0	0	X	X	X	X	0	Voice	0	Keyboard Voice	X	0	X	0	Style	-	
EG Release (Right1)	0	0	X	X	X	X	0	Voice	0	Keyboard Voice	X	0	X	0	Voice	-	
EG Release (Right2)	0	0	X	X	X	X	0	Voice	0	Keyboard Voice	X	0	X	0	Voice	-	
EG Release (Left)	0	0	X	X	X	X	0	Voice	0	Keyboard Voice	X	0	X	0	Style	-	
Vibrato Depth (Right1)	0	0	X	X	X	X	0	Voice	0	Keyboard Voice	X	0	X	0	Voice	-	
Vibrato Depth (Right2)	0	0	X	X	X	X	0	Voice	0	Keyboard Voice	X	0	X	0	Voice	-	
Vibrato Depth (Left)	0	0	X	X	X	X	0	Voice	0	Keyboard Voice	X	0	X	0	Style	-	
Vibrato Speed (Right1)	0	0	X	X	X	X	0	Voice	0	Keyboard Voice	X	0	X	0	Voice	-	
Vibrato Speed (Right2)	0	0	X	X	X	X	0	Voice	0	Keyboard Voice	X	0	X	0	Voice	-	
Vibrato Speed (Left)	0	0	X	X	X	X	0	Voice	0	Keyboard Voice	X	0	X	0	Style	-	
Vibrato Delay (Right1)	0	0	X	X	X	X	0	Voice	0	Keyboard Voice	X	0	X	0	Voice	-	
Vibrato Delay (Right2)	0	0	X	X	X	X	0	Voice	0	Keyboard Voice	X	0	X	0	Voice	-	
Vibrato Delay (Left)	0	0	X	X	X	X	0	Voice	0	Keyboard Voice	X	0	X	0	Style	-	
<b>EFFECT/EQ</b>																	
Panel Sustain (Right1)	0	0	X	X	X	X	0	Voice	0	Keyboard Voice	X	0	X	0	Voice	-	
Panel Sustain (Right2)	0	0	X	X	X	X	0	Voice	0	Keyboard Voice	X	0	X	0	Voice	-	
Panel Sustain (Left)	0	0	X	X	X	X	0	Voice	0	Keyboard Voice	X	0	X	0	Style	-	
DSP Type (Right1)	0	0	X	X	X	X	0	Effect	0	Keyboard Voice	X	0	X	0	Voice	-	
DSP Type (Right2)	0	0	X	X	X	X	0	Effect	0	Keyboard Voice	X	0	X	0	Voice	-	
DSP Type (Left)	0	0	X	X	X	X	0	Effect	0	Keyboard Voice	X	0	X	0	Style	-	
DSP Variation Value (Right1)	0	0	X	X	X	X	0	Effect	0	Keyboard Voice	X	0	X	0	Voice	-	
DSP Variation Value (Right2)	0	0	X	X	X	X	0	Effect	0	Keyboard Voice	X	0	X	0	Voice	-	
DSP Variation Value (Left)	0	0	X	X	X	X	0	Effect	0	Keyboard Voice	X	0	X	0	Style	-	
EQ Low Freq (Right1)	0	0	X	X	X	X	0	EQ	0	Keyboard Voice	X	0	X	0	Voice	-	
EQ Low Freq (Right2)	0	0	X	X	X	X	0	EQ	0	Keyboard Voice	X	0	X	0	Voice	-	
EQ Low Freq (Left)	0	0	X	X	X	X	0	EQ	0	Keyboard Voice	X	0	X	0	Style	-	
EQ High Freq (Right1)	0	0	X	X	X	X	0	EQ	0	Keyboard Voice	X	0	X	0	Voice	-	
EQ High Freq (Right2)	0	0	X	X	X	X	0	EQ	0	Keyboard Voice	X	0	X	0	Voice	-	
EQ High Freq (Left)	0	0	X	X	X	X	0	EQ	0	Keyboard Voice	X	0	X	0	Style	-	
<b>OrganFlute &gt; Footage</b>																	
Organ Flutes Footage (Right1)	0	0	X	X	X	X	0	-	0	Keyboard Voice	X	0	X	0	Voice	-	
Organ Flutes Footage (Right2)	0	0	X	X	X	X	0	-	0	Keyboard Voice	X	0	X	0	Voice	-	
Organ Flutes Footage (Left)	0	0	X	X	X	X	0	-	0	Keyboard Voice	X	0	X	0	Style	-	
Organ Flutes Type (Right1)	0	0	X	X	X	X	0	-	0	Keyboard Voice	X	0	X	0	Voice	-	

Parameter			System						Song		Style		Registration			Note	
	PSR-S710	PSR-S910	Setup	MIDI Setup	User Effect	Music Finder	Voice Set	Voice Set Group	Song	Song Setup Group	Style Data	OTS	Multi Pad	Regist	Freeze Group		Param Lock Group
<b>OrganFlute &gt; Footage</b>																	
Organ Flutes Type (Right2)	0	0	X	X	X	X	0	-	0	Keyboard Voice	X	0	X	0	Voice	-	
Organ FlutesType (Left)	0	0	X	X	X	X	0	-	0	Keyboard Voice	X	0	X	0	Style	-	
Organ Vib On/Off (Right1)	0	0	X	X	X	X	0	-	0	Keyboard Voice	X	0	X	0	Voice	-	
Organ Vib On/Off (Right2)	0	0	X	X	X	X	0	-	0	Keyboard Voice	X	0	X	0	Voice	-	
Organ Vib On/Off (Left)	0	0	X	X	X	X	0	-	0	Keyboard Voice	X	0	X	0	Style	-	
Organ Vib Depth (Right1)	0	0	X	X	X	X	0	Voice	0	Keyboard Voice	X	0	X	0	Voice	-	
Organ Vib Depth (Right2)	0	0	X	X	X	X	0	Voice	0	Keyboard Voice	X	0	X	0	Voice	-	
Organ Vib Depth (Left)	0	0	X	X	X	X	0	Voice	0	Keyboard Voice	X	0	X	0	Style	-	
Organ Vib Speed (Right1)	0	0	X	X	X	X	0	Voice	0	Keyboard Voice	X	0	X	0	Voice	-	
Organ Vib Speed (Right2)	0	0	X	X	X	X	0	Voice	0	Keyboard Voice	X	0	X	0	Voice	-	
Organ Vib Speed (Left)	0	0	X	X	X	X	0	Voice	0	Keyboard Voice	X	0	X	0	Style	-	
<b>OrganFlute &gt; Volume/Attack</b>																	
Organ Flutes Attack Footage (Right1)	0	0	X	X	X	X	0	-	0	Keyboard Voice	X	0	X	0	Voice	-	
Organ Flutes Attack Footage (Right2)	0	0	X	X	X	X	0	-	0	Keyboard Voice	X	0	X	0	Voice	-	
Organ Flutes Attack Footage (Left)	0	0	X	X	X	X	0	-	0	Keyboard Voice	X	0	X	0	Style	-	
Organ Flutes Attack Mode (Right1)	0	0	X	X	X	X	0	-	0	Keyboard Voice	X	0	X	0	Voice	-	
Organ Flutes Attack Mode (Right2)	0	0	X	X	X	X	0	-	0	Keyboard Voice	X	0	X	0	Voice	-	
Organ Flutes Attack Mode (Left)	0	0	X	X	X	X	0	-	0	Keyboard Voice	X	0	X	0	Style	-	
Organ Flutes Attack length (Right1)	0	0	X	X	X	X	0	-	0	Keyboard Voice	X	0	X	0	Voice	-	
Organ Flutes Attack length (Right2)	0	0	X	X	X	X	0	-	0	Keyboard Voice	X	0	X	0	Voice	-	
Organ Flutes Attack length (Left)	0	0	X	X	X	X	0	-	0	Keyboard Voice	X	0	X	0	Style	-	
Organ Flutes Response (Right1)	0	0	X	X	X	X	0	-	0	Keyboard Voice	X	0	X	0	Voice	-	
Organ Flutes Response (Right2)	0	0	X	X	X	X	0	-	0	Keyboard Voice	X	0	X	0	Voice	-	
Organ Flutes Response (Left)	0	0	X	X	X	X	0	-	0	Keyboard Voice	X	0	X	0	Style	-	
Organ Flutes Volume (Right1)	0	0	X	X	X	X	0	-	0	Keyboard Voice	X	0	X	0	Voice	-	
Organ Flutes Volume (Right2)	0	0	X	X	X	X	0	-	0	Keyboard Voice	X	0	X	0	Voice	-	
Organ Flutes Volume (Left)	0	0	X	X	X	X	0	-	0	Keyboard Voice	X	0	X	0	Style	-	
<b>Mic</b>																	
VocalHarmonyOnOff			0	X	X	X	X	-	0	Mic.Setting	X	X	X	0	Mic	Mic.Setting	
TalkOnOff			0	X	X	X	X	-	X	-	X	X	X	X	-	-	
Mic EffectOnOff			0	X	X	X	X	-	0	Mic.Setting	X	X	X	0	Mic	Mic.Setting	
VHType			0	X	X	X	X	-	0	Mic.Setting	X	X	X	0	Mic	Mic.Setting	
VHParameters			0	X	X	0	X	-	0	Mic.Setting	X	X	X	X	-	Mic.Setting	
<b>Main &gt; Mic Setting</b>																	
<b>Mic Setting &gt; OverAll Setting</b>																	
EQ Low Freq.			0	0	X	X	X	-	X	-	X	X	X	X	-	-	
EQ Low Gain			0	0	X	X	X	-	X	-	X	X	X	X	-	-	
EQ Mid Freq.			0	0	X	X	X	-	X	-	X	X	X	X	-	-	
EQ Mid Gain			0	0	X	X	X	-	X	-	X	X	X	X	-	-	
EQ High Freq.			0	0	X	X	X	-	X	-	X	X	X	X	-	-	
EQ High Gain			0	0	X	X	X	-	X	-	X	X	X	X	-	-	
Noise Gate SW			0	0	X	X	X	-	X	-	X	X	X	X	-	-	
Noise Gate TH			0	0	X	X	X	-	X	-	X	X	X	X	-	-	
Compressor SW			0	0	X	X	X	-	X	-	X	X	X	X	-	-	
Compressor TH			0	0	X	X	X	-	X	-	X	X	X	X	-	-	
Compressor RAT			0	0	X	X	X	-	X	-	X	X	X	X	-	-	
Compressor OUT			0	0	X	X	X	-	X	-	X	X	X	X	-	-	
VH Song Channel Mute			0	X	X	X	X	-	X	-	X	X	X	0	Mic	Mic.Setting	
VH Song Channel			0	X	X	X	X	-	0	Mic.Setting	X	X	X	0	Mic	Mic.Setting	
VH Keyboard			0	X	X	X	X	-	0	Mic.Setting	X	X	X	0	Mic	Mic.Setting	
VH Balance			0	X	X	X	X	-	0	Mic.Setting	X	X	X	0	Mic	Mic.Setting	
VH Mode			0	X	X	X	X	-	X	-	X	X	X	0	Mic	Mic.Setting	
VH Chord Detect			0	X	X	X	X	-	X	-	X	X	X	0	Mic	Mic.Setting	
MicMute			0	X	X	X	X	-	X	-	X	X	X	X	-	-	
MicVolume			0	X	X	X	X	-	0	Mic.Setting	X	X	X	0	Mic	Mic.Setting	
VocalRange			0	0	X	X	X	-	X	-	X	X	X	X	-	-	
<b>Mic Setting &gt; Talk Setting</b>																	
Talk Setting Volume			0	0	X	X	X	-	X	-	X	X	X	X	-	-	
Talk Setting Pan			0	0	X	X	X	-	X	-	X	X	X	X	-	-	
Talk Setting ReverbDepth			0	0	X	X	X	-	X	-	X	X	X	X	-	-	
Talk Setting ChorusDepth			0	0	X	X	X	-	X	-	X	X	X	X	-	-	
Talk Setting TotalVolumeAttenuator			0	0	X	X	X	-	X	-	X	X	X	X	-	-	
Talk Setting DSPOnOff			0	0	X	X	X	-	X	-	X	X	X	X	-	-	

Parameter	PSR-S710	PSR-S910	System					Voice Set	Voice Set Group	Song		Style		Registration			Note
			Setup	MIDI Setup	User Effect	Music Finder	Song			Song Setup Group	Style Data	OTS	Multi Pad	Regist	Freeze Group	Param Lock Group	
<b>Mic Setting &gt; Talk Setting</b>																	
Talk Setting DSPDepth		O	O	X	X	X	X	-	X	-	X	X	X	X	-	-	
Talk Setting DSSType		O	O	X	X	X	X	-	X	-	X	X	X	X	-	-	
<b>Main &gt; Mixing Console &gt; Voice</b>																	
<b>Volume</b>																	
Offset Volume Song	O	O	X	X	X	X	X	-	X	-	X	X	X	O	Song	-	
Offset Volume Style	O	O	X	X	X	X	X	-	X	-	X	X	X	O	Style	-	
Volume M.Pad	O	O	X	X	X	X	X	-	O	Keyboard Voice	X	O	X	O	MultiPad	-	
Volume Mic		O	X	X	X	X	X	-	O	Mic.Setting	X	X	X	O	Mic	Mic.Setting	
Volume Left	O	O	X	X	X	X	X	-	O	Keyboard Voice	X	O	X	O	Style	-	
Volume Right1	O	O	X	X	X	X	X	-	O	Keyboard Voice	X	O	X	O	Voice	-	
Volume Right2	O	O	X	X	X	X	X	-	O	Keyboard Voice	X	O	X	O	Voice	-	
Part Volume Song	O	O	X	X	X	X	X	-	O	Volume	X	X	X	X	-	-	
Part Volume Style	O	O	X	X	X	X	X	-	X	-	O	X	X	O	Style	-	
<b>PanPot</b>																	
Offset PanPot Song	O	O	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
Offset PanPot Style	O	O	X	X	X	X	X	-	X	-	X	X	X	O	Style	-	
PanPot M.Pad	O	O	X	X	X	X	X	-	X	-	X	X	X	O	Multi Pad	-	
PanPot Mic		O	X	X	X	X	X	-	O	Mic.Setting	X	X	X	O	Mic	Mic.Setting	
PanPot Left	O	O	X	X	X	X	X	-	O	Keyboard Voice	X	O	X	O	Style	-	
PanPot Right1	O	O	X	X	X	X	X	-	O	Keyboard Voice	X	O	X	O	Voice	-	
PanPot Right2	O	O	X	X	X	X	X	-	O	Keyboard Voice	X	O	X	O	Voice	-	
Part PanPot Song	O	O	X	X	X	X	X	-	O	Pan	X	X	X	X	-	-	
Part PanPot Style	O	O	X	X	X	X	X	-	X	-	O	X	X	O	Style	-	
<b>Voice</b>																	
Voice (Right1)	O	O	X	X	X	X	O	-	O	Keyboard Voice	X	O	X	O	Voice	-	
Voice (Right2)	O	O	X	X	X	X	O	-	O	Keyboard Voice	X	O	X	O	Voice	-	
Voice (Left)	O	O	X	X	X	X	O	-	O	Keyboard Voice	X	O	X	O	Style	-	
Voice (Style Part)	O	O	X	X	X	X	X	-	X	-	O	X	X	O	Style	-	
Voice (Song Part)	O	O	X	X	X	X	X	-	O	Voice	X	X	X	X	-	-	
<b>Auto Revoice</b>																	
Auto Revoice On/Off	O	O	O	X	X	X	X	-	X	-	X	X	X	X	-	-	
Auto Revoice Setup	O	O	O	X	X	X	X	-	X	-	X	X	X	X	-	-	
<b>Main &gt; Mixing Console &gt; Filter</b>																	
<b>Brightness</b>																	
Brightness Song Part	O	O	X	X	X	X	X	-	O	Filter	X	X	X	X	-	-	
Brightness Style Part	O	O	X	X	X	X	X	-	X	-	O	X	X	O	Style	-	
Brightness Right1	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	X	O	Voice	-	
Brightness Right2	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	X	O	Voice	-	
Brightness Left	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	X	O	Style	-	
<b>Harmonic Content</b>																	
Harmonic Content Song Part	O	O	X	X	X	X	X	-	O	Filter	X	X	X	X	-	-	
Harmonic Content Style Part	O	O	X	X	X	X	X	-	X	-	O	X	X	O	Style	-	
Harmonic Content Right1	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	X	O	Voice	-	
Harmonic Content Right2	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	X	O	Voice	-	
Harmonic Content Left	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	X	O	Style	-	
<b>Main &gt; Mixing Console &gt; Tune</b>																	
<b>Octave</b>																	
Octave Right1	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	X	O	Voice	-	
Octave Right2	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	X	O	Voice	-	
Octave Left	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	X	O	Style	-	
<b>Tune</b>																	
Tune Right1	O	O	X	X	X	X	X	-	O	Keyboard Voice	X	O	X	O	Voice	-	
Tune Right2	O	O	X	X	X	X	X	-	O	Keyboard Voice	X	O	X	O	Voice	-	
Tune Left	O	O	X	X	X	X	X	-	O	Keyboard Voice	X	O	X	O	Style	-	
<b>Portamento Time</b>																	
Portamento Time Right1	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	X	O	Voice	-	
Portamento Time Right2	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	X	O	Voice	-	
Portamento Time Left	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	X	O	Style	-	
<b>Pitch Bend Range</b>																	
Pitch Bend Range Right1	O	O	X	X	X	X	X	-	O	Keyboard Voice	X	O	X	O	Voice	-	
Pitch Bend Range Right2	O	O	X	X	X	X	X	-	O	Keyboard Voice	X	O	X	O	Voice	-	
Pitch Bend Range Left	O	O	X	X	X	X	X	-	O	Keyboard Voice	X	O	X	O	Style	-	
<b>Transpose</b>																	
Master Transpose	O	O	X	X	X	X	X	-	X	-	X	X	X	O	Transpose	-	
Song Transpose	O	O	X	X	X	X	X	-	X	-	X	X	X	O	Transpose	-	
Keyboard Transpose	O	O	X	X	X	X	X	-	X	-	X	X	X	O	Transpose	-	
<b>Main &gt; Mixing Console &gt; EQ</b>																	
MasterEQ Type	O	O	O	X	X	X	X	-	X	-	X	X	X	X	-	Master EQ	
MasterEQ Parameter	O	O	X	X	O	X	X	-	X	-	X	X	X	X	-	Master EQ	
<b>EQ Low Gain</b>																	
EQ Low Gain Style Part	O	O	X	X	X	X	X	-	X	-	O	X	X	O	Style	-	
EQ Low Gain Song Part	O	O	X	X	X	X	X	-	O	EQ	X	X	X	X	-	-	
EQ Low Gain Multi Pad	O	O	X	X	X	X	X	-	X	-	X	X	X	O	Multi Pad	-	
EQ Low Gain Right1	O	O	X	X	X	X	O	EQ	O	Keyboard Voice	X	O	X	O	Voice	-	
EQ Low Gain Right2	O	O	X	X	X	X	O	EQ	O	Keyboard Voice	X	O	X	O	Voice	-	
EQ Low Gain Left	O	O	X	X	X	X	O	EQ	O	Keyboard Voice	X	O	X	O	Style	-	



Parameter	PSR-S710	PSR-S910	System				Voice Set	Voice Set Group	Song		Style		Registration			Note	
			Setup	MIDI Setup	User Effect	Music Finder			Song	Song Setup Group	Style Data	OTS	Multi Pad	Regist	Freeze Group		Param Lock Group
<b>EQ Low Gain</b>																	
EQ Low Gain Style (Offset)	O	O	X	X	X	X	X	-	X	-	X	X	X	O	Style	-	
EQ Low Gain Song (Offset)	O	O	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
<b>EQ High Gain</b>																	
EQ High Gain Style Part	O	O	X	X	X	X	X	-	X	-	O	X	X	O	Style	-	
EQ High Gain Song Part	O	O	X	X	X	X	X	-	O	EQ	X	X	X	X	-	-	
EQ High Gain Multi Pad	O	O	X	X	X	X	X	-	X	-	X	X	X	O	Multi Pad	-	
EQ High Gain Right1	O	O	X	X	X	X	O	EQ	O	Keyboard Voice	X	O	X	O	Voice	-	
EQ High Gain Right2	O	O	X	X	X	X	O	EQ	O	Keyboard Voice	X	O	X	O	Voice	-	
EQ High Gain Left	O	O	X	X	X	X	O	EQ	O	Keyboard Voice	X	O	X	O	Style	-	
EQ High Gain Style (Offset)	O	O	X	X	X	X	X	-	X	-	X	X	X	O	Style	-	
EQ High Gain Song (Offset)	O	O	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
<b>Main &gt; Mixing Console &gt; Effect</b>																	
<b>Reverb Type</b>																	
Reverb Type	O	O	X	X	X	X	X	-	O	Effect	O	X	X	O	Style/Song	Reverb Type	
Reverb Return Level	O	O	X	X	X	X	X	-	O	Effect	O	X	X	O	Style/Song	Reverb Return Level	
<b>Reverb Depth</b>																	
Reverb Depth Style Part	O	O	X	X	X	X	X	-	X	-	O	X	X	O	Style	-	
Reverb Depth Song Part	O	O	X	X	X	X	X	-	O	Effect	X	X	X	X	-	-	
Reverb Depth Multi Pad	O	O	X	X	X	X	X	-	X	-	X	X	X	O	Multi Pad	-	
Reverb Depth Mic		O	X	X	X	X	X	-	O	Mic.Setting	X	X	X	O	Mic	Mic.Setting	
Reverb Depth Right1	O	O	X	X	X	X	O	Effect	O	Keyboard Voice	X	O	X	O	Voice	-	
Reverb Depth Right2	O	O	X	X	X	X	O	Effect	O	Keyboard Voice	X	O	X	O	Voice	-	
Reverb Depth Left	O	O	X	X	X	X	O	Effect	O	Keyboard Voice	X	O	X	O	Style	-	
Reverb Depth Style (Offset)	O	O	X	X	X	X	X	-	X	-	X	X	X	O	Style	-	
Reverb Depth Song (Offset)	O	O	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
<b>Chorus Type</b>																	
Chorus Type	O	O	X	X	X	X	X	-	O	Effect	O	X	X	O	Style/Song	-	
Chorus Return Level	O	O	X	X	X	X	X	-	O	Effect	O	X	X	O	Style/Song	Chorus Return Level	
<b>Chorus Depth</b>																	
Chorus Depth Style Part	O	O	X	X	X	X	X	-	X	-	O	X	X	O	Style	-	
Chorus Depth Song Part	O	O	X	X	X	X	X	-	O	Effect	X	X	X	X	-	-	
Chorus Depth Multi Pad	O	O	X	X	X	X	X	-	X	-	X	X	X	O	Multi Pad	-	
Chorus Depth Mic		O	X	X	X	X	X	-	O	Mic.Setting	X	X	X	O	Mic	Mic.Setting	
Chorus Depth Right1	O	O	X	X	X	X	O	Effect	O	Keyboard Voice	X	O	X	O	Voice	-	
Chorus Depth Right2	O	O	X	X	X	X	O	Effect	O	Keyboard Voice	X	O	X	O	Voice	-	
Chorus Depth Left	O	O	X	X	X	X	O	Effect	O	Keyboard Voice	X	O	X	O	Style	-	
Chorus Depth Style (Offset)	O	O	X	X	X	X	X	-	X	-	X	X	X	O	Style	-	
Chorus Depth Song (Offset)	O	O	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
<b>DSP Type</b>																	
DSP1 (Variation) Type	O	O	X	X	X	X	X	-	O	Effect	O	X	X	O	Style/Song	-	
DSP1 (Variation) Return Level	O	O	X	X	X	X	X	-	O	Effect	O	X	X	O	Style/Song	DSP1 Return Level	
DSP2Type	O	O	X	X	X	X	X	-	O	Effect	X	X	X	O	Voice/Style/Song	-	
DSP3Type	O	O	X	X	X	X	X	-	O	Effect	X	X	X	O	Voice/Style/Song	-	
DSP4Type		O	X	X	X	X	X	-	O	Effect/Mic	X	X	X	O	Voice/Style/Song/Mic	Mic.Setting	
DSP4Type	O		X	X	X	X	X	-	O	Effect	X	X	X	O	Voice/Style/Song	-	
<b>DSP Depth</b>																	
DSP Depth Style Part	O	O	X	X	X	X	X	-	X	-	O	X	X	O	Style	-	
DSP Depth Song Part	O	O	X	X	X	X	X	-	O	Effect	X	X	X	X	-	-	
DSP Depth Right1	O	O	X	X	X	X	O	Effect	O	Keyboard Voice	X	O	X	O	Voice	-	
DSP Depth Right2	O	O	X	X	X	X	O	Effect	O	Keyboard Voice	X	O	X	O	Voice	-	
DSP Depth Left	O	O	X	X	X	X	O	Effect	O	Keyboard Voice	X	O	X	O	Style	-	
DSP Depth Mic		O	X	X	X	X	X	-	O	Mic.Setting	X	X	X	O	Mic	-	
<b>InsertionType</b>																	
Ins.Type (Right1)	O	O	X	X	X	X	O	Effect	O	Keyboard Voice	X	O	X	O	Voice	-	
Ins.Type (Right2)	O	O	X	X	X	X	O	Effect	O	Keyboard Voice	X	O	X	O	Voice	-	
Ins.Type (Left)	O	O	X	X	X	X	O	Effect	O	Keyboard Voice	X	O	X	O	Style	-	
Ins.Type (Song)	O	O	X	X	X	X	X	-	O	Effect	X	X	X	X	-	-	
Ins.Type (Mic)		O	X	X	X	X	X	-	O	Mic.Setting	X	X	X	O	Mic	Mic Setting	
Effect Parameter (Reverb/Chorus/DSP1-4)	O		X	X	O	X	X	-	O	Effect	X	X	X	X	-	-	
Effect Parameter (Reverb/Chorus/DSP1-3)		O	X	X	O	X	X	-	O	Effect	X	X	X	X	-	-	
Effect Parameter (DSP4)		O	X	X	O	X	X	-	O	Mic.Setting	X	X	X	X	-	Mic Setting	
<b>Main &gt; Channel &gt; Channel OnOffPopup</b>																	
ChannelOnOff (Song)	O	O	X	X	X	X	X	-	X	-	X	X	X	O	Song	-	
ChannelOnOff (Style)	O	O	X	X	X	X	X	-	X	-	O	X	X	O	Style	-	



Parameter	PSR-S710	PSR-S910	System				Voice Set	Voice Set Group	Song		Style		Registration		Param Lock Group	Note	
			Setup	MIDI Setup	User Effect	Music Finder			Song	Song Setup Group	Style Data	OTS	Multi Pad	Regist			Freeze Group
<b>MIDI</b>																	
<b>MIDI Template</b>																	
Template No.	0	0	0	X	X	X	X	-	X	-	X	X	X	X	-	-	
Preset Template Name	0	0	X	0	X	X	X	-	X	-	X	X	X	X	-	-	
<b>Menu &gt; Function &gt; MIDI</b>																	
<b>System</b>																	
Local Control	0	0	X	0	X	X	X	-	X	-	X	X	X	X	-	-	
Clock	0	0	X	0	X	X	X	-	X	-	X	X	X	X	-	-	
Transmit Clock	0	0	X	0	X	X	X	-	X	-	X	X	X	X	-	-	
Receive Transpose	0	0	X	0	X	X	X	-	X	-	X	X	X	X	-	-	
Receive Start/Stop	0	0	X	0	X	X	X	-	X	-	X	X	X	X	-	-	
SysEx Transmit	0	0	X	0	X	X	X	-	X	-	X	X	X	X	-	-	
SysEx Receive	0	0	X	0	X	X	X	-	X	-	X	X	X	X	-	-	
Chord SysEx Transmit	0	0	X	0	X	X	X	-	X	-	X	X	X	X	-	-	
Chord SysEx Receive	0	0	X	0	X	X	X	-	X	-	X	X	X	X	-	-	
<b>Transmit</b>																	
Part Select	0	0	X	0	X	X	X	-	X	-	X	X	X	X	-	-	
Ch (for each part)	0	0	X	0	X	X	X	-	X	-	X	X	X	X	-	-	
Filter (for each part)	0	0	X	0	X	X	X	-	X	-	X	X	X	X	-	-	
<b>Receive</b>																	
CH Select	0	0	X	0	X	X	X	-	X	-	X	X	X	X	-	-	
Part Select	0	0	X	0	X	X	X	-	X	-	X	X	X	X	-	-	
Filter (for each channel)	0	0	X	0	X	X	X	-	X	-	X	X	X	X	-	-	
<b>Bass (On Bass Note)</b>																	
Bass (On Bass Note)	0	0	X	0	X	X	X	-	X	-	X	X	X	X	-	-	
<b>Chord Detect</b>																	
Chord Detect	0	0	X	0	X	X	X	-	X	-	X	X	X	X	-	-	
<b>Menu &gt; Function &gt; Master Tune/Scale Tune</b>																	
<b>Master Tune</b>																	
MasterTune	0	0	0	X	X	X	X	-	X	-	X	X	X	X	-	-	
<b>Scale Tune</b>																	
Scale	0	0	X	X	X	X	X	-	X	-	X	X	X	0	Scale	-	
Tune	0	0	X	X	X	X	X	-	X	-	X	X	X	0	Scale	-	
BaseNote	0	0	X	X	X	X	X	-	X	-	X	X	X	0	Scale	-	
Part Select (Right1/Right2, Left, Style, Multi Pad)	0	0	X	X	X	X	X	-	X	-	X	X	X	0	Scale	-	
<b>Menu &gt; Function &gt; Controller</b>																	
<b>Foot Pedal</b>																	
PedalFunction	0	0	X	X	X	X	X	X	X	X	X	X	0	Pedal	-	-	
PedalSettings	0	0	X	X	X	X	X	X	X	X	X	X	0	Pedal	-	-	
PedalPolarity	0	0	0	X	X	X	X	-	X	-	X	X	X	X	-	-	
<b>Keyboard/Panel</b>																	
Initial Touch	0	0	0	X	X	X	X	-	X	-	X	X	X	X	-	-	
Initial TouchOffLevel	0	0	X	X	X	X	X	-	X	-	X	X	X	0	Voice	-	
Initial Touch Part OnOff	0	0	X	X	X	X	X	-	X	-	X	X	X	0	Voice	-	
ModulationWheelPartOnOff	0	0	X	X	X	X	X	-	X	-	X	X	X	0	Voice	-	
TransposeAssign	0	0	0	X	X	X	X	-	X	-	X	X	X	X	-	-	
<b>Menu &gt; Function &gt; Regist.Sequence/Freeze/VoiceSet</b>																	
<b>Regist Sequence</b>																	
RegistSequenceData	0	0	X	X	X	X	X	-	X	-	X	X	X	0	-	-	Memorized as a single Registration Bank file.
RegistSequenceEnable	0	0	0	X	X	X	X	-	X	-	X	X	X	X	-	-	
Regist (+) Pedal	0	0	0	X	X	X	X	-	X	-	X	X	X	X	-	-	
Regist (-) Pedal	0	0	0	X	X	X	X	-	X	-	X	X	X	X	-	-	
SequenceEnd	0	0	X	X	X	X	X	-	X	-	X	X	X	0	-	-	Memorized as a single Registration Bank file.
<b>Freeze Group</b>																	
FreezeGroupSetting	0	0	0	X	X	X	X	-	X	-	X	X	X	X	-	-	
<b>VoiceSet</b>																	
VoiceSet Group Right1 OnOff	0	0	0	X	X	X	X	-	X	-	X	X	X	X	-	-	
VoiceSet Group Right2 OnOff	0	0	0	X	X	X	X	-	X	-	X	X	X	X	-	-	
VoiceSet Group Left OnOff	0	0	0	X	X	X	X	-	X	-	X	X	X	X	-	-	
<b>Menu &gt; Function &gt; Harmony/Echo</b>																	
Type	0	0	X	X	X	X	0	Harmony	0	Keyboard Voice	X	0	X	0	Harmony	-	
Volume	0	0	X	X	X	X	0	Harmony	0	Keyboard Voice	X	0	X	0	Harmony	-	
Speed	0	0	X	X	X	X	0	Harmony	0	Keyboard Voice	X	0	X	0	Harmony	-	
Assign	0	0	X	X	X	X	0	Harmony	0	Keyboard Voice	X	0	X	0	Harmony	-	
ChordNoteOnly	0	0	X	X	X	X	0	Harmony	0	Keyboard Voice	X	0	X	0	Harmony	-	
TouchLimit	0	0	X	X	X	X	0	Harmony	0	Keyboard Voice	X	0	X	0	Harmony	-	
<b>Menu &gt; Function &gt; Utility</b>																	
<b>Configuration1</b>																	
FadeInTime	0	0	0	X	X	X	X	-	X	-	X	X	X	X	-	-	
FadeOutTime	0	0	0	X	X	X	X	-	X	-	X	X	X	X	-	-	
FadeOutHoldTime	0	0	0	X	X	X	X	-	X	-	X	X	X	X	-	-	
MetronomeVolume	0	0	0	X	X	X	X	-	X	-	X	X	X	X	-	-	
MetronomeSound	0	0	0	X	X	X	X	-	X	-	X	X	X	X	-	-	
TimeSignature	0	0	X	X	X	X	X	-	0	-	0	X	X	X	-	-	
ParameterLock	0	0	0	X	X	X	X	-	X	-	X	X	X	X	-	-	

Parameter	PSR-S710		System				Voice Set	Voice Set Group	Song		Style		Registration		Param Lock Group	Note	
	PSR-S910	Setup	MIDI Setup	User Effect	Music Finder	Song			Song Setup Group	Style Data	OTS	Multi Pad	Regist	Freeze Group			
<b>Configuration1</b>																	
TapCountPercussion	O	O	X	X	X	X	X	-	O	Keyboard Voice	X	O	X	O	Style	-	
TapCountVelocity	O	O	X	X	X	X	X	-	O	Keyboard Voice	X	O	X	O	Style	-	
<b>Configuration2</b>																	
DisplayVoiceNumber	O	O	O	X	X	X	X	-	X	-	X	X	X	X	-	-	
VoiceCategory Button Options	O	O	O	X	X	X	X	-	X	-	X	X	X	X	-	-	
Display Style Tempo	O	O	O	X	X	X	X	-	X	-	X	X	X	X	-	-	
Popup Display Time	O	O	O	X	X	X	X	-	X	-	X	X	X	X	-	-	
<b>ScreenOut</b>																	
Monitor Type		O	O	X	X	X	X	-	X	-	X	X	X	X	-	-	Cannot be reset with Factory Reset.
ScreenContent		O	O	X	X	X	X	-	X	-	X	X	X	X	-	-	Cannot be reset with Factory Reset.
<b>Media</b>																	
SongAutoOpen	O	O	O	X	X	X	X	-	X	-	X	X	X	X	-	-	
Format	O	O															
Property	O	O															
<b>Owner</b>																	
Language	O	O	O	X	X	X	X	-	X	-	X	X	X	X	-	-	Cannot be reset with Factory Reset.
OwnerName	O	O	O	X	X	X	X	-	X	-	X	X	X	X	-	-	Cannot be reset with Factory Reset.
MainPicture		O	O	X	X	X	X	-	X	-	X	X	X	X	-	-	Cannot be reset with Factory Reset.
<b>SystemReset</b>																	
FactoryResetSetting	O		X	X	X	X	X	-	X	-	X	X	X	X	-	-	Language and Owner Name Data are not reset.
FactoryResetSetting		O	X	X	X	X	X	-	X	-	X	X	X	X	-	-	Language, Owner Name, Main Picture BackGround, Lyrics Picture BackGround and Video Out related parameters are not reset.
<b>Registration</b>																	
FreezeOnOff (Panel SW)	O	O	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
RegistMemory Contents	O	O	O	X	X	X	X	-	X	-	X	X	X	X	-	-	
RegistNumber	O	O	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
RegistContentsName	O	O	X	X	X	X	X	-	X	-	X	X	X	O	-	-	
<b>OTS</b>																	
OTSTNumber	O	O	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
<b>Master Volume Fade In/Out</b>																	
Fade in/out	O	O	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
<b>Metronome</b>																	
StartStop	O	O	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
<b>Transpose</b>																	
Transpose	O	O	X	X	X	X	X	-	X	-	X	X	X	O	Transpose	-	
<b>Upper Octave</b>																	
UpperOctave	O	O	X	X	X	X	X	-	X	-	X	X	X	O	Voice	-	
<b>Direct Access</b>																	
Direct Access	O	O	X	X	X	X	X	-	X	-	X	X	X	X	-	-	
<b>USB Audio</b>																	
Audio Volume	O	O	O	X	X	X	X	-	X	-	X	X	X	O	AUDIO	-	
Audio Player Repeat Mode	O	O	O	X	X	X	X	-	X	-	X	X	X	X	-	-	

# MIDI Data Format / MIDI-Datenformat / Format des données MIDI / Formato de datos MIDI

Many MIDI messages listed in the MIDI Data Format are expressed in decimal numbers, binary numbers and hexadecimal numbers. Hexadecimal numbers may include the letter "H" as a suffix. Also, "n" can freely be defined as any whole number. To enter data/values, refer to the table below.

Decimal	Hexadecimal	Binary
0	00	0000 0000
1	01	0000 0001
2	02	0000 0010
3	03	0000 0011
4	04	0000 0100
5	05	0000 0101
6	06	0000 0110
7	07	0000 0111
8	08	0000 1000
9	09	0000 1001
10	0A	0000 1010
11	0B	0000 1011
12	0C	0000 1100
13	0D	0000 1101
14	0E	0000 1110
15	0F	0000 1111
16	10	0001 0000
17	11	0001 0001
18	12	0001 0010
19	13	0001 0011
20	14	0001 0100
21	15	0001 0101
22	16	0001 0110
23	17	0001 0111
24	18	0001 1000
25	19	0001 1001
26	1A	0001 1010
27	1B	0001 1011
28	1C	0001 1100
29	1D	0001 1101
30	1E	0001 1110
31	1F	0001 1111

Decimal	Hexadecimal	Binary
32	20	0010 0000
33	21	0010 0001
34	22	0010 0010
35	23	0010 0011
36	24	0010 0100
37	25	0010 0101
38	26	0010 0110
39	27	0010 0111
40	28	0010 1000
41	29	0010 1001
42	2A	0010 1010
43	2B	0010 1011
44	2C	0010 1100
45	2D	0010 1101
46	2E	0010 1110
47	2F	0010 1111
48	30	0011 0000
49	31	0011 0001
50	32	0011 0010
51	33	0011 0011
52	34	0011 0100
53	35	0011 0101
54	36	0011 0110
55	37	0011 0111
56	38	0011 1000
57	39	0011 1001
58	3A	0011 1010
59	3B	0011 1011
60	3C	0011 1100
61	3D	0011 1101
62	3E	0011 1110
63	3F	0011 1111

Decimal	Hexadecimal	Binary
64	40	0100 0000
65	41	0100 0001
66	42	0100 0010
67	43	0100 0011
68	44	0100 0100
69	45	0100 0101
70	46	0100 0110
71	47	0100 0111
72	48	0100 1000
73	49	0100 1001
74	4A	0100 1010
75	4B	0100 1011
76	4C	0100 1100
77	4D	0100 1101
78	4E	0100 1110
79	4F	0100 1111
80	50	0101 0000
81	51	0101 0001
82	52	0101 0010
83	53	0101 0011
84	54	0101 0100
85	55	0101 0101
86	56	0101 0110
87	57	0101 0111
88	58	0101 1000
89	59	0101 1001
90	5A	0101 1010
91	5B	0101 1011
92	5C	0101 1100
93	5D	0101 1101
94	5E	0101 1110
95	5F	0101 1111

Decimal	Hexadecimal	Binary
96	60	0110 0000
97	61	0110 0001
98	62	0110 0010
99	63	0110 0011
100	64	0110 0100
101	65	0110 0101
102	66	0110 0110
103	67	0110 0111
104	68	0110 1000
105	69	0110 1001
106	6A	0110 1010
107	6B	0110 1011
108	6C	0110 1100
109	6D	0110 1101
110	6E	0110 1110
111	6F	0110 1111
112	70	0111 0000
113	71	0111 0001
114	72	0111 0010
115	73	0111 0011
116	74	0111 0100
117	75	0111 0101
118	76	0111 0110
119	77	0111 0111
120	78	0111 1000
121	79	0111 1001
122	7A	0111 1010
123	7B	0111 1011
124	7C	0111 1100
125	7D	0111 1101
126	7E	0111 1110
127	7F	0111 1111

- Except the table above, for example 144-159 (decimal)/9nH/1001 0000-1001 1111 (binary) denotes the Note On Message for each channel (1-16). 176-191/BnH/1011 0000-1011 1111 denotes the Control Change Message for each channel (1-16). 192-207/CnH/ 1100 0000-1100 1111 denotes the Program Change Message for each channel (1-16). 240/F0H/1111 0000 denotes the start of a System Exclusive Message. 247/F7H/1111 0111 denotes the end of a System Exclusive Message.
- aaH (hexadecimal)/0aaaaaaa (binary) denotes the data address. The address contains High, Mid, and Low.
- bbH/0bbbbbbb denotes the byte count.
- ccH/0ccccccc denotes the check sum.
- ddH/0ddddddd denotes the data/value.

MIDI CHANNEL MESSAGE (1)

MIDI Events	[MIDI]																			[Song Creator]		
	Status byte	1st Data byte		2nd Data byte		Voice		MIDI Reception					MIDI Transmission					PLAY		REC		
	Status	Data (HEX)	Parameter	Data (HEX)	Parameter	Regular/Drum/Organ Voice	Mic/Vocal Harmony	Song	Right1/Right2/Left	Keyboard	Style	Extra	Right1/Right2/Left	M.Pad	Style	Song	Upper Lower	PLAY	REW	From panel (Right1/Right2/Left)		
Key Off [GM1] [GM2]	8nH (n: Channel Number)	kk	Key no. (0-127)	vv	Velocity (0-127)	0	0 (Harmony Channel/Melody Channel)	0	0	0	0	0	X	X	0	0	X	0	X	X		
Key On [GM1] [GM2]	9nH (n: Channel Number)	kk	Key no. (0-127)	vv	Key On: vv=1-127 Key Off: vv=0	0	0 (Harmony Channel/Melody Channel)	0	0	0	0	●	0	0	0	0	●	0	X	0		
Control Change	BnH	0 (00H)	Bank Select MSB [GM2]	0 (00H) 8 (08H) 8 (08H) 64 (40H) 120 (78H) 121 (79H) 126 (7EH) 127 (7FH)	Normal Mega Voice SA Voice SFX Voice GM2 Rhythm GM2 Normal SFX Kit Drum Kit	0	X	0	0	0 (Right1)	0	0	●	0	●	●	X	0	0	0		
		1 (01H)	Modulation [GM1] [GM2]	0-127 (00H...7FH)	Data	0	X	0	0	0 (All Keyboard parts)	0	0	●	0	0	0	0	●	0	0	0	
		5 (05H)	Portamento Time [GM2]	0-127 (00H...7FH)	Data	0 (Except Organ Flutes)	X	0	0	0 (All Keyboard parts)	X	0	●	0	X	0	0	X	0	0	0	0
		6 (06H)	Data Entry MSB [GM2]	0-127 (00H...7FH)	Data	0	0 (Harmony Channel/Melody Channel)	0	0	0 (All Keyboard parts)	0	0	●	0	0	0	0	X	0	X	0	0
		7 (07H)	Main Volume [GM1] [GM2]	0-127 (00H...7FH)	Data	0	0 (A/D Part Receive Channel)	0	0	0 (All Keyboard parts)	0	0	●	0	●	●	X	0	0	0	0	0
		10 (0AH)	Panpot [GM1] [GM2]	0-127 (00H...7FH)	L64...C...R63	0	0 (A/D Part Receive Channel)	0	0	0 (All Keyboard parts)	0	0	●	0	●	●	X	0	0	0	0	0
		11 (0BH)	Expression [GM1] [GM2]	0-127 (00H...7FH)	Data	0	X	0	0	0 (All Keyboard parts)	0	0	●	●	●	●	●	0	0	0	0	0
		32 (20H)	Bank Select LSB [GM2]	0-127 (00H...7FH)	Data	0	X	0	0	0 (Right1)	0	0	●	0	●	●	X	0	0	0	0	0
		38 (26H)	Data Entry LSB [GM2]	0-127 (00H...7FH)	Data	0	X	0	0	0 (All Keyboard parts)	X	0	●	0	X	0	X	0	X	0	X	0
		64 (40H)	Sustain (Damper) [GM1] [GM2]	0-127 (00H...7FH)	Data	0	0 (Harmony Channel/Melody Channel)	0	0	0 (All Keyboard parts)	X	0	●	0	X	0	●	0	0	0	0	0
		65 (41H)	Portamento [GM2]	0-127 (00H...7FH)	0...63, 64...127 (OFF, ON)	0 (Except Organ Flutes)	X	0	0	0 (All Keyboard parts)	X	0	●	0	X	0	●	0	0	0	0	0
		66 (42H)	Sostenuto [GM2]	0-127 (00H...7FH)	0...63, 64...127 (OFF, ON)	0	X	0	0	0 (All Keyboard parts)	X	0	●	0	X	0	●	0	0	0	0	0
		67 (43H)	Soft Pedal [GM2]	0-127 (00H...7FH)	0...63, 64...127 (OFF, ON)	0	X	0	0	0 (All Keyboard parts)	X	0	●	0	X	0	●	0	0	0	0	0
		71 (47H)	Harmonic Content [GM2]	0-127 (00H...7FH)	-64...0...+63	0	X	0	0	0 (All Keyboard parts)	0	0	●	0	●	●	X	0	0	0	0	0
		72 (48H)	Release Time [GM2]	0-127 (00H...7FH)	-64...0...+63	0	X	0	0	0 (All Keyboard parts)	0	0	●	0	0	0	0	X	0	0	0	0
		73 (49H)	Attack Time [GM2]	0-127 (00H...7FH)	-64...0...+63	0	X	0	0	0 (All Keyboard parts)	0	0	●	0	0	0	0	X	0	0	0	0
		74 (4AH)	Brightness [GM2]	0-127 (00H...7FH)	-64...0...+63	0	X	0	0	0 (All Keyboard parts)	0	0	●	0	●	●	X	0	0	0	0	0
		75 (4BH)	Decay Time [GM2]	0-127 (00H...7FH)	-64...0...+63	0	X	0	0	0 (All Keyboard parts)	0	0	X	X	X	0	X	0	0	0	X	0
		76 (4CH)	Vibrato Rate [GM2]	0-127 (00H...7FH)	-64...0...+63	0	X	0	0	0 (All Keyboard parts)	0	0	X	X	X	0	X	0	0	0	X	0
		77 (4DH)	Vibrato Depth [GM2]	0-127 (00H...7FH)	-64...0...+63	0	X	0	0	0 (All Keyboard parts)	0	0	X	X	X	0	X	0	0	0	X	0
		78 (4EH)	Vibrato Delay [GM2]	c (00H...7FH)	-64...0...+63	0	X	0	0	0 (All Keyboard parts)	0	0	X	X	X	0	X	0	0	0	0	X
		80 (50H)	General Purpose Controller (Articulation 1)	0-127 (00H...7FH)	0: OFF 127: ON	0 (SA Voice only)	X	0	X	X	X	X	●	X	X	0	X	0	X	0	0	0
		84 (54H)	Portamento Control	0-127 (00H...7FH)	Key no. (0-127)	0	X	0	0	X	0	0	0	0	0	●	0	X	0	X	0	0
		91 (5BH)	Effect1 Depth (Reverb Send Level) [GM2]	0-127 (00H...7FH)	Data	0	0 (A/D Part Receive Channel)	0	0	0 (All Keyboard parts)	0	0	●	●	●	●	X	0	0	0	0	0
		93 (5DH)	Effect3 Depth (Chorus Send Level) [GM2]	0-127 (00H...7FH)	Data	0	0 (A/D Part Receive Channel)	0	0	0 (All Keyboard parts)	0	0	●	●	●	●	X	0	0	0	0	0
		94 (5EH)	Effect4 Depth (Variation Send Level)	0-127 (00H...7FH)	Data	0	X	0	0	0 (All Keyboard parts)	0	0	0	0	●	●	X	0	0	0	0	X

●: Transmitted via panel operations and keyboard/controller performances.

MIDI Data Format / MIDI-Datenformat / Format des données MIDI / Formato de datos MIDI

MIDI Events	Status byte	[MIDI]																			[Song Creator]	
		1st Data byte		2nd Data byte		Voice		MIDI Reception					MIDI Transmission					PLAY		REC		
	Status	Data (HEX)	Parameter	Data (HEX)	Parameter	Regular/Drum/Organ Voice	Mic/Vocal Harmony	Song	Right1/Right2/Left	Keyboard	Style	Extra	Right1/Right2/Left	M.Pad	Style	Song	Upper Lower	PLAY	REW	From panel (Right1/Right2/Left)		
		96 (60H)	RPN Increment	-	-	The data byte is ignored.	O	O (Harmony Channel/Melody Channel)	O	O	X	O	O	X	O	X	O	X	O	X	X	
		97 (61H)	RPN Decrement	-	-	The data byte is ignored.	O	O (Harmony Channel/Melody Channel)	O	O	X	O	O	X	O	X	O	X	O	X	X	
		98 (62H)	NRPN LSB	0-127 (00H...7FH)	Data		O	O (Harmony Channel/Melody Channel)	O	O	X	O	O	●	O	O	O	X	O	O	O	
		99 (63H)	NRPN MSB	0-127 (00H...7FH)	Data		O	O (Harmony Channel/Melody Channel)	O	O	X	O	O	●	O	O	O	X	O	O	O	
		100 (64H)	RPN LSB [GM2]	0-127 (00H...7FH)	Data		O	O (Harmony Channel/Melody Channel)	O	O	O (All Keyboard parts)	O	O	●	O	O	O	X	O	O	O	
		101 (65H)	RPN MSB [GM2]	0-127 (00H...7FH)	Data		O	O (Harmony Channel/Melody Channel)	O	O	O (All Keyboard parts)	O	O	●	O	O	O	X	O	O	O	
Mode Message	BnH (n: Channel Number)	120 (78H)	All Sound Off [GM2]	0	(00H)	Data	O	X	O	O	O (All Keyboard parts)	O	O	X	O	X	O	X	O	X		
		121 (79H)	Reset All Controllers [GM1] [GM2]	0	(00H)	Data	O	X	O	X	X	X	X	X	O	X	O	X	O	X		
		122 (7AH)	Local Control	0 127 (00H) (7FH)	OFF ON	-	-			O				X	X	X	X	X	X	X		
		123 (7BH)	All Note Off [GM1] [GM2]	0	(00H)	Data	O	O (Harmony Channel/Melody Channel)	O	O	O (All Keyboard parts)	O	O	X	O	X	O	X	O	X		
		124 (7CH)	Omni Off [GM2]	0	(00H)	Data	O	X	O (*1)	X	X	X	X	X	O	X	O	X	O	X		
		125 (7DH)	Omni On [GM2]	0	(00H)	Data	O	X	O (*2)	X	X	X	X	X	O	X	O	X	O	X		
		126 (7EH)	Mono [GM2]	0-16 (00H...10H)	Data		O	X	O	X	X	X	X	X	O	X	O	X	O	X		
		127 (7FH)	Poly [GM2]	0	(00H)	Data	O	X	O	X	X	X	X	X	O	X	O	X	O	X		
Program Change [GM1] [GM2]	CnH (n: Channel Number)	pp (00H...7FH)	Voice Number (0-127)	-	-	O	X	O	O	O (Right1)	O	O	●	O	●	●	X	O	O			
Channel After Touch [GM1] [GM2]	DnH (n: Channel Number)	vv (00H...7FH)	Data	-	-	O	X	O	O	O (All Keyboard parts)	X	O	X	O	X	O	X	O	X			
Polyphonic After Touch	AnH (n: Channel Number)	kk (00H...7FH)	Key no. (0-127)	vv (00H...7FH)	Data	O	X	O	X	X	X	X	X	X	X	O	X	O	X			
Pitch Bend Change [GM1] [GM2]	EnH (n: Channel Number)	cc (00H...7FH)	LSB	dd (00H...7FH)	MSB	O	O (Harmony Channel/Melody Channel)	O	O	O (All Keyboard parts)	O	O	●	O	O	O	●	O	O			
Realtime Message	F8H MIDI Clock	-	-	-	-	-	-			O (Received when the Clock is set to MIDI, USB1, or USB2.)			O (Transmitted when the Clock is set to Internal and the Transmit Clock is set to on.)					-	-			
	FAH Start	-	-	-	-	-	-			O (Received when the Clock is set to MIDI, USB1, or USB2.)			O (Transmitted when the Transmit Clock is set to on.)					-	-			
	FBH Continue	-	-	-	-	-	-			X			X					-	-			
	FCH Stop	-	-	-	-	-	-			O (Received when the Clock is set to MIDI, USB1, or USB2.)			O (Transmitted when the Transmit Clock is set to on.)					-	-			
	FEH Active Sense [GM2]	-	-	-	-	-	-	-			O			O					-	-		
	FFH System Reset	-	-	-	-	-	-	-			X			X					-	-		

● Transmitted via panel operations and keyboard/controller performances.

About Mic/Vocal Harmony column:

(HarmonyChannel/Melody Channel): The relevant parameters are received by the song part designated by the Effect's Harmony Channel Parameter or Melody Channel Parameter.

(A/D Part Receive Channel): The relevant parameters are received by the song part designated by the XG's AD Part Receive Ch.

\*1: Same operation as when receiving All Note Off.

\*2: Same operation as when receiving All Note Off. OMNI ON is not enabled.

Mic./Vocal Harmony

PSR-S710	X
PSR-S910	O

SA (Super Articulation)

PSR-S710	X
PSR-S910	O

[GM1] ... GM Required Parameter  
[GM2] ... GM Level 2 Required Parameter

## MIDI CHANNEL MESSAGE (2)

NRPN

[MIDI]

[Song Creator]

NRPN		Data Entry		Parameter	Data Range	Voice		MIDI Reception					MIDI Transmission					PLAY		REC
MSB	LSB	MSB	LSB			Regular/ Drum/ Organ Voice	Mic/Vocal Harmony	Song	Right1/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	M.Pad	Style	Song	Upper Lower	PLAY	REW	From panel (Right1/ Right2/ Left)
01H	08H	mmH	--	Vibrato Rate	mm: 00H-40H-7FH (-64...0...+63)	O	O (Harmony Channel/ Melody Channel)	O	O	X	O	O	●	O	O	O	X	O	O	O
01H	09H	mmH	--	Vibrato Depth	mm: 00H-40H-7FH (-64...0...+63)	O	O (Harmony Channel/ Melody Channel)	O	O	X	O	O	●	O	O	O	X	O	O	O
01H	0AH	mmH	--	Vibrato Delay	mm: 00H-40H-7FH (-64...0...+63)	O	O (Harmony Channel/ Melody Channel)	O	O	X	O	O	●	O	O	O	X	O	O	O
01H	20H	mmH	--	Low Pass Filter Cutoff Frequency	mm: 00H-40H-7FH (-64...0...+63)	O	X	O	X	X	O	X	X	O	X	O	X	O	O	X
01H	21H	mmH	--	Low Pass Filter Resonance	mm: 00H-40H-7FH (-64...0...+63)	O	X	O	X	X	O	X	X	O	X	O	X	O	O	X
01H	30H	mmH	--	EQ Bass Gain	mm: 00H-40H-7FH (-64...0...+63)	O	X	O	X	X	O	X	X	X	O	X	O	O	X	
01H	31H	mmH	--	EQ Treble Gain	mm: 00H-40H-7FH (-64...0...+63)	O	X	O	X	X	O	X	X	X	O	X	O	O	X	
01H	34H	mmH	--	EQ Bass Frequency	mm: 04H-28H (32..2.0k[Hz])	O	X	O	X	X	X	X	X	X	O	X	O	O	X	
01H	35H	mmH	--	EQ Treble Frequency	mm: 1CH-3AH (500...16.0k[Hz])	O	X	O	X	X	X	X	X	X	O	X	O	O	X	
01H	63H	mmH	--	EG Attack Time	mm: 00H-40H-7FH (-64...0...+63)	O	X	O	X	X	O	X	O	X	O	X	O	O	X	
01H	64H	mmH	--	EG Decay Time	mm: 00H-40H-7FH (-64...0...+63)	O	X	O	O	X	O	O	●	O	O	O	X	O	O	O
01H	66H	mmH	--	EG Release	mm: 00H-40H-7FH (-64...0...+63)	O	X	O	X	X	O	X	O	X	O	X	O	O	X	
14H	rrH	mmH	--	Drum Low Pass Filter Cutoff Frequency	rr: drum instrument note number mm: 00H-40H-7FH (-64...0...+63)	O (Drum only)	X	O	X	X	X	X	X	X	O	O	X	O	X	X
15H	rrH	mmH	--	Drum Low Pass Filter Resonance	rr: drum instrument note number mm: 00H-40H-7FH (-64...0...+63)	O (Drum only)	X	O	X	X	X	X	X	X	O	O	X	O	X	X
16H	rrH	mmH	--	Drum EG Attack Rate	rr: drum instrument note number mm: 00H-40H-7FH (-64...0...+63)	O (Drum only)	X	O	X	X	X	X	X	X	O	O	X	O	X	X
17H	rrH	mmH	--	Drum EG Decay Rate	rr: drum instrument note number mm: 00H-40H-7FH (-64...0...+63)	O (Drum only)	X	O	X	X	X	X	X	X	O	O	X	O	X	X
18H	rrH	mmH	--	Drum Pitch Coarse	rr: drum instrument note number mm: 00H-40H-7FH (-64...0...+63)	O (Drum only)	X	O	X	X	X	X	X	X	O	O	X	O	X	X
19H	rrH	mmH	--	Drum Pitch Fine	rr: drum instrument note number mm: 00H-40H-7FH (-64...0...+63)	O (Drum only)	X	O	X	X	X	X	X	X	O	O	X	O	X	X
1AH	rrH	mmH	--	Drum Level	rr: drum instrument note number mm: 00H-7FH (0...127)	O (Drum only)	X	O	X	X	X	X	X	X	O	O	X	O	X	X
1CH	rrH	mmH	--	Drum Pan	rr: drum instrument note number mm: 00H, 01H-40H-7FH (RND, L63...C...R63)	O (Drum only)	X	O	X	X	X	X	X	X	O	O	X	O	X	X
1DH	rrH	mmH	--	Drum Reverb Send Level	rr: drum instrument note number mm: 00H-7FH (0...127)	O (Drum only)	X	O	X	X	X	X	X	X	O	O	X	O	X	X
1EH	rrH	mmH	--	Drum Chorus Send Level	rr: drum instrument note number mm: 00H-7FH (0...127)	O (Drum only)	X	O	X	X	X	X	X	X	O	O	X	O	X	X
1FH	rrH	mmH	--	Drum Variation Send Level	rr: drum instrument note number mm: 00H-7FH (0...127) (Variation Connection = SYSTEM) mm: 00H, 01H-7FH (OFF, ON) (Variation Connection = INSERTION)	O (Drum only)	X	O	X	X	X	X	X	X	O	O	X	O	X	X
30H	rrH	mmH	--	Drum EQ Bass Gain	rr: drum instrument note number mm: 00H-7FH (0...127)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
31H	rrH	mmH	--	Drum EQ Treble Gain	rr: drum instrument note number mm: 00H-7FH (0...127)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
34H	rrH	mmH	--	Drum EQ Bass Frequency	rr: drum instrument note number mm: 04H-28H (32..2.0k[Hz])	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
35H	rrH	mmH	--	Drum EQ Treble Frequency	rr: drum instrument note number mm: 1CH-3AH (500...16.0k[Hz])	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

● Transmitted via panel operations and keyboard/controller performances.

NRPN MSB: 14H-1FH (for drums) message is accepted as long as the channel is set with a drum voice.  
Data Entry LSB: Ignored.

NRPN (Vocal Harmony)

[MIDI]

[Song Creator]

NRPN		Data Entry		Parameter	Data Range	Voice		MIDI Reception					MIDI Transmission					PLAY		REC
MSB	LSB	MSB	LSB			Regular/ Drum/ Organ Voice	Mic/Vocal Harmony	Song	Right1/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	M.Pad	Style	Song	Upper Lower	PLAY	REW	From panel (Right1/ Right2/ Left)
00H	00H	mmH	--	Harmony Mute	mm: 00H-3FH, 40H-7FH (Off, On)	X	O (Harmony Channel)	X	X	X	X	X	X	X	O	X	O	X	X	
01H	1AH	mmH	--	Detune Modulation	mm: 00H-7FH (0...127)	X	O (Harmony Channel)	X	X	X	X	X	X	X	O	X	O	X	X	
02H	10H	mmH	--	Harmony1 Volume	mm: 00H-7FH (0...127)	X	O (Harmony Channel)	X	X	X	X	X	●	X	O	X	O	X	X	
02H	11H	mmH	--	Harmony2 Volume	mm: 00H-7FH (0...127)	X	O (Harmony Channel)	X	X	X	X	X	●	X	O	X	O	X	X	
02H	12H	mmH	--	Harmony3 Volume	mm: 00H-7FH (0...127)	X	O (Harmony Channel)	X	X	X	X	X	●	X	O	X	O	X	X	
02H	20H	mmH	--	Harmony1 Pan	mm: 00H, 01H-40H-7FH (RND, L63...C...R63)	X	O (Harmony Channel)	X	X	X	X	X	●	X	O	X	O	X	X	
02H	21H	mmH	--	Harmony2 Pan	mm: 00H, 01H-40H-7FH (RND, L63...C...R63)	X	O (Harmony Channel)	X	X	X	X	X	●	X	O	X	O	X	X	
02H	22H	mmH	--	Harmony3 Pan	mm: 00H, 01H-40H-7FH (RND, L63...C...R63)	X	O (Harmony Channel)	X	X	X	X	X	●	X	O	X	O	X	X	
02H	30H	mmH	--	Harmony1 Detune	mm: 00H-40H-7FH (-64...0...+63)	X	O (Harmony Channel)	X	X	X	X	X	●	X	O	X	O	X	X	
02H	31H	mmH	--	Harmony2 Detune	mm: 00H-40H-7FH (-64...0...+63)	X	O (Harmony Channel)	X	X	X	X	X	●	X	O	X	O	X	X	
02H	32H	mmH	--	Harmony3 Detune	mm: 00H-40H-7FH (-64...0...+63)	X	O (Harmony Channel)	X	X	X	X	X	●	X	O	X	O	X	X	

● Transmitted via panel operations and keyboard/controller performances.

Message is sent to the Song Channel part set in MicSetting → Vocoder Control → Song Channel.

Data Entry LSB: Ignored.

MIDI Data Format / MIDI-Datenformat / Format des données MIDI / Formato de datos MIDI

RPN				[MIDI]										[Song Creator]					
RPN		Data Entry		Parameter	Data Range	Voice		MIDI Reception				MIDI Transmission				PLAY		REC	
MSB	LSB	MSB	LSB			Regular/Drum/ Organ Voice	Mic/Vocal Harmony	Song	Right1/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	M.Pad	Style	Song	Upper Lower	PLAY	REW
00H	00H	mmH	--	Pitch Bend Sensitivity [GM1] [GM2]	mm: 00H-18H (0...+24[semitones])	O	O (Harmony Channel/ Melody Channel)	O	O	O	O	O	O	O	O	X	O	O	O
00H	01H	mmH	llH	Fine Tune [GM1] [GM2]	mm ll: 00H 00H -100[cent] mm ll: 40H 00H 0[cent] ... mm ll: 7FH 7FH 100[cent]	O	X	O	O	O	O	O	O	O	O	X	O	O	O
00H	02H	mmH	--	Coarse Tune [GM1] [GM2]	mm: 28H-40H-58H (-24...0...+24[semitones])	O	X	O	O	O	O	X	O	O	O	X	O	O	X
00H	05H	mmH	llH	Modulation Sensitivity [GM2]	mm: Specified in semitone steps ll: Specified in 100/128 cent steps	O	X	O	X	X	X	X	X	X	O	X	O	X	X
7FH	7FH	--	--	Null [GM2]	-	O	O	O	O	O	O	X	O	O	O	X	O	X	X

● Transmitted via panel operations and keyboard/controller performances.

About Mic/Vocal Harmony column:

The relevant parameters are received by the song part designated by the Effect's Harmony Channel Parameter or Melody Channel Parameter.

Mic/Vocal Harmony

PSR-S710	X
PSR-S910	O

[GM1] ... GM Required Parameter

[GM2] ... GM Level 2 Required Parameter

### XG PARAMETER CHANGE TABLE

\* Not received when Receive System Exclusive Message Parameters is set to off.

\* Not transmitted when Transmit System Exclusive Message Parameters is set to off.

### MIDI Parameter Change table (XG SYSTEM)

Address (H)				Size (H)	Data (H)	Parameter	Description	XG Default (H)	Voice		MIDI Reception				MIDI Transmission				PLAY		REC
MSB	LSB	MSB	LSB	Regular/ Drum/ Organ Voice	Mic/ Vocal Harmony				Song	Right1/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	M.Pad	Style	Song	Upper Lower	PLAY	REW	From panel (Right1/ Right2/ Left)
00	00	00 01 02 03	4	00-0F 00-0F 00-0F 00-0F	MASTER TUNE	-102.4...0...+102.3[cent] 1st bit3-0 -> bit15-12 2nd bit3-0 -> bit11-8 3rd bit3-0 -> bit7-4 4th bit3-0 -> bit3-0	*Panel setting value	O	O	O	O	O	O	O	O	O	O	O	O	X	X
		04	1	00-7F	MASTER VOLUME	0...127	7F	O	X	O	O	O	O	O	O	O	O	O	O	O	X
		05	1	00-7F	MASTER ATTENUATOR	0...127	00	X	X	O	O	O	O	O	O	O	O	O	O	X	X
		06	1	28-58	TRANSPOSE	-24...0...+24[semitones]	40	O	O	O	O	O	O	O	O	O	O	O	O	O	X
		7D	1	N	DRUM SETUP RESET	N: Drum setup number	-	O	X	O	O	O	O	O	O	O	O	O	O	X	X
		7E	1	00	XG SYSTEM ON	00=XG system ON	-	O	X	O	O	O	O	O	O	O	O	O	O	X	O
		7F	1	00	ALL PARAMETER RESET	00=ON	-	O	X	O	O	O	O	O	O	O	O	O	O	X	X

TOTAL SIZE 07

● Transmitted via panel operations

### MIDI Parameter Change table (SYSTEM INFORMATION)

Address (H)				Size (H)	Data (H)	Parameter	Description	XG Default (H)	Voice		MIDI Reception				MIDI Transmission				PLAY		REC
MSB	LSB	MSB	LSB	Regular/ Drum/ Organ Voice	Mic/ Vocal Harmony				Song	Right1/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	M.Pad	Style	Song	Upper Lower	PLAY	REW	From panel (Right1/ Right2/ Left)
01	00	00 ... 0D 0E 0F	E	20-7F ... 20-7F	Model Name 1 ... Model Name 14 NOT USED NOT USED	32...127 (ASCII CHARACTER) ... 32...127 (ASCII CHARACTER)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TOTAL SIZE 10

Transmitted in response to Dump Request. Not received.

### MIDI Parameter Change table (EFFECT1)

Address (H)				Size (H)	Data (H)	Parameter	Description	XG Default (H)	Voice		MIDI Reception				MIDI Transmission				PLAY		REC
MSB	LSB	MSB	LSB	Regular/ Drum/ Organ Voice	Mic/ Vocal Harmony				Song	Right1/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	M.Pad	Style	Song	Upper Lower	PLAY	REW	PFrom panel (Right1/ Right2/ Left)
02	01	00	2	00-7F 00-7F	REVERB TYPE MSB REVERB TYPE LSB	Refer to Effect Parameter List	01 (=HALL1) 00	O	O	O	O	O	O	O	O	O	O	O	O		
		02	1	00-7F	REVERB PARAMETER 1		Depends on Reverb Type	O	O	O	O	O	O	O	O	O	O	O	O		
		03	1	00-7F	REVERB PARAMETER 2		Depends on Reverb Type	O	O	O	O	O	O	O	O	O	O	O	O		
		04	1	00-7F	REVERB PARAMETER 3		Depends on Reverb Type	O	O	O	O	O	O	O	O	O	O	O	O		
		05	1	00-7F	REVERB PARAMETER 4		Depends on Reverb Type	O	O	O	O	O	O	O	O	O	O	O	O		
		06	1	00-7F	REVERB PARAMETER 5		Depends on Reverb Type	O	O	O	O	O	O	O	O	O	O	O	O		

MIDI Data Format / MIDI-Datenformat / Format des données MIDI / Formato de datos MIDI

							[MIDI]										[Song Creator]					
Address (H)	Size (H)	Data (H)	Parameter	Description	XG Default (H)	Voice		MIDI Reception					MIDI Transmission					PLAY		REC		
						Regular/Drum/Organ Voice	Mic/Vocal Harmony	Song	Right1/Right2/Left	Keyboard	Style	Extra	Right1/Right2/Left	M.Pad	Style	Song	Upper Lower	PLAY	REW	From panel (Right1/Right2/Left)		
		07	1	00-7F	REVERB PARAMETER 6	Refer to Effect Parameter List	Depends on Reverb Type	0	0		0							●		0	0	0
		08	1	00-7F	REVERB PARAMETER 7		Depends on Reverb Type	0	0		0							●		0	0	0
		09	1	00-7F	REVERB PARAMETER 8		Depends on Reverb Type	0	0		0							●		0	0	0
		0A	1	00-7F	REVERB PARAMETER 9		Depends on Reverb Type	0	0		0							●		0	0	0
		0B	1	00-7F	REVERB PARAMETER 10		Depends on Reverb Type	0	0		0							●		0	0	0
		0C	1	00-7F	REVERB RETURN	→dB...0dB...+6dB (0..64...127)	40	0	0		0							●		0	0	0
		0D	1	01-7F	REVERB PAN	L63...C...R63	40	0	0		0							●		0	0	X
TOTAL SIZE		0E																				

02	01	10	1	00-7F	REVERB PARAMETER 11	Refer to Effect Parameter List	Depends on Reverb Type	0	0		0							●		0	0	0
		11	1	00-7F	REVERB PARAMETER 12		Depends on Reverb Type	0	0		0							●		0	0	0
		12	1	00-7F	REVERB PARAMETER 13		Depends on Reverb Type	0	0		0							●		0	0	0
		13	1	00-7F	REVERB PARAMETER 14		Depends on Reverb Type	0	0		0							●		0	0	0
		14	1	00-7F	REVERB PARAMETER 15		Depends on Reverb Type	0	0		0							●		0	0	0
		15	1	00-7F	REVERB PARAMETER 16		Depends on Reverb Type	0	0		0							●		0	0	0

TOTAL SIZE 06

● Transmitted via panel operations

							[MIDI]										[Song Creator]					
Address (H)	Size (H)	Data (H)	Parameter	Description	XG Default (H)	Voice		MIDI Reception					MIDI Transmission					PLAY		REC		
						Regular/Drum/Organ Voice	Mic/Vocal Harmony	Song	Right1/Right2/Left	Keyboard	Style	Extra	Right1/Right2/Left	M.Pad	Style	Song	Upper Lower	PLAY	REW	From panel (Right1/Right2/Left)		
02	01	20	2	00-7F	CHORUS TYPE MSB	Refer to Effect Parameter List	41 (=CHORUS1)	0	0		0							●		0	0	0
				00-7F	CHORUS TYPE LSB		00											●		0	0	0
		22	1	00-7F	CHORUS PARAMETER 1		Depends on Chorus Type	0	0		0							●		0	0	0
		23	1	00-7F	CHORUS PARAMETER 2		Depends on Chorus Type	0	0		0							●		0	0	0
		24	1	00-7F	CHORUS PARAMETER 3		Depends on Chorus Type	0	0		0							●		0	0	0
		25	1	00-7F	CHORUS PARAMETER 4		Depends on Chorus Type	0	0		0							●		0	0	0
		26	1	00-7F	CHORUS PARAMETER 5		Depends on Chorus Type	0	0		0							●		0	0	0
		27	1	00-7F	CHORUS PARAMETER 6		Depends on Chorus Type	0	0		0							●		0	0	0
		28	1	00-7F	CHORUS PARAMETER 7		Depends on Chorus Type	0	0		0							●		0	0	0
		29	1	00-7F	CHORUS PARAMETER 8		Depends on Chorus Type	0	0		0							●		0	0	0
		2A	1	00-7F	CHORUS PARAMETER 9		Depends on Chorus Type	0	0		0							●		0	0	0
		2B	1	00-7F	CHORUS PARAMETER 10		Depends on Chorus Type	0	0		0							●		0	0	0
		2C	1	00-7F	CHORUS RETURN	→dB...0dB...+6dB (0..64...127)	40	0	0		0							●		0	0	0
		2D	1	01-7F	CHORUS PAN	L63...C...R63	40	0	0		0							●		0	0	X
		2E	1	00-7F	SEND CHORUS TO REVERB	→dB...0dB...+6dB (0..64...127)	00	0	0		0							●		0	0	X
TOTAL SIZE		0F																				

02	01	30	1	00-7F	CHORUS PARAMETER 11	Refer to Effect Parameter List	Depends on Chorus Type	0	0		0							●		0	0	0
		31	1	00-7F	CHORUS PARAMETER 12		Depends on Chorus Type	0	0		0							●		0	0	0
		32	1	00-7F	CHORUS PARAMETER 13		Depends on Chorus Type	0	0		0							●		0	0	0
		33	1	00-7F	CHORUS PARAMETER 14		Depends on Chorus Type	0	0		0							●		0	0	0
		34	1	00-7F	CHORUS PARAMETER 15		Depends on Chorus Type	0	0		0							●		0	0	0
		35	1	00-7F	CHORUS PARAMETER 16		Depends on Chorus Type	0	0		0							●		0	0	0

TOTAL SIZE 06

							[MIDI]										[Song Creator]					
Address (H)	Size (H)	Data (H)	Parameter	Description	XG Default (H)	Voice		MIDI Reception					MIDI Transmission					PLAY		REC		
						Regular/Drum/Organ Voice	Mic/Vocal Harmony	Song	Right1/Right2/Left	Keyboard	Style	Extra	Right1/Right2/Left	M.Pad	Style	Song	Upper Lower	PLAY	REW	From panel (Right1/Right2/Left)		
02	01	40	2	00-7F	VARIATION TYPE MSB	Refer to Effect Parameter List	05 (=DELAY L, C, R)	0	0		0							●		0	0	0
				00-7F	VARIATION TYPE LSB		00											●		0	0	0
		42	2	00-7F	VARIATION PARAMETER 1 MSB		Depends on Variation Type	0	0		0							●		0	0	0
				00-7F	VARIATION PARAMETER 1 LSB		Depends on Variation Type	0	0		0							●		0	0	0
		44	2	00-7F	VARIATION PARAMETER 2 MSB		Depends on Variation Type	0	0		0							●		0	0	0
				00-7F	VARIATION PARAMETER 2 LSB		Depends on Variation Type	0	0		0							●		0	0	0
		46	2	00-7F	VARIATION PARAMETER 3 MSB		Depends on Variation Type	0	0		0							●		0	0	0
				00-7F	VARIATION PARAMETER 3 LSB		Depends on Variation Type	0	0		0							●		0	0	0
		48	2	00-7F	VARIATION PARAMETER 4 MSB		Depends on Variation Type	0	0		0							●		0	0	0
				00-7F	VARIATION PARAMETER 4 LSB		Depends on Variation Type	0	0		0							●		0	0	0
		4A	2	00-7F	VARIATION PARAMETER 5 MSB		Depends on Variation Type	0	0		0							●		0	0	0
				00-7F	VARIATION PARAMETER 5 LSB		Depends on Variation Type	0	0		0							●		0	0	0
		4C	2	00-7F	VARIATION PARAMETER 6 MSB		Depends on Variation Type	0	0		0							●		0	0	0
				00-7F	VARIATION PARAMETER 6 LSB		Depends on Variation Type	0	0		0							●		0	0	0
		4E	2	00-7F	VARIATION PARAMETER 7 MSB		Depends on Variation Type	0	0		0							●		0	0	0
				00-7F	VARIATION PARAMETER 7 LSB		Depends on Variation Type	0	0		0							●		0	0	0
		50	2	00-7F	VARIATION PARAMETER 8 MSB		Depends on Variation Type	0	0		0							●		0	0	0
				00-7F	VARIATION PARAMETER 8 LSB		Depends on Variation Type	0	0		0							●		0	0	0
		52	2	00-7F	VARIATION PARAMETER 9 MSB		Depends on Variation Type	0	0		0							●		0	0	0
				00-7F	VARIATION PARAMETER 9 LSB		Depends on Variation Type	0	0		0							●		0	0	0



MIDI Data Format / MIDI-Datenformat / Format des données MIDI / Formato de datos MIDI

										[MIDI]						[Song Creator]						
Address (H)	Size (H)	Data (H)	Parameter	Description	XG Default (H)	Voice		MIDI Reception					MIDI Transmission					PLAY		REC		
						Regular/Drum/Organ Voice	Mic/Vocal Harmony	Song	Right1/Right2/Left	Keyboard	Style	Extra	Right1/Right2/Left	M.Pad	Style	Song	Upper Lower	PLAY	REW	From panel (Right1/Right2/Left)		
		54	2	00-7F 00-7F	VARIATION PARAMETER 10 MSB VARIATION PARAMETER 10 LSB	Refer to Effect Parameter List	Depends on Variation Type	○	○									●		○	○	○
		56	1	00-7F	VARIATION RETURN	→dB...0dB...+6dB (0...64...127)	40	○	○									●		○	○	○
		57	1	01-7F	VARIATION PAN	L63...C...F63	40	○	○									○		○	○	X
		58	1	00-7F	SEND VARIATION TO REVERB	→dB...0dB...+6dB (0...64...127)	00	○	○									○		○	○	X
		59	1	00-7F	SEND VARIATION TO CHORUS	→dB...0dB...+6dB (0...64...127)	00	○	○									○		○	○	X
		5A	1	00-01	VARIATION CONNECTION	INSERTION, SYSTEM	00	○	○									●		○	○	○
		5B	1	00-7F	VARIATION PART NUMBER	Reception: Part1...16 (0...15) Transmission: Part1...16 (0...15) AD (64) OFF (127)	7F	○	○									●		○	○	○
		5C	1	00-7F	MW VARIATION CONTROL DEPTH	-64...0...+63	40	○	○									○		○	○	X
		5D	1	00-7F	BEND VARIATION CONTROL DEPTH	-64...0...+63	40	○	○									○		○	○	X
		5E	1	00-7F	CAT VARIATION CONTROL DEPTH	-64...0...+63	40	○	○									○		○	○	X
		5F	1	00-7F	AC1 VARIATION CONTROL DEPTH	-64...0...+63	40	○	○									○		○	○	X
		60	1	00-7F	AC2 VARIATION CONTROL DEPTH	-64...0...+63	40	○	○									○		○	○	X

TOTAL SIZE 21

02	01	70	1	00-7F	VARIATION PARAMETER 11	Refer to Effect Parameter List	Depends on Variation Type	○	○									●		○	○	○	
		71	1	00-7F	VARIATION PARAMETER 12		Depends on Variation Type	○	○										●		○	○	○
		72	1	00-7F	VARIATION PARAMETER 13		Depends on Variation Type	○	○										●		○	○	○
		73	1	00-7F	VARIATION PARAMETER 14		Depends on Variation Type	○	○										●		○	○	○
		74	1	00-7F	VARIATION PARAMETER 15		Depends on Variation Type	○	○										●		○	○	○
		75	1	00-7F	VARIATION PARAMETER 16		Depends on Variation Type	○	○										●		○	○	○

TOTAL SIZE 06

● Transmitted via panel operations.

MIDI Parameter Change table (MULTI EQ)

										[MIDI]						[Song Creator]								
Address (H)	Size (H)	Data (H)	Parameter	Description		Voice		MIDI Reception					MIDI Transmission					PLAY		REC				
						Regular/Drum/Organ Voice	Mic/Vocal Harmony	Song	Right1/Right2/Left	Keyboard	Style	Extra	Right1/Right2/Left	M.Pad	Style	Song	Upper Lower	PLAY	REW	From panel (Right1/Right2/Left)				
02	40	00	1	00-04	EQ TYPE	flat, jazz, pops, rock, classic	*The MULTI EQ Parameter cannot be reset to its factory setting with XG SYSTEM ON.	○	○												○	X	X	
		01	1	34-4C	EQ GAIN1	-12...0...+12[dB]		○	○													○	X	X
		02	1	04-28	EQ FREQUENCY1	32...2.0k[Hz]		○	○													○	X	X
		03	1	01-78	EQ Q1	0.1...12.0		○	○													○	X	X
		04	1	00-01	EQ SHAPE1	shelving, peaking		○	○													○	X	X
		05	1	34-4C	EQ GAIN2	-12...0...+12[dB]		○	○													○	X	X
		06	1	0E-36	EQ FREQUENCY2	100...10.0k[Hz]		○	○													○	X	X
		07	1	01-78	EQ Q2	0.1...12.0		○	○													○	X	X
		08	1		NOT USED			-	-													-	-	-
		09	1	34-4C	EQ GAIN3	-12...0...+12[dB]		○	○													○	X	X
		0A	1	0E-36	EQ FREQUENCY3	100...10.0k[Hz]		○	○													○	X	X
		0B	1	01-78	EQ Q3	0.1...12.0		○	○													○	X	X
		0C	1		NOT USED			-	-													-	-	-
		0D	1	34-4C	EQ GAIN4	-12...0...+12[dB]		○	○													○	X	X
		0E	1	0E-36	EQ FREQUENCY4	100...10.0k[Hz]	○	○													○	X	X	
		0F	1	01-78	EQ Q4	0.1...12.0	○	○													○	X	X	
		10	1		NOT USED		-	-													-	-	-	
		11	1	34-4C	EQ GAIN5	-12...0...+12[dB]	○	○													○	X	X	
		12	1	1C-3A	EQ FREQUENCY5	0.5k...16.0k[Hz]	○	○													○	X	X	
		13	1	01-78	EQ Q5	0.1...12.0	○	○													○	X	X	
		14	1	00-01	EQ SHAPE5	shelving, peaking	○	○													○	X	X	

TOTAL SIZE 15

● Transmitted via panel operations.

About PLAY column:

Not available when Function → Utility → Parameter Lock is checked.

MIDI Parameter Change table (EFFECT2)

										[MIDI]						[Song Creator]								
Address (H)	Size (H)	Data (H)	Parameter	Description		Voice		MIDI Reception					MIDI Transmission					PLAY		REC				
						Regular/Drum/Organ Voice	Mic/Vocal Harmony	Song	Right1/Right2/Left	Keyboard	Style	Extra	Right1/Right2/Left	M.Pad	Style	Song	Upper Lower	PLAY	REW	From panel (Right1/Right2/Left)				
03	n	00	2	00-7F 00-7F	INSERTION EFFECT TYPE MSB INSERTION EFFECT TYPE LSB	Refer to Effect Parameter List	*The EFFECT 2 Parameter cannot be reset to its factory setting with XG SYSTEM ON.	○	○													○	○	○
		02	1	00-7F	INSERTION EFFECT PARAMETER 1			○	○													○	○	○
		03	1	00-7F	INSERTION EFFECT PARAMETER 2			○	○													○	○	○
		04	1	00-7F	INSERTION EFFECT PARAMETER 3			○	○													○	○	○
		05	1	00-7F	INSERTION EFFECT PARAMETER 4			○	○													○	○	○
		06	1	00-7F	INSERTION EFFECT PARAMETER 5			○	○													○	○	○
		07	1	00-7F	INSERTION EFFECT PARAMETER 6			○	○													○	○	○
		08	1	00-7F	INSERTION EFFECT PARAMETER 7			○	○													○	○	○
		09	1	00-7F	INSERTION EFFECT PARAMETER 8			○	○													○	○	○
		0A	1	00-7F	INSERTION EFFECT PARAMETER 9			○	○													○	○	○
		0B	1	00-7F	INSERTION EFFECT PARAMETER 10			○	○													○	○	○

MIDI Data Format / MIDI-Datenformat / Format des données MIDI / Formato de datos MIDI

[MIDI]													[Song Creator]						
Address (H)	Size (H)	Data (H)	Parameter	Description		Voice		MIDI Reception				MIDI Transmission				PLAY		REC	
						Regular/ Drum/ Organ Voice	Mic/ Vocal Harmony	Song	Right1/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	M. Pad	Style	Song	Upper Lower	PLAY	REW
	0C	1	00-7F	INSERTION EFFECT PART NUMBER	Reception: Part1...16 (0...15) Transmission: Part1...16 (0...15) AD (64) OFF (127)		0	0									0	0	0
	0D	1	00-7F	MW INSERTION CONTROL DEPTH	-64...0...+63		0	0									0	0	X
	0E	1	00-7F	BEND INSERTION CONTROL DEPTH	-64...0...+63		0	0									0	0	X
	0F	1	00-7F	CAT INSERTION CONTROL DEPTH	-64...0...+63		0	0									0	0	X
	10	1	00-7F	AC1 INSERTION CONTROL DEPTH	-64...0...+63		0	0									0	0	X
	11	1	00-7F	AC2 INSERTION CONTROL DEPTH	-64...0...+63		0	0									0	0	X
TOTAL SIZE		12																	

	20	1	00-7F	INSERTION EFFECT PARAMETER 11	Refer to Effect Parameter List		0	0										0	0	0	
	21	1	00-7F	INSERTION EFFECT PARAMETER 12			0	0											0	0	0
	22	1	00-7F	INSERTION EFFECT PARAMETER 13			0	0											0	0	0
	23	1	00-7F	INSERTION EFFECT PARAMETER 14			0	0											0	0	0
	24	1	00-7F	INSERTION EFFECT PARAMETER 15			0	0											0	0	0
	25	1	00-7F	INSERTION EFFECT PARAMETER 16			0	0											0	0	0
TOTAL SIZE		6																			

[MIDI]													[Song Creator]								
Address (H)	Size (H)	Data (H)	Parameter	Description		Voice		MIDI Reception				MIDI Transmission				PLAY		REC			
						Regular/ Drum/ Organ Voice	Mic/ Vocal Harmony	Song	Right1/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	M. Pad	Style	Song	Upper Lower	PLAY	REW	From panel (Right1/ Right2/ Left)	
	30	2	00-7F 00-7F	INSERTION EFFECT PARAMETER 1 MSB INSERTION EFFECT PARAMETER 1 LSB	Refer to Effect Parameter List		0	0										0	0	0	
	32	2	00-7F 00-7F	INSERTION EFFECT PARAMETER 2 MSB INSERTION EFFECT PARAMETER 2 LSB			0	0											0	0	0
	34	2	00-7F 00-7F	INSERTION EFFECT PARAMETER 3 MSB INSERTION EFFECT PARAMETER 3 LSB			0	0											0	0	0
	36	2	00-7F 00-7F	INSERTION EFFECT PARAMETER 4 MSB INSERTION EFFECT PARAMETER 4 LSB			0	0											0	0	0
	38	2	00-7F 00-7F	INSERTION EFFECT PARAMETER 5 MSB INSERTION EFFECT PARAMETER 5 LSB			0	0											0	0	0
	3A	2	00-7F 00-7F	INSERTION EFFECT PARAMETER 6 MSB INSERTION EFFECT PARAMETER 6 LSB			0	0											0	0	0
	3C	2	00-7F 00-7F	INSERTION EFFECT PARAMETER 7 MSB INSERTION EFFECT PARAMETER 7 LSB			0	0											0	0	0
	3E	2	00-7F 00-7F	INSERTION EFFECT PARAMETER 8 MSB INSERTION EFFECT PARAMETER 8 LSB			0	0											0	0	0
	40	2	00-7F 00-7F	INSERTION EFFECT PARAMETER 9 MSB INSERTION EFFECT PARAMETER 9 LSB			0	0											0	0	0
	42	2	00-7F 00-7F	INSERTION EFFECT PARAMETER 10 MSB INSERTION EFFECT PARAMETER 10 LSB			0	0											0	0	0
TOTAL SIZE		14																			

●: Transmitted via panel operations

The second byte of the address is considered as an Insertion effect number n: insertion effect number

PSR-S710	n = 0-2
PSR-S910	n = 0-2

For effect types that do not require MSB, the Parameters for Address 02-0B will be received and the Parameters for Address 30-42 will not be received.  
For effect types that require MSB, the Parameters for Address 30-42 will be received and the Parameters for Address 02-0B will not be received.  
When bulk dumps that include Effect Type data are transmitted, the parameters for addresses 02-0B will always be transmitted.  
For effects that require MSB however, when a bulk dump is received, the parameters for addresses 02-0B will not be received.

MIDI Parameter Change table (SPECIAL EFFECT)

PSR-S710	X
PSR-S910	O

[MIDI]													[Sound Creator]							
Address (H)	Size (H)	Data (H)	Parameter	Description		Voice		MIDI Reception				MIDI Transmission				PLAY		REC		
						Regular/ Drum/ Organ Voice	Mic/ Vocal Harmony	Song	Right1/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	M. Pad	Style	Song	Upper Lower	PLAY	REW	From panel (Right1/ Right2/ Left)
04	00	00	2	00-7F	INSERTION EFFECT TYPE MSB	Vocoder (89), Chordal (90), Detune (91), Chromatic (92), Thru (0...88, 93...127)	*The SPECIAL EFFECT Parameter cannot be reset to its factory setting with XG SYSTEM ON	X	0									0	0	X
		00-7F		INSERTION EFFECT TYPE LSB																
	02	1	00-7F	INSERTION EFFECT PARAMETER 1	Harmony Mode		X	0										0	0	X
	03	1	00-7F	INSERTION EFFECT PARAMETER 2	Harmony Gender Type	Off (0), Auto (1)	X	0										0	0	X
	04	1	00-7F	INSERTION EFFECT PARAMETER 3	Lead Gender Type	Off (0), Unison (1), Male (2), Female (3)	X	0										0	0	X
	05	1	00-7F	INSERTION EFFECT PARAMETER 4	Lead Gender Depth	-64...0...+63 (0...127)	X	0										0	0	X
	06	1	00-7F	INSERTION EFFECT PARAMETER 5	Lead Pitch Correction	Free (0), Correct (1)	X	0										0	0	X
	07	1	00-7F	INSERTION EFFECT PARAMETER 6	Auto Upper Gender Threshold	0...12 (0...12)	X	0										0	0	X
	08	1	00-7F	INSERTION EFFECT PARAMETER 7	Auto Lower Gender Threshold	0...12 (0...12)	X	0										0	0	X
	09	1	00-7F	INSERTION EFFECT PARAMETER 8	Upper Gender Depth	-64...0...+63 (0...127)	X	0										0	0	X
	0A	1	00-7F	INSERTION EFFECT PARAMETER 9	Lower Gender Depth	-64...0...+63 (0...127)	X	0										0	0	X
	0B	1	00-7F	INSERTION EFFECT PARAMETER 10	L63>H...L<H...L<H63 (1...64...127)		X	0										0	0	X
	0C	1	00-7F	INSERTION EFFECT PART NUMBER	AD(64), OFF (0...63, 65...127)		X	0										0	0	0
	0D	1	00-7F	MW INSERTION CONTROL DEPTH	-64...0...+63		X	X		X				X				X	X	X
	0E	1	00-7F	BEND INSERTION CONTROL DEPTH	-64...0...+63		X	X		X				X				X	X	X
	0F	1	00-7F	CAT INSERTION CONTROL DEPTH	-64...0...+63		X	X		X				X				X	X	X

MIDI Data Format / MIDI-Datenformat / Format des données MIDI / Formato de datos MIDI

										[MIDI]						[Sound Creator]				
Address (H)	Size (H)	Data (H)	Parameter	Description	XG Default (H)	Voice		MIDI Reception					MIDI Transmission					PLAY		REC
						Regular/Drum/Organ Voice	Mic/Vocal Harmony	Song	Right1/Right2/Left	Keyboard	Style	Extra	Right1/Right2/Left	M.Pad	Style	Song	Upper Lower	PLAY	REW	From panel (Right1/Right2/Left)
	10	1	00-7F	AC1 INSERTION CONTROL DEPTH	-64...0...+63		X	X		X					X			X	X	X
	11	1	00-7F	AC2 INSERTION CONTROL DEPTH	-64...0...+63		X	X		X					X			X	X	X

TOTAL SIZE 12

	14	1	00-7F	UNIQUE INSERTION EFFECT EXTERNAL CONTROL CH1 (HARMONY CHANNEL)	1...16 (0...15), OFF (127)		X	O		O					●			O	O	X
	15	1	00-7F	UNIQUE INSERTION EFFECT EXTERNAL CONTROL CH1 (MELODY CHANNEL)	1...16 (0...15), OFF (127)		X	O		O					O			O	O	X

TOTAL SIZE 2

	20	1	00-7F	INSERTION EFFECT PARAMETER 11 Vibrato Depth	0...100cent (0...127)		X	O		O					●			O	O	X
	21	1	00-7F	INSERTION EFFECT PARAMETER 12 Vibrato Rate	0Hz (0), 0.1...12.7Hz (1...127)		X	O		O					●			O	O	X
	22	1	00-7F	INSERTION EFFECT PARAMETER 13 Vibrato Delay	0...2.54sec (0...127)		X	O		O					●			O	O	X
	23	1	00-7F	INSERTION EFFECT PARAMETER 14			X	X		X					X			X	X	X
	24	1	00-7F	INSERTION EFFECT PARAMETER 15			X	X		X					X			X	X	X
	25	1	00-7F	INSERTION EFFECT PARAMETER 16			X	X		X					X			X	X	X

TOTAL SIZE 6

● Transmitted via panel operations

MIDI Parameter Change table (MULTI PART)

										[MIDI]						[Sound Creator]						
Address (H)	Size (H)	Data (H)	Parameter	Description	XG Default (H)	Voice		MIDI Reception					MIDI Transmission					PLAY		REC		
						Regular/Drum/Organ Voice	Mic/Vocal Harmony	Song	Right1/Right2/Left	Keyboard	Style	Extra	Right1/Right2/Left	M.Pad	Style	Song	Upper Lower	PLAY	REW	From panel (Right1/Right2/Left)		
08	nn	00	1	00-20	ELEMENT RESERVE	0...32	part10, 26=0, other parts=2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		01	1	00-7F	BANK SELECT MSB	0...127	part10=7F, other parts=00	O	X	O	O	X	O	O	X	X	X	O	X	O	O	X
		02	1	00-7F	BANK SELECT LSB	0...127	00	O	X	O	O	X	O	O	X	X	X	O	X	O	O	X
		03	1	00-7F	PROGRAM NUMBER	1...128	00	O	X	O	O	X	O	O	X	X	X	O	X	O	O	X
		04	1	00-0F, 7F	Rcv CHANNEL	1...16, OFF	Part No.	O	X	O	X	X	X	X	X	X	X	O	X	O	X	X
		05	1	00-01	MONO/POLY MODE	MONO, POLY	01	O	X	O	X	X	X	X	X	X	X	O	X	O	X	X
		06	1	00-02	SAME NOTE NUMBER KEY ON ASSIGN	SINGLE, MULTI, INST (for Drum)	01	O	X	O	X	X	O	X	X	X	X	O	X	O	X	X
		07	1	00-03	PART MODE	NORMAL, DRUM, DRUMS1...2	part10=02, other parts=00	O	X	O	X	X	X	X	●	X	●	●	X	O	X	O
		08	1	28-58	NOTE SHIFT	-24...0...+24[semitones]	40	O	X	O	O	X	O	O	X	X	X	O	X	O	O	X
		09	2	00-0F	DETUNE	-12.8...0...+12.7[Hz]	08 00	O	X	O	O	X	O	O	X	X	X	O	X	O	O	X
		0A	2	00-0F	DETUNE	-12.8...0...+12.7[Hz]	08 00	O	X	O	O	X	O	O	X	X	X	O	X	O	O	X
		0B	1	00-7F	VOLUME	0...127	64	O	X	O	O	X	O	O	X	X	X	O	X	O	O	X
		0C	1	00-7F	VELOCITY SENSE DEPTH	0...127	40	O	X	O	O	X	X	O	●	O	X	O	X	O	O	O
		0D	1	00-7F	VELOCITY SENSE OFFSET	0...127	40	O	X	O	O	X	X	O	●	O	X	O	X	O	O	O
		0E	1	00-7F	PAN	RND, L63...C...R63	40	O	X	O	O	X	O	O	X	X	X	O	X	O	O	X
		0F	1	00-7F	NOTE LIMIT LOW	C-2...G8	00	O	X	O	X	X	X	X	X	X	X	O	X	O	O	X
		10	1	00-7F	NOTE LIMIT HIGH	C-2...G8	7F	O	X	O	X	X	X	X	X	X	X	O	X	O	O	X
		11	1	00-7F	DRY LEVEL	0...127	7F	O	X	O	O	X	O	O	X	O	●	●	X	O	O	O
		12	1	00-7F	CHORUS SEND	0...127	00	O	X	O	O	X	O	O	X	X	X	O	X	O	O	X
		13	1	00-7F	REVERB SEND	0...127	28	O	X	O	O	X	O	O	X	X	X	O	X	O	O	X
		14	1	00-7F	VARIATION SEND	0...127	00	O	X	O	O	X	O	O	X	X	X	O	X	O	O	O
		15	1	00-7F	VIBRATO RATE	-64...0...+63	40	O	X	O	O	X	O	O	X	X	X	O	X	O	O	X
		16	1	00-7F	VIBRATO DEPTH	-64...0...+63	40	O	X	O	O	X	O	O	X	X	X	O	X	O	O	X
		17	1	00-7F	VIBRATO DELAY	-64...0...+63	40	O	X	O	O	X	O	O	X	X	X	O	X	O	O	X
		18	1	00-7F	FILTER CUTOFF FREQUENCY	-64...0...+63	40	O	X	O	O	X	O	O	X	X	X	O	X	O	O	X
		19	1	00-7F	FILTER RESONANCE	-64...0...+63	40	O	X	O	O	X	O	O	X	X	X	O	X	O	O	X
		1A	1	00-7F	EG ATTACK TIME	-64...0...+63	40	O	X	O	O	X	O	O	X	X	X	O	X	O	O	X
		1B	1	00-7F	EG DECAY TIME	-64...0...+63	40	O	X	O	O	X	O	O	X	X	X	O	X	O	O	X
		1C	1	00-7F	EG RELEASE TIME	-64...0...+63	40	O	X	O	O	X	O	O	X	X	X	O	X	O	O	X
		1D	1	28-58	MW PITCH CONTROL	-24...0...+24[semitones]	40	O	X	O	O	X	X	O	X	X	X	O	X	O	X	X
		1E	1	00-7F	MW LOW PASS FILTER CONTROL	-9600...0...+9450[cent]	40	O	X	O	O	X	X	O	●	O	X	O	X	O	O	O
		1F	1	00-7F	MW AMPLITUDE CONTROL	-100...0...+100[%]	40	O	X	O	O	X	X	O	X	X	X	O	X	O	X	X
		20	1	00-7F	MW LFO PMOD DEPTH	0...127	0A	O	X	O	O	X	X	O	●	O	X	O	X	O	O	O
		21	1	00-7F	MW LFO FMOD DEPTH	0...127	00	O	X	O	O	X	X	O	●	O	X	O	X	O	O	O
		22	1	00-7F	MW LFO AMOD DEPTH	0...127	00	O	X	O	O	X	X	O	●	O	X	O	X	O	O	O
		23	1	28-58	BEND PITCH CONTROL	-24...0...+24[semitones]	42	O	X	O	O	X	O	O	X	X	X	O	X	O	X	X
		24	1	00-7F	BEND LOW PASS FILTER CONTROL	-9600...0...+9450[cent]	40	O	X	O	O	X	O	O	X	X	X	O	X	O	X	X
		25	1	00-7F	BEND AMPLITUDE CONTROL	-100...0...+100[%]	40	O	X	O	O	X	O	O	X	X	X	O	X	O	X	X
		26	1	00-7F	BEND LFO PMOD DEPTH	0...127	00	O	X	O	O	X	O	O	X	X	X	O	X	O	O	X
		27	1	00-7F	BEND LFO FMOD DEPTH	0...127	00	O	X	O	O	X	O	O	X	X	X	O	X	O	O	X
		28	1	00-7F	BEND LFO AMOD DEPTH	0...127	00	O	X	O	O	X	O	O	X	X	X	O	X	O	O	X

TOTAL SIZE 29

										[MIDI]						[Sound Creator]						
Address (H)	Size (H)	Data (H)	Parameter	Description	XG Default (H)	Voice		MIDI Reception					MIDI Transmission					PLAY		REC		
						Regular/Drum/Organ Voice	Mic/Vocal Harmony	Song	Right1/Right2/Left	Keyboard	Style	Extra	Right1/Right2/Left	M.Pad	Style	Song	Upper Lower	PLAY	REW	Panel (Right1/Right2/Left)		
		30	1	00-01	Rcv PITCH BEND	OFF, ON	01	O	X	O	X	X	X	X	X	X	X	O	X	O	X	X
		31	1	00-01	Rcv CH AFTER TOUCH (CAT)	OFF, ON	01	O	X	O	X	X	X	X	X	X	X	O	X	O	X	X
		32	1	00-01	Rcv PROGRAM CHANGE	OFF, ON	01	O	X	O	X	X	X	X	X	X	X	O	X	O	X	X
		33	1	00-01	Rcv CONTROL CHANGE	OFF, ON	01	O	X	O	X	X	X	X	X	X	X	O	X	O	X	X
		34	1	00-01	Rcv POLY AFTER TOUCH (PAT)	OFF, ON	01	O	X	O	X	X	X	X	X	X	X	O	X	O	X	X
		35	1	00-01	Rcv NOTE MESSAGE	OFF, ON	01	O	X	O	X	X	X	X	X	X	X	O	X	O	X	X
		36	1	00-01	Rcv RPN	OFF, ON	01	O	X	O	X	X	X	X	X	X	X	O	X	O	X	X
		37	1	00-01	Rcv NRPN	OFF, ON	XGmode=01, GMmode=00	O	X	O	X	X	X	X	X	X	X	O	X	O	X	X

MIDI Data Format / MIDI-Datenformat / Format des données MIDI / Formato de datos MIDI

Address (H)	Size (H)	Data (H)	Parameter	Description	XG Default (H)	[MIDI]											[Song Creator]				
						Voice		MIDI Reception					MIDI Transmission				PLAY		REC		
						Regular/Drum/Organ Voice	Mic/Vocal Harmony	Song	Right1/Right2/Left	Keyboard	Style	Extra	Right1/Right2/Left	M.Pad	Style	Song	Upper Lower	PLAY	REW	Panel (Right1/Right2/Left)	
38	1	00-01	Rcv MODULATION	OFF, ON	01	0	X	0	X	X	X	X	X	X	X	X	0	X	0	X	X
39	1	00-01	Rcv VOLUME	OFF, ON	01	0	X	0	X	X	X	X	X	X	X	X	0	X	0	X	X
3A	1	00-01	Rcv PAN	OFF, ON	01	0	X	0	X	X	X	X	X	X	X	0	X	0	X	X	
3B	1	00-01	Rcv EXPRESSION	OFF, ON	01	0	X	0	X	X	X	X	X	X	X	0	X	0	X	X	
3C	1	00-01	Rcv HOLD1	OFF, ON	01	0	X	0	X	X	X	X	X	X	X	0	X	0	X	X	
3D	1	00-01	Rcv PORTAMENTO	OFF, ON	01	0	X	0	X	X	X	X	X	X	X	0	X	0	X	X	
3E	1	00-01	Rcv SOSTENUTO	OFF, ON	01	0	X	0	X	X	X	X	X	X	X	0	X	0	X	X	
3F	1	00-01	Rcv SOFT PEDAL	OFF, ON	01	0	X	0	X	X	X	X	X	X	X	0	X	0	X	X	
40	1	00-01	Rcv BANK SELECT	OFF, ON	01	0	X	0	X	X	X	X	X	X	X	0	X	0	X	X	
41	1	00-7F	SCALE TUNING C	-64...0...+63[cent]	40	0	X	0	0	X	0	0	●	X	●	0	X	0	0	0	
42	1	00-7F	SCALE TUNING C#	-64...0...+63[cent]	40	0	X	0	0	X	0	0	●	X	●	0	X	0	0	0	
43	1	00-7F	SCALE TUNING D	-64...0...+63[cent]	40	0	X	0	0	X	0	0	●	X	●	0	X	0	0	0	
44	1	00-7F	SCALE TUNING D#	-64...0...+63[cent]	40	0	X	0	0	X	0	0	●	X	●	0	X	0	0	0	
45	1	00-7F	SCALE TUNING E	-64...0...+63[cent]	40	0	X	0	0	X	0	0	●	X	●	0	X	0	0	0	
46	1	00-7F	SCALE TUNING F	-64...0...+63[cent]	40	0	X	0	0	X	0	0	●	X	●	0	X	0	0	0	
47	1	00-7F	SCALE TUNING F#	-64...0...+63[cent]	40	0	X	0	0	X	0	0	●	X	●	0	X	0	0	0	
48	1	00-7F	SCALE TUNING G	-64...0...+63[cent]	40	0	X	0	0	X	0	0	●	X	●	0	X	0	0	0	
49	1	00-7F	SCALE TUNING G#	-64...0...+63[cent]	40	0	X	0	0	X	0	0	●	X	●	0	X	0	0	0	
4A	1	00-7F	SCALE TUNING A	-64...0...+63[cent]	40	0	X	0	0	X	0	0	●	X	●	0	X	0	0	0	
4B	1	00-7F	SCALE TUNING A#	-64...0...+63[cent]	40	0	X	0	0	X	0	0	●	X	●	0	X	0	0	0	
4C	1	00-7F	SCALE TUNING B	-64...0...+63[cent]	40	0	X	0	0	X	0	0	●	X	●	0	X	0	0	0	
4D	1	28-58	CAT PITCH CONTROL	-24...0...+24[semitones]	40	0	X	0	0	X	X	0	X	X	X	0	X	0	X	X	
4E	1	00-7F	CAT LOW PASS FILTER CONTROL	-9600...0...+9450[cent]	40	0	X	0	0	X	X	0	X	0	X	0	X	0	0	X	
4F	1	00-7F	CAT AMPLITUDE CONTROL	-100...0...+100[%]	40	0	X	0	0	X	X	0	X	X	X	0	X	0	X	X	
50	1	00-7F	CAT LFO PMOD DEPTH	0...127	00	0	X	0	0	X	X	0	X	0	X	0	X	0	0	X	
51	1	00-7F	CAT LFO FMOD DEPTH	0...127	00	0	X	0	0	X	X	0	X	0	X	0	X	0	0	X	
52	1	00-7F	CAT LFO AMOD DEPTH	0...127	00	0	X	0	0	X	X	0	X	0	X	0	X	0	0	X	
53	1	28-58	PAT PITCH CONTROL	-24...0...+24[semitones]	40	0	X	0	X	X	X	X	X	X	0	X	0	X	X		
54	1	00-7F	PAT LOW PASS FILTER CONTROL	-9600...0...+9450[cent]	40	0	X	0	X	X	X	X	X	X	0	X	0	X	X		
55	1	00-7F	PAT AMPLITUDE CONTROL	-100...0...+100[%]	40	0	X	0	X	X	X	X	X	X	0	X	0	X	X		
56	1	00-7F	PAT LFO PMOD DEPTH	0...127	00	0	X	0	X	X	X	X	X	X	0	X	0	X	X		
57	1	00-7F	PAT LFO FMOD DEPTH	0...127	00	0	X	0	X	X	X	X	X	X	0	X	0	X	X		
58	1	00-7F	PAT LFO AMOD DEPTH	0...127	00	0	X	0	X	X	X	X	X	X	0	X	0	X	X		
59	1	00-5F	AC1 CONTROLLER NUMBER	0...95	10	0	X	0	X	X	X	X	X	X	0	X	0	X	X		
5A	1	28-58	AC1 PITCH CONTROL	-24...0...+24[semitones]	40	0	X	0	X	X	X	X	X	X	0	X	0	X	X		
5B	1	00-7F	AC1 LOW PASS FILTER CONTROL	-9600...0...+9450[cent]	40	0	X	0	X	X	X	X	X	X	0	X	0	X	X		
5C	1	00-7F	AC1 AMPLITUDE CONTROL	-100...0...+100[%]	40	0	X	0	X	X	X	X	X	X	0	X	0	X	X		
5D	1	00-7F	AC1 LFO PMOD DEPTH	0...127	00	0	X	0	X	X	X	X	X	X	0	X	0	X	X		
5E	1	00-7F	AC1 LFO FMOD DEPTH	0...127	00	0	X	0	X	X	X	X	X	X	0	X	0	X	X		
5F	1	00-7F	AC1 LFO AMOD DEPTH	0...127	00	0	X	0	X	X	X	X	X	X	0	X	0	X	X		
60	1	00-5F	AC2 CONTROLLER NUMBER	0...95	11	0	X	0	X	X	X	X	X	X	0	X	0	X	X		
61	1	28-58	AC2 PITCH CONTROL	-24...0...+24[semitones]	40	0	X	0	X	X	X	X	X	X	0	X	0	X	X		
62	1	00-7F	AC2 LOW PASS FILTER CONTROL	-9600...0...+9450[cent]	40	0	X	0	X	X	X	X	X	X	0	X	0	X	X		
63	1	00-7F	AC2 AMPLITUDE CONTROL	-100...0...+100[%]	40	0	X	0	X	X	X	X	X	X	0	X	0	X	X		
64	1	00-7F	AC2 LFO PMOD DEPTH	0...127	00	0	X	0	X	X	X	X	X	X	0	X	0	X	X		
65	1	00-7F	AC2 LFO FMOD DEPTH	0...127	00	0	X	0	X	X	X	X	X	X	0	X	0	X	X		
66	1	00-7F	AC2 LFO AMOD DEPTH	0...127	00	0	X	0	X	X	X	X	X	X	0	X	0	X	X		
67	1	00-01	PORTAMENTO SWITCH	OFF, ON	00	0	X	0	0	X	X	0	X	X	X	0	X	0	0	X	
68	1	00-7F	PORTAMENTO TIME	0...127	00	0	X	0	0	X	X	0	X	X	X	0	X	0	0	X	
69	1	00-7F	PITCH EG INITIAL LEVEL	-64...0...+63	40	0	X	0	0	X	X	0	X	X	X	0	X	0	X	X	
6A	1	00-7F	PITCH EG ATTACK TIME	-64...0...+63	40	0	X	0	0	X	X	0	X	X	X	0	X	0	X	X	
6B	1	00-7F	PITCH EG RELEASE LEVEL	-64...0...+63	40	0	X	0	0	X	X	0	X	X	X	0	X	0	X	X	
6C	1	00-7F	PITCH EG RELEASE TIME	-64...0...+63	40	0	X	0	0	X	X	0	X	X	X	0	X	0	X	X	
6D	1	01-7F	VELOCITY LIMIT LOW	1...127	01	0	X	0	0	X	X	0	X	X	X	0	X	0	X	X	
6E	1	01-7F	VELOCITY LIMIT HIGH	1...127	7F	0	X	0	0	X	X	0	X	X	X	0	X	0	X	X	

TOTAL SIZE 3F

70	1		NOT USED		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
71	1		NOT USED		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
72	1	00-7F	EQ BASS GAIN	-12dB...+12dB	40	0	X	0	0	X	0	0	●	●	●	●	X	0	0	0
73	1	00-7F	EQ TREBLE GAIN	-12dB...+12dB	40	0	X	0	0	X	0	0	●	●	●	●	X	0	0	0

TOTAL SIZE 04

74	1		NOT USED		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
75	1		NOT USED		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
76	1	04-28	EQ BASS FREQUENCY	32..2.0k[Hz]	0C	0	X	0	0	X	X	0	●	0	●	0	X	0	0	0
77	1	1C-3A	EQ TREBLE FREQUENCY	500...16.0k[Hz]	36	0	X	0	0	X	X	0	●	0	●	0	X	0	0	0
78	1		NOT USED		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
79	1		NOT USED		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7A	1		NOT USED		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7B	1		NOT USED		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7C	1		NOT USED		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7D	1		NOT USED		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7E	1		NOT USED		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7F	1		NOT USED		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TOTAL SIZE 0C

● Transmitted via panel operations

MIDI Data Format / MIDI-Datenformat / Format des données MIDI / Formato de datos MIDI

[MIDI]													[Sound Creator]										
Address (H)	Size (H)	Data (H)	Parameter	Description	XG Default (H)	Voice		MIDI Reception					MIDI Transmission					PLAY		REC			
						Regular/Drum/Organ Voice	Mic/Vocal Harmony	Song	Right1/Right2/Left	Keyboard	Style	Extra	Right1/Right2/Left	M.Pad	Style	Song	Upper Lower	PLAY	REW	From panel (Right1/Right2/Left)			
0A	nn	40	1	00-7F	MW OFFSET LEVEL CONTROL	-100 – 100[%]	40	0	-	0	0	X	X	0	●	0	X	0	X	0	0	0	0
		41	1	00-7F	BEND OFFSET LEVEL CONTROL	-100 – 100[%]	40	0	-	0	X	X	X	X	X	X	X	0	X	0	0	0	X
		42	1	00-7F	CAT OFFSET LEVEL CONTROL	-100 – 100[%]	40	0	-	0	0	X	X	0	X	0	X	0	X	0	0	0	X
		43	1	00-7F	PAT OFFSET LEVEL CONTROL	-100 – 100[%]	40	0	-	0	X	X	X	X	X	X	X	0	X	0	0	0	X
		44	1	00-7F	AC1 OFFSET LEVEL CONTROL	-100 – 100[%]	40	0	-	0	X	X	X	X	X	X	X	0	X	0	0	0	X
		45	1	00-7F	AC2 OFFSET LEVEL CONTROL	-100 – 100[%]	40	0	-	0	X	X	X	X	X	X	X	0	X	0	0	0	X

TOTAL SIZE 06

●: Transmitted via panel operations

nn = PART NUMBER

If there is a Drum Voice assigned to the part, the following parameters are ineffective.

- BANK SELECT LSB
- PORTAMENTO
- MONO/POLY
- SCALE TUNING
- POLY AFTER TOUCH
- PITCH EG

MIDI Parameter Change table (A/D PART)

PSR-S710	X
PSR-S910	O

[MIDI]													[Song Creator]										
Address (H)	Size (H)	Data (H)	Parameter	Description		Voice		MIDI Reception					MIDI Transmission					PLAY		REC			
						Regular/Drum/Organ Voice	Mic/Vocal Harmony	Song	Right1/Right2/Left	Keyboard	Style	Extra	Right1/Right2/Left	M.Pad	Style	Song	Upper Lower	PLAY	REW	From panel (Right1/Right2/Left)			
10	0n	00	1	00-01	INPUT GAIN	MIC, LINE	*The A/D PART parameter cannot be reset to its factory setting with XG System On.	X	X							X				X	X	X	
		01	1	00-7F	BANK SELECT MSB	0...127		X	X		X					X				X	X	X	X
		02	1	00-7F	BANK SELECT LSB	0...127		X	X		X					X				X	X	X	X
		03	1	00-7F	PROGRAM NUMBER	1...128		X	X		X					X				X	X	X	X
		04	1	00-0F, 7F	Rcv CHANNEL	1...16, OFF		X	O		O					O				O	X	X	X
		05	1		NOT USED			-	-		-					-				-	-	-	-
		06	1		NOT USED			-	-		-					-				-	-	-	-
		07	1		NOT USED			-	-		-					-				-	-	-	-
		08	1		NOT USED			-	-		-					-				-	-	-	-
		09	1		NOT USED			-	-		-					-				-	-	-	-
		0A	1		NOT USED			-	-		-					-				-	-	-	-
		0B	1	00-7F	VOLUME	0...127		X	O		O					●				O	X	X	X
		0C	1		NOT USED			-	-		-					-				-	-	-	-
		0D	1		NOT USED			-	-		-					-				-	-	-	-
		0E	1	01-7F	PAN	L63...C...R63		X	O		O					●				O	X	X	X
		0F	1		NOT USED		-	-		-					-				-	-	-	-	
		10	1		NOT USED		-	-		-					-				-	-	-	-	
		11	1	00-7F	DRY LEVEL	0...127	X	O		O					●				O	X	X	X	
		12	1	00-7F	CHORUS SEND	0...127	X	O		O					●				O	X	X	X	
		13	1	00-7F	REVERB SEND	0...127	X	O		O					●				O	X	X	X	
		14	1	00-7F	VARIATION SEND	0...127	X	O		O					●				O	X	X	X	

TOTAL SIZE 15

n: A/D Part Number (0)

MIDI Parameter Change table (DRUM SETUP)

[MIDI]													[Song Creator]									
Address (H)	Size (H)	Data (H)	Parameter	Description	XG Default (H)	Voice		MIDI Reception					MIDI Transmission					PLAY		REC		
						Regular/Drum/Organ Voice	Mic/Vocal Harmony	Song	Right1/Right2/Left	Keyboard	Style	Extra	Right1/Right2/Left	M.Pad	Style	Song	Upper Lower	PLAY	REW	From panel (Right1/Right2/Left)		
3n	rr	00	1	00-7F	PITCH COARSE	-64...0...+63	40	O (Drum only)	X							O				O	X	X
		01	1	00-7F	PITCH FINE	-64...0...+63[cent]	40	O (Drum only)	X							O				O	X	X
		02	1	00-7F	LEVEL	0...127	Depends on the note	O (Drum only)	X							O				O	X	X
		03	1	00-7F	ALTERNATE GROUP	OFF, 1...127	Depends on the note	O (Drum only)	X							O				O	X	X
		04	1	00-7F	PAN	RND, L63...C...R63	Depends on the note	O (Drum only)	X							O				O	X	X
		05	1	00-7F	REVERB SEND	0...127	Depends on the note	O (Drum only)	X							O				O	X	X
		06	1	00-7F	CHORUS SEND	0...127	Depends on the note	O (Drum only)	X							O				O	X	X
		07	1	00-7F	VARIATION SEND	0...127	7F	O (Drum only)	X							O				O	X	X
		08	1	00-01	KEY ASSIGN	SINGLE, MULTI	00	O (Drum only)	X							O				O	X	X
		09	1	00-01	Rcv NOTE OFF	OFF, ON	Depends on the note	O (Drum only)	X							O				O	X	X
		0A	1	00-01	Rcv NOTE ON	OFF, ON	01	O (Drum only)	X							O				O	X	X
		0B	1	00-7F	LOW PASS FILTER CUTOFF FREQUENCY	-64...0...+63	40	O (Drum only)	X							O				O	X	X
		0C	1	00-7F	LOW PASS FILTER RESONANCE	-64...0...+63	40	O (Drum only)	X							O				O	X	X
		0D	1	00-7F	EG ATTACK RATE	-64...0...+63	40	O (Drum only)	X							O				O	X	X
		0E	1	00-7F	EG DECAY1 RATE	-64...0...+63	40	O (Drum only)	X							O				O	X	X
		0F	1	00-7F	EG DECAY2 RATE	-64...0...+63	40	O (Drum only)	X							O				O	X	X

TOTAL SIZE 10





MIDI Data Format / MIDI-Datenformat / Format des données MIDI / Formato de datos MIDI

MIDI Event	Data Format	[MIDI]											[Song Creator]			
		Voice		MIDI Reception				MIDI Transmission					PLAY		REC	
		Regular/ Drum/ Organ Voice	Mic/ Vocal Harmony	Song	Right/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	M.Pad	Style	Song	Upper Lower	PLAY	REW	From panel operations
<b>Controller (Control Change) [GM2]</b> <b>F0 7F XN 09 03 0M CC PP RR ... F7</b> 11110000 F0 = Exclusive status 01111111 7F = Universal Real Time 0xxxxnnn XN = When N is received N = 0-F, whichever is received. X = ignored 00001001 09 = Sub-ID #1 = Controller Destination Setting 00000111 03 = Sub-ID #2 = Controller Type: 03 (Control Change) 0000mmmm 0M = MIDI Channel (00-0F) 0ccccccc CC = Controller Number (01H-1FH, 40H-5FH) 0ppppppp PP = Controlled Parameter 0rrrrrrr RR = Range ..... 11110111 F7 = End of Exclusive  Make sure to set both the controlled parameter and the range. Parameters not set will be restored to their default values.  Control Parameter (pp)    Data (RR)    Description    Default Value ----- pp=00 Pitch Control    28H-58H    -24...0...+24semitones    40H pp=01 Filter Cutoff Control    00H-7FH    -9600...0...+9450cents    40H pp=02 Amplitude Control    00H-7FH    -100...0...+100%    40H pp=03 LFO Pitch Depth    00H-7FH    0...127    00H pp=04 LFO Filter Depth    00H-7FH    0...127    00H pp=05 LFO Amplitude Depth    00H-7FH    0...127    00H	O	X	O	X	X	X	X	X	X	X	X	O	X	O	X	X
<b>Key-Based Instrument Control [GM2]</b> <b>F0 7F XN 0A 01 0M KK CC VV ... F7</b> 11110000 F0 = Exclusive status 01111111 7F = Universal Real Time 0xxxxnnn XN = When N is received N=0-F, whichever is received. X = ignored 00001010 0A = Sub-ID #1 = Key-Based Instrument Control 00000001 01 = Sub-ID #2 = Controller 0000mmmm 0M = MIDI Channel (00-0F) 0kkkkkkk KK = Key Number 0ccccccc CC = Controller Number 0vvvvvvv VV = Value ..... 11110111 F7 = End of Exclusive  Make sure to set both the controlled number and the value.  Control Number (CC)    Value (VV)    Description    Default value ----- CC=07H Volume    00H-7FH    -100...0...+100%    40H CC=0AH Pan    00H-7FH    L63...C..R63    (Preset value) (absolute) CC=5BH Reverb Send Level    00H-7FH    0...Max    (Preset value) (absolute) CC=5DH Chorus Send Level    00H-7FH    0...Max    (Preset value) (absolute)	O (Drum only)	X	O	X	X	X	X	X	X	X	X	O	X	O	X	X

System Exclusive Messages (Universal Non-Real Time Messages)

MIDI Event	Data Format	[MIDI]											[Song Creator]			
		Voice		MIDI Reception				MIDI Transmission					PLAY		REC	
		Regular/ Drum/ Organ Voice	Mic/ Vocal Harmony	Song	Right/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	M.Pad	Style	Song	Upper Lower	PLAY	REW	From panel operations
<b>GM1 System On [GM1] [GM2]</b> <b>F0 7E XN 09 01 F7</b> 11110000 F0 = Exclusive status 01111110 7E = Universal Non-Real Time 0xxxxnnn XN = When N is received N = 0-F, whichever is received. X = ignored 00001001 09 = Sub-ID #1 = General MIDI Message 00000001 01 = Sub-ID #2 = General MIDI On 11110111 F7 = End of Exclusive	O	-			O					O			O	X	O	
<b>GM2 System On [GM2]</b> <b>F0 7E XN 09 03 F7</b> 11110000 F0 = Exclusive status 01111110 7E = Universal Non-Real Time 0xxxxnnn XN = When N is received N = 0-F, whichever is received. X = ignored 00001001 09 = Sub-ID #1=General MIDI Message 00000011 03 = Sub-ID #2=General MIDI/2 On 11110111 F7 = End of Exclusive	O	-			O					O			O	X	X	
<b>General MIDI System Off [GM1] [GM2]</b> <b>F0 7E XN 09 02 F7</b> 11110000 F0 = Exclusive status 01111110 7E = Universal Non-Real Time 0xxxxnnn XN = When N is received N = 0-F, whichever is received. X = ignored 00001001 09 = Sub-ID #1 = General MIDI Message 00000010 02 = Sub-ID #2 = General MIDI Off 11110111 F7 = End of Exclusive	O	-			O					O			O	X	X	
<b>Scale/Octave Tuning [GM2]</b> <b>F0 7E XN 08 08 JJ GG MM SS ... F7</b> 11110000 F0 = Exclusive status 01111110 7E = Universal Non-Real Time 0xxxxnnn XN = When N is received N=0-F, whichever is received. X = ignored 00001000 08 = Sub-ID #1=MIDI Tuning Standard 00001000 08 = Sub-ID #2=scale/octave tuning 1byte form 0jjjjjjj JJ = Channel/option byte1 bits 0 to 1 = channel 15 to 16 bits 2 to 6 = reserved 0ggggggg GG = Channel byte2 - bits0 to 6 = channel 8 to 14 0mmmmmmm MM = Channel byte2 - bits0 to 6 = channel 1 to 7 0sssssss SS = 12byte tuning offset of 12 semitones from C to B 00H means -64cent 40H means 0cent 7FH means +63cent ..... 11110111 F7 = End of Exclusive	O	X			O					O			O	X	X	



## System Exclusive Messages (2)

\* Not received when Receive System Exclusive Message Parameters is set to off.  
 \* Not transmitted when Transmit System Exclusive Message Parameters is set to off.

## System Exclusive Messages (Style)

MIDI Event	Data Format	[MIDI]											
		Voice		MIDI Reception				MIDI Transmission					
		Regular/Drum/ Organ Voice	Mic/Vocal Harmony	Song	Right1/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	M.Pad	Style	Song	Upper Lower
Section Control	<b>F0 43 7E 00 ss dd F7</b> 11110000 F0 = Exclusive status 01000011 43 = YAMAHA ID 01111110 7E = Style 00000000 00 = 0sssssss ss = Switch No.  00H INTRO A 01H INTRO B 02H INTRO C 03H INTRO D 08H MAIN A 09H MAIN B 0AH MAIN C 0BH MAIN D 10H FILL IN AA 11H FILL IN BB 12H FILL IN CC 13H FILL IN DD 18H BREAK FILL 20H ENDING A 21H ENDING B 22H ENDING C 23H ENDING D  0ddddd dd = Switch On/Off 00H (Off) 7FH (On) 11110111 F7 = End of Exclusive	-	-			O							●
Tempo Control	<b>F0 43 7E 01 t4 t3 t2 t1 F7</b> 11110000 F0 = Exclusive status 01000011 43 = YAMAHA ID 01111110 7E = Style 00000001 01 = 0ttttttt t4 = tempo4 0ttttttt t3 = tempo3 0ttttttt t2 = tempo2 0ttttttt t1 = tempo1 11110111	-	-			O							●
Chord Control	<b>F0 43 7E tt d1 d2 d3 d4 F7</b> Type1 (tt=02) 11110000 F0 = Exclusive status 01000011 43 = YAMAHA ID 01111110 7E = Style 00000010 02 = type 1 0ddddd d1 = chord root (cr) 0ddddd d2 = chord type (ct) 0ddddd d3 = bass note (bn) 0ddddd d4 = bass type (bt) 11110111 F7 = End of Exclusive  cr: Chord Root Offnnnn fff: b or #, nnnn: note (root) 0000nnnn 0n bbb 0fff0000 x0 reserved 0001nnnn 1n bb 0fff0001 x1 C 0010nnnn 2n b 0fff0010 x2 D 0011mmn 3n natural 0fff0011 x3 E 0100nnn 4n # 0fff0100 x4 F 0101nnnn 5n ## 0fff0101 x5 G 0110nnnn 6n ### 0fff0110 x6 A 0fff0111 x7 B  ct: Chord Type 0 - 34, 127 0000000 00 0 Maj 00010010 12 18 dim7 00000001 01 1 Maj6 00010011 13 19 7th 00000010 02 2 Maj7 00010100 14 20 7sus4 00000011 03 3 Maj7(#11) 00010101 15 21 7b5 00000100 04 4 Maj(9) 00010110 16 22 7(9) 00000101 05 5 Maj7(9) 00010111 17 23 7(#11) 00000110 06 6 Maj6(9) 00011000 18 24 7(13) 00000111 07 7 aug 00011001 19 25 7(b9) 00001000 08 8 min 00011010 1A 26 7 b13) 00001001 09 9 min6 00011011 1B 27 7(#9) 00001010 0A 10 min7 00011100 1C 28 Maj7aug 00001011 0B 11 min7b5 00011101 1D 29 7aug 00001100 0C 12 min(9) 00011110 1E 30 1+8 00001101 0D 13 min7(9) 00011111 1F 31 1+5 00001110 0E 14 min7(11) 00100000 20 32 sus4 00001111 0F 15 minMaj7 00100001 21 33 1+2+5 00010000 10 16 minMaj7(9) 00100010 22 34 cc 00010001 11 17 dim  bn: On Bass Note Same as Chord root 127: No bass chord  bt: Bass Chord Same as Chord type 127: No bass chord  * Not received when Chord System Exclusive Message Parameters is set to off. * Not received when Transmit Chord System Exclusive Message Parameters is set to off.	-	-			O						●	
	Type2 (tt=03) 11110000 F0 = Exclusive status 01000011 43 = YAMAHA ID 01111110 7E = Style 00000011 03 = type 2 0ddddd dd = note1 0ddddd dd = note2 0ddddd dd = note3  0ddddd dd = note10 11110111 F7 = End of Exclusive	-	-			O						X	

● Transmitted via panel operations

System Exclusive Messages (XG)

MIDI Event	Data Format	Voice		MIDI Reception					MIDI Transmission					
		Regular/Drum/ Organ Voice	Mic/Vocal Harmony	Song	Right1/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	M.Pad	Style	Song	Upper Lower	
XG Parameter Changes	<b>F0 43 1n 4C hh mm ll dd ... F7</b> 11110000 F0 = Exclusive status 01000011 43 = YAMAHA ID 0001nnnn 1n = Device Number n = always 0 (when transmit), n = 0-F (when receive) 01001100 4C = Model ID 0hhhhhhh hh = Address High 0mmmmmmm mm = Address Mid 01111111 ll = Address Low 0ddddd dd = Data : : 11110111 F7 = End of Exclusive	-	-											
XG Bulk Dump	<b>F0 43 0n 4C aa bb hh mm ll dd...dd cc F7</b> 11110000 F0 = Exclusive status 01000011 43 = YAMAHA ID 000nnnnn 0n = Device Number n = always 0 (when transmit), n=0-F (when receive) 01001100 4C = Model ID 0aaaaaaa aa = Byte Count MSB 0bbbbbbb bb = Byte Count LSB 0hhhhhhh hh = Address High 0mmmmmmm mm = Address Mid 01111111 ll = Address Low 0ddddd dd = Data : : 0ddddd dd = Data 0ccccc cc = Checksum 11110111 F7 = End of Exclusive	-	-											
XG Parameter Request	<b>F0 43 3n 4C hh mm ll F7</b> 11110000 F0 = Exclusive status 01000011 43 = YAMAHA ID 001nnnnn 3n = Device Number n = always 0 (when transmit), n = 0-F (when receive) 01001100 4C = Model ID 0hhhhhhh hh = Address High 0mmmmmmm mm = Address Mid 01111111 ll = Address Low 11110111 F7 = End of Exclusive	-	-											
XG Dump Request	<b>F0 43 2n 4C hh mm ll F7</b> 11110000 F0 = Exclusive status 01000011 43 = YAMAHA ID 0010nnnn 2n = Device Number n = always 0 (when transmit), n = 0-F (when receive) 01001100 4C = Model ID 0hhhhhhh hh = Address High 0mmmmmmm mm = Address Mid 01111111 ll = Address Low 11110111 F7 = End of Exclusive	-	-											

System Exclusive Messages (Clavinova compliance)

11110000 F0 = Exclusive status  
 01000011 43 = YAMAHA ID  
 01110011 73 = Clavinova ID  
 :  
 :  
 11110111 F7 = End of Exclusive

MIDI Event	Data Format	Voice		MIDI Reception					MIDI Transmission					
		Regular/Drum/ Organ Voice	Mic/Vocal Harmony	Song	Right1/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	M.Pad	Style	Song	Upper Lower	
Internal Clock	<b>F0 43 73 01 02 F7</b> 00000001 01 = Model ID (Clavinova common ID) 00000010 02 = Internal Clock Substatus	-	-											
External Clock	<b>F0 43 73 01 03 F7</b> 00000001 01 = Model ID (Clavinova common ID) 00000011 03 = External Clock Substatus	-	-											
Organ Flutes data Bulk Dump	<b>F0 43 73 01 06 0B 00 01 06 0n [Bulk Data] sum</b> 01H Model ID (Clavinova common ID) 06H Bulk ID 0BH Bulk No. (Organ Flutes data Bulk Dump) 00H, 00H, 01H, 06H Data Length:16bytes  1st Channel No. 0nH 2nd Footage [1] 00-08H 3rd [1 1/3] 00-08H 4th [1 3/5] 00-08H 5th [2] 00-08H 6th [2 2/3] 00-08H 7th [4] 00-08H 8th [5 1/3] 00-08H 9th [8] 00-08H 10th [16] 00-08H 11th [Attack 2] 00-08H 12th [Attack 2 2/3] 00-08H 13th [Attack 4] 00-08H 14th Settings [Attack Length] 00-08H 15th [Response] 00-08H 16th [Attack Mode] 00-01H 00H: Each, 01H: First 17th [Wave Variation] 00-01H 00H: Sine, 01H: Vintage 18th [Volume] 01-09H 19th [aux] 00H 20th [aux] 00H 21th [aux] 00H 22th [aux] 00H sum Check Sum = 0-sum (BULK DATA)	0 (Organ Flute)	X	0	0	X	X	0	●	X	X	0	X	

● Transmitted via panel operations

System Exclusive Messages Special Operators (Vocal Harmony Additional Parameters)

Vocal Harmony

PSR-S710	X
PSR-S910	O

MIDI Event	Data Format	[MIDI]											
		Voice		MIDI Reception					MIDI Transmission				
		Regular/Drum/ Organ Voice	Mic/Vocal Harmony	Song	Right1/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	M.Pad	Style	Song	Upper Lower
Vocal Harmony Pitch to Note ON/OFF	F0 43 73 01 11 0n 50 00 dd F7 11110000 F0 = Exclusive status 01000011 43 = YAMAHA ID 01110011 73 = Clavinova ID 00000001 01 = Model ID (Clavinova common ID) 00010001 11 = Special Operators 0000nnnn 0n = Channel No. (Always 00) 01010000 50 = Vocal Harmony Additional Parameter Control No. 00000000 00 = Pitch to Note Parameter No. 0d000000 dd = data (00H: Off, 01H: On) 11110111 F7 = End of Exclusive	X	O						O				●
Vocal Harmony Pitch to Note Part	F0 43 73 01 11 0n 50 01 dd F7 11110000 F0 = Exclusive status 01000011 43 = YAMAHA ID 01110011 73 = Clavinova ID 00000001 01 = Model ID (Clavinova common ID) 00010001 11 = Special Operators 0000nnnn 0n = Channel No. (Always 00) 01010000 50 = Vocal Harmony Additional Parameter Control No. 00000001 01 = Pitch to Note Part Parameter No. 0d000000 dd = data 00H: Right1 01H: Right2 02H: Left 03H: (not used) 04H: Upper 11110111 F7=End of Exclusive	X	O					O				●	
Vocal Harmony Vocoder Part (Harmony Part (Panel))	F0 43 73 01 11 0n 50 10 dd F7 11110000 F0 = Exclusive status 01000011 43 = YAMAHA ID 01110011 73 = Clavinova ID 00000001 01 = Model ID (Clavinova common ID) 00010001 11 = Special Operators 0000nnnn 0n = Channel No. (Always 00) 01010000 50 = Vocal Harmony Additional Parameter Control No. 00010000 10 = Vocoder Part Parameter No. 0d000000 dd = data 00H: Off 01H: Upper 02H: Lower 11110111 F7 = End of Exclusive	X	O					O				●	

● Transmitted via panel operations

System Exclusive Messages (Others)

MIDI Event	Data Format	[MIDI]										
		Voice		MIDI Reception					MIDI Transmission			
		Regular/Drum/ Organ Voice	Mic/Vocal Harmony	Song	Right1/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	M.Pad	Style	Song
MIDI Master Tuning	F0 43 1n 27 30 00 00 0m 0l cc F7 11110000 F0 = Exclusive status 01000011 43 = YAMAHA ID 0001nnnn 1n n= always 0 (when transmit), n=0-F (when receive) 00100111 27 = Model ID of TG100 00110000 30 = Address High 00000000 00 = Address Mid 00000000 00 = Address Low 0000mmmm 0m = Master Tune MSB 00001111 0l = Master Tune LSB 0ccccccc cc = don't care 11110111 F7 = End of Exclusive	O	O					O				X

# Song System Exclusive Message List / Liste der System-Exclusive-Meldungen der Songs / Liste des messages exclusifs au système demorceaux / Lista de mensajes exclusivos del sistema de canciones

Data Format	Parameter	Description	Note
<b>Guide</b>			
F0 43 73 01 1F 00 cc dd F7	Guide Mode	ccH = Part Select No 00H (TRACK1=ON, TRACK2=ON) 01H (TRACK1=OFF, TRACK2=ON) 02H (TRACK1=ON, TRACK2=OFF) 03H (TRACK1=OFF, TRACK2=OFF) ddH = Mode 00H=Guide OFF 01H=Follow Lights 02H=Any Key 03H=Karao-Key 04H=Vocal CueTIME (Vocal Cue Time is not available on the PSR-S710.)	Entered to the song from the [SONG CREATOR] > CHANNEL > SETUP display.

<b>Score</b>			
F0 43 73 01 50 12 00 00 dd F7	Left Part indication On/Off	00H: OFF, 7FH: ON	Entered to the song from the [SONG CREATOR] > CHANNEL > SETUP display.
F0 43 73 01 50 12 00 01 dd F7	Right Part indication On/Off	00H: OFF, 7FH: ON	
F0 43 73 01 50 12 00 02 dd F7	Lyrics indication On/Off	00H: OFF, 7FH: ON	
F0 43 73 01 50 12 00 03 dd F7	Chord indication On/Off	00H: OFF, 7FH: ON	
F0 43 73 01 50 12 00 04 dd F7	N.Name indication On/Off	00H: OFF, 7FH: ON	
F0 43 73 01 50 12 00 05 dd F7	Size designation	00H: SMALL, 02H: LARGE	
F0 43 73 01 50 12 00 06 dd F7	Left Ch	00H~0FH=CH, 7EH=OFF, 7FH=AUTO	
F0 43 73 01 50 12 00 07 dd F7	Right Ch	00H~0FH=CH, 7EH=OFF, 7FH=AUTO	
F0 43 73 01 50 12 00 08 dd F7	Quantize triplet On/Off	00H: Triplet OFF, 7FH: Triplet ON	
F0 43 73 01 50 12 00 09 dd F7	Quantize	00H: quarter, 01H: eighth, 02H: sixteenth, 03H: thirty-second	
F0 43 73 01 50 12 00 0A dd F7	NoteName	00H: ABC, 01H: FixedDo, 02H: MovableDo	
F0 43 73 01 50 12 00 0B dd F7	Color Note	00H: OFF, 7FH: ON	

<b>Style</b>			
F0 43 73 01 51 00 00 00 03 10 00 dd F7	STYLE SPLIT POINT	dd=STYLE SPLIT POINT (Note Number)	Entered to the song from the [SONG CREATOR] > CHANNEL > SETUP display.
F0 43 73 01 51 05 00 03 04 00 00 dd dd F7	STYLE NUMBER	dd dd = Style No.	Entered when recording.
F0 43 7E 00 ss dd F7	Section Control	Refer to the MIDI Data Format.	Entered when recording.

## Song Meta Event List / Liste der Meta-Events der Songs / Liste des métaévénements des morceaux / Lista de meta-eventos de canciones

Data Format	Parameter	Description	Note
FF 05 len [Data]	Lyrics	len = Data length, [Data] = Lyrics Data	
FF 51 03 t1 t2 t3	Set Tempo	t1 t2 t3 = Tempo value B7 1B 00~01 D4 C0 (Tempo 5~500)	Entered when recording.
FF 58 04 nn dd cc bb	Beat	nn = Numerator dd = Denominator (2n) cc = MIDI clock per metronome click bb = Number of thirty-second notes in MIDI quarter note	Entered when recording.
FF 59 02 sf mi	Key Signature	sf = -7 - 7 mi = 0: Major key, 1: Minor key	Entered from the [Score] > SETUP display.

### YAMAHA META EVENT

FF 7F 06 43 73 0A 00 07 dd	Score Start Bar	ddH: Start form this measure dd = -100 - 1, 1 - 100	Same as ScBar entered from the [SONG CREATOR] > SYS/EX. display.
FF 7F len 43 73 0D 01 [Data]	Keyboard Voice	Voice settings for RIGHT1, 2, and LEFT	Entered to the song from the [SONG CREATOR] > CHANNEL > SETUP display.

### YAMAHA XF META EVENT

FF 7F 07 43 7B 01 cr ct bn bt	Chord Name	Refer to "Chord Control" in the MIDI Data Format (System Exclusive Messages).	Entered when recording.
FF 7F 05 43 7B 03 20 08	Phrase Mark	Used as a marker for each phrase when executing Phrase Mark repeat playback.	Used when performing the Phrase Mark repeat playback.
FF 7F 04 43 7B 04 dd	Phrase Max	Maximum Phrase Number.	
FF 7F 05 43 7B 0C rr ll	Guide Track Flag	Sets the TRACK 1 and TRACK 2 parameters on the [FUNCTION] > [SONG SETTING] display. rr = TRACK1 (0: OFF, 1: 1CH~16: 16CH) ll = TRACK2 (0: OFF, 1: 1CH~16: 16CH)	Entered when recording.
FF 7F len 43 7B 21 00 pp [Data]	Lyrics Bitmap	Specifies the background picture of the Lyrics display. pp = Display type (00H: Center, 01H: Tile) [Data] = File Path	Entered to the song from the [SONG CREATOR] > CHANNEL > SETUP display.

Lyrics Bitmap is not available for the PSR-S710.

**MIDI Implementation Chart / MIDI-Implementierungstabelle /  
Tableau d'implémentation MIDI / Gráfico de implementación MIDI**

YAMAHA [ Portable Keyboard ]  
Model PSR-S910/S710 MIDI Implementation Chart

Date : 05-Feb-2009  
Version : 1.00

Function...	Transmitted	Recognized	Remarks
Basic Channel      Default Changed	1 - 16 1 - 16	1 - 16 1 - 16	
Mode              Default Messages Altered	3 X *****	3 X X	
Note Number : True voice	0 - 127 *****	0 - 127 0 - 127	
Velocity      Note ON Note OFF	O 9nH,v=1-127 X 9nH,v=0	O 9nH,v=1-127 X	
After Touch      Key's Ch's	X X	O O	
Pitch Bend	O	O 0 - 24 semi	
Control Change	0,32 O 1,5,7,10,11 O 6,38 O 64,65,66,67 O 71,72,73,74 O 80 O 84 O 91,93,94 O 96,97 X 98,99 O 100,101 O	O O O O O O O O O O O	Bank Select Data Entry Sound Controller Portamento Cntrl Effect Depth RPN Inc,Dec NRPN LSB,MSB RPN LSB,MSB
Prog Change : True #	O 0 - 127 *****	O 0 - 127	
System Exclusive	O	O	
Common : Song Pos. : Song Sel. : Tune	X X X	X X X	
System : Clock Real Time : Commands	O O	O O	
Aux : All Sound Off : Reset All Cntrls : Local ON/OFF Mes- : All Notes OFF sages: Active Sense : Reset	X X X X O X	O (120,126,127) O (121) O (122) O (123-125) O X	
Notes:			

Mode 1 : OMNI ON , POLY  
Mode 3 : OMNI OFF, POLY

Mode 2 : OMNI ON , MONO  
Mode 4 : OMNI OFF, MONO

O : Yes  
X : No

