

DIGITAL PERCUSSION

DD-7

Owner's Guide

Using Batteries

Open the battery compartment cover located on the bottom of the DD-7 and insert six "AA" size (RUM-3 or R-6) batteries or equivalent (sold separately). Be careful to orient them as shown by the markings inside the compartment. Then replace the battery compartment cover, making sure that it locks firmly in place.

- To prevent damage due to battery leakage, remove the batteries from the instrument when it is not to be used for an extended period of time.

YAMAHA

Congratulations!

... on your purchase of a Yamaha DD-7 Digital Percussion unit. The DD-7 is a portable electronic percussion unit packed with features that make it fun and exciting to play, whether you use it as a practice drum set or an instrument in its own right. These features include:

● **Fifty-two PCM instrument sounds**

The DD-7 has 52 real-sounding percussion sounds and sound effects which you can assign to any of the four velocity-sensitive percussion pads.

● **Ten percussion sets**

The instruments are grouped into ten percussion sets that make it easy to select the right instruments for the music you're playing. One of these sets is a user area that you can use to save your own customized percussion set.

● **Automatic rhythm section with 100 styles**

The DD-7 has an automatic rhythm section which plays any of a hundred different rhythm styles covering a broad range of musical styles and genres.

● **Tap Start function**

You can start the automatic rhythm section playing at the desired tempo with a four count using the Tap Start function.

● **Automatic rhythm response**

A handy Auto Roll function automatically plays smooth rolls, flams, and echoes that will dress up your performance.

● **Super Session Player**

A Super Session Player function responds to the notes you play with unpredictable sounds and phrases. You'll be able to get hours of fun -- and lots of good practice -- by dueling with the Super Session Player.

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Taking Care of Your DD-7

Your DD-7 Digital Percussion unit will give you years of playing pleasure if you follow the simple rules below.

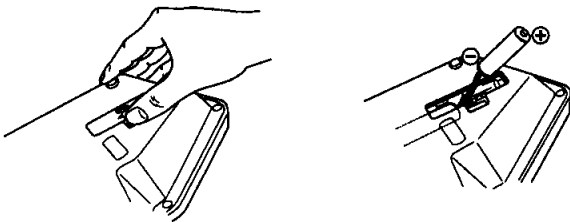
1. Avoid placing the DD-7 in areas that are subject to excessive heat or humidity. Do not leave the instrument near heaters or in a car exposed to direct sunlight, for example.
2. Avoid locations where the instrument is likely to be exposed to excessive dust or moisture.
3. Make any connections between the DD-7 and other devices with both pieces of equipment turned off. Lower the volume on all audio devices to the minimum level when turning the power on.
4. Do not subject the instrument to strong physical shocks, and avoid placing any heavy objects on top of it.
5. Use a soft cloth, dry or slightly damp, to clean the DD-7. Never use chemicals such as benzine or thinner.
6. The DD-7 contains digital circuitry which may cause interference if it is placed close to radio or television receivers. If this occurs, move the instrument farther away from the affected receiver.

Supplying Power to the DD-7

Your DD-7 Digital Percussion unit will operate on either batteries or an optional power adaptor. Follow the instructions below for the power source you intend to use.

Using Batteries

Open the battery compartment cover located on the bottom of the DD-7 and insert six "AA" size (SUM-3 or R-6) batteries or equivalent (sold separately). Be careful to orient them as shown by the markings inside the compartment. Then replace the battery compartment cover, making sure that it locks firmly in place.



Cautions:

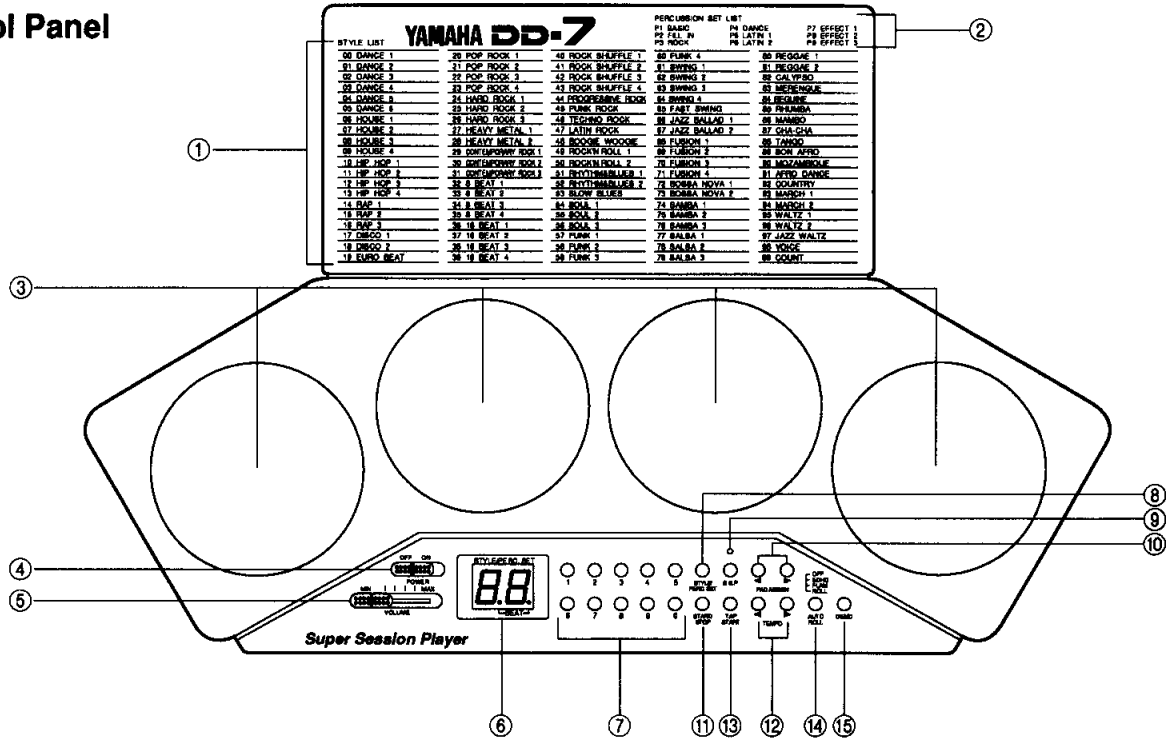
- When the batteries run down, replace them with a complete set of six new batteries. NEVER mix old and new batteries.
You will know it is time to replace the batteries with fresh ones when the following symptoms occur:
 1. The DD-7's instrument sounds become distorted.
 2. The display becomes dim.
 3. The DD-7 resets its settings to their initial values for no apparent reason.
- To prevent damage due to battery leakage, remove the batteries from the instrument when it is not to be used for an extended period of time.

Using an Optional Power Adaptor

Plug the DC output cable from Yamaha PA-1, PA-1B, or PA-3 Power Adaptor into the DC IN jack on the DD-7 rear panel, then plug the adaptor into a convenient AC power outlet. Use ONLY a Yamaha PA-1, PA-1B, or PA-3 Power Adaptor to power your DD-7 with AC mains power. Other AC adaptors could cause serious damage to your Digital Percussion unit.

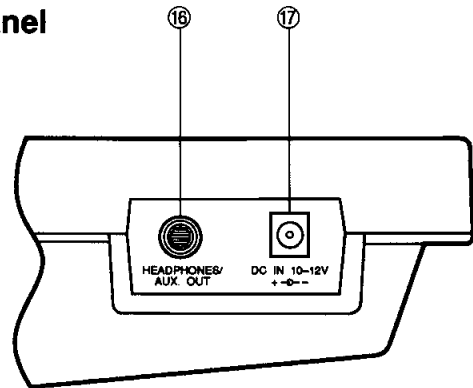
1. Controls and Connectors

Control Panel



- ① STYLE LIST
- ② PERCUSSION SET LIST
- ③ Percussion pads
- ④ POWER switch
- ⑤ VOLUME control
- ⑥ STYLE/PERCUSSION SET Display
- ⑦ Number buttons
- ⑧ STYLE/PERCUSSION SET button
- ⑨ SUPER SESSION PLAYER (S.S.P.) button
- ⑩ PAD ASSIGN ◀ and ▶ buttons
- ⑪ START/STOP button
- ⑫ TEMPO ◀ and ▶ buttons
- ⑬ TAP START button
- ⑭ AUTO ROLL button
- ⑮ DEMO button

Rear Panel

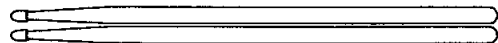


- ⑮ HEADPHONES/AUX. OUT jack
- ⑯ DC IN jack (10-12 volts)

Using Headphones or an External Sound System

You can plug a standard pair of stereo headphones into the HEADPHONES/AUX. OUT jack ⑮ for private practice or late-night playing. The DD-7's built-in speakers will turn off automatically when you plug in your headphones. You can also use the HEADPHONES/AUX. OUT jack to send the output from your DD-7 to a keyboard amplifier, stereo sound system, mixing console, or tape recorder. Use a stereo audio cable to connect the DD-7 to an external sound system.

Supplied Accessories

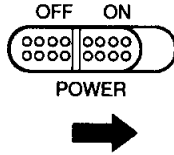


The Yamaha DD-7 Digital Percussion unit is accompanied by a pair of percussion sticks. These sticks are designed specifically for use with the DD-7, and should not be used to play acoustic drums or to strike any surface other than the percussion pads ③. Also, please do not strike the percussion pads with any object other than the supplied sticks or your bare hands.

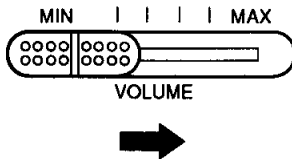
2. The Demonstration

The DD-7 is programmed with a demonstration that introduces the Auto Rhythm Accompaniment styles and Super Session Player patterns.

- Slide the POWER switch ④ to the ON position.



- Set the VOLUME control ⑤ to a position about half way between the MIN and MAX settings. You can make further volume adjustments after you start the demonstration.



- Press the DEMO button ⑮ to start the demonstration. If you wish, you can play along with the demonstration by tapping on the DD-7 percussion pads ③.



While the demonstration song is playing, the number of each rhythm style will appear in the display ⑥ as it is played. (A pair of dashes will appear instead of a style number for patterns used by the Super Session Player.)

- You can stop the demonstration at any time by pressing either the DEMO button ⑮ or the START/STOP button ⑰.



OR



3. Manual Percussion

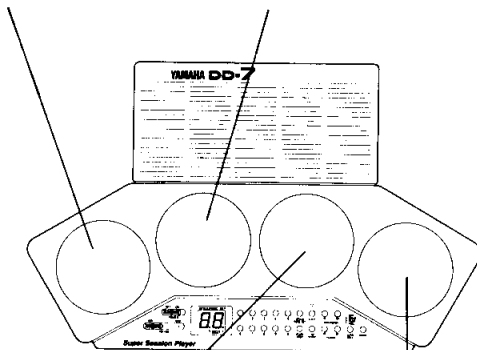
You can begin playing the DD-7 percussion pads ③ as soon as you turn the POWER switch ④ on and raise the VOLUME control ⑤ to an appropriate level. Play the percussion pads with the supplied percussion sticks or your hands.

Initial Pad Assignments

Whenever you turn the POWER switch ④ on, the following instruments will be assigned to the percussion pads ③:

PAD 1 : Bass Drum 1

PAD 2 : Snare 1



PAD 3 : Closed Hi-Hat 1

PAD 4 : Ride Cymbal

These assignments correspond to percussion set P1 (BASIC), which is one of the ten different percussion sets you can choose from. (The selection of percussion sets is described in the next section.)

Pad Sensitivity

The percussion pads ③ are equipped with touch sensors so that they respond just like acoustic percussion instruments: the harder you play, the louder the sound. Be careful not to hit the pads too hard, though. Once the maximum volume is reached, it will not be possible to produce any more volume by striking the pads harder. The use of unnecessary force in playing the percussion pads can damage the instrument and cause spurious triggering of unwanted sounds.

3.1 The Super Session Player

Each time you turn on the power to the DD-7, the indicator above the SUPER SESSION PLAYER button ⑨ will light. This means that the Super Session Player function has been activated.



If you've already tried playing the percussion pads ③, you probably have a good idea what this function does. When the Auto Rhythm Accompaniment is turned off, the DD-7 answers the notes you play with sound effect or a Super Session Player pattern. The response you get will depend partly on how many times you hit the pads, and partly on how hard you hit them.

If you use the Super Session Player function together with the Auto Accompaniment, the DD-7 will respond to your notes by adding in Super Session Player patterns. Again, this response depends on the timing of the notes you play, as well as on the Auto Rhythm Accompaniment style selection. You can turn the Super Session Player function on and off as desired by pressing the Super Session Player.

3.2 Percussion Set Selection

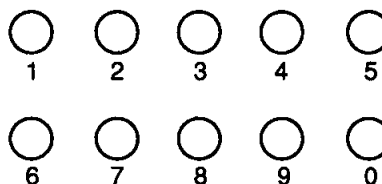
The DD-7 has ten different percussion sets that you can select to match your musical requirements. Each set assigns different instruments to the DD-7's percussion pads ③. The pad assignments for each percussion set are listed below. (The names of these sets are also listed in the PERCUSSION SET LIST ② at the upper right panel of the control panel.)

	SET NAME		PAD 1		PAD 2		PAD 3		PAD 4	
P1	BASIC	00	Bass Drum 1	03	Snare 1	13	Closed Hi-Hat 1	17	Ride Cymbal	
P2	FILL IN	03	Snare 1	10	E.Tom 1 Hi	11	E.Tom 1 Lo	18	Crash Cymbal	
P3	ROCK	01	Bass Drum 2	04	Snare 2	09	Tom Lo	18	Crash Cymbal	
P4	DANCE	02	Bass Drum 3	06	Snare 4	12	E.Tom 2	49	Orchestra Hit	
P5	LATIN 1	22	Conga Mute	20	Conga Hi	21	Conga Lo	25	Cabasa	
P6	LATIN 2	29	Timbale Lo	28	Timbale Hi	26	Cowbell	18	Crash Cymbal	
P7	EFFECT 1	47	Sound Effect 5	45	Sound Effect 3	44	Sound Effect 2	43	Sound Effect 1	
P8	EFFECT 2	38	Dog	39	Lion	42	Dropping Coin	40	Car Horn	
P9	EFFECT 3	26	Cowbell	41	Buzzer	30	Finger Snaps	51	Applause	
P0	User Memory Area									

1. First, make sure that the first character in the display ⑥ is the letter "P". If not, press the STYLE/PERCUSSION SET button ⑧. The letter "P" will appear in the display, followed by the number of the currently selected percussion set.



2. Press one of the number buttons ⑦ corresponding to the number of the desired percussion set (P0 through P9).



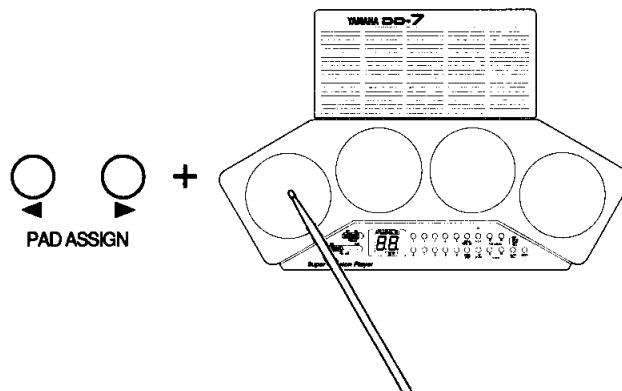
Note: Percussion set P1 (BASIC) is automatically selected each time you turn the POWER switch ④ on.

3.3 Custom Percussion Sets

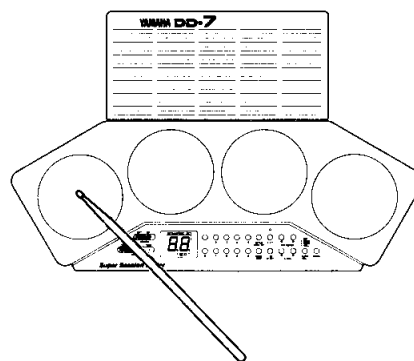
The DD-7 lets you assign any of its 52 instrument sounds to any of the percussion pads ③ and save these settings as percussion set P0. The assignments you make for this set will be lost as soon as you turn off the power, however.

NO.	INSTRUMENT	NO.	INSTRUMENT
00	Bass Drum 1	26	Cowbell
01	Bass Drum 2	27	Cuica
02	Bass Drum 3	28	Timbale Hi
03	Snare 1	29	Timbale Lo
04	Snare 2	30	Finger Snap
05	Snare 3 (Reverse)	31	Hand Claps
06	Snare 4	32	Cross Sticks
07	Rim Shot	33	"One"
08	Tom Hi	34	"Two"
09	Tom Lo	35	"Three"
10	E.Tom 1 Hi	36	"Four"
11	E.Tom 1 Lo	37	Reverse Voice
12	E.Tom 2	38	Dog
13	Closed Hi-Hat 1	39	Lion
14	Open Hi-Hat 1	40	Car Horn
15	Closed Hi-Hat 2	41	Buzzer
16	Open Hi-Hat 2	42	Dropping Coin
17	Ride Cymbal	43	Sound Effect 1
18	Crash Cymbal	44	Sound Effect 2
19	Reverse Crash Cymbal	45	Sound Effect 3
20	Conga Hi	46	Sound Effect 4
21	Conga Lo	47	Sound Effect 5
22	Conga Mute	48	Sound Effect 6
23	Agogo Hi	49	Orchestra Hit
24	Agogo Lo	50	Reverse Orchestra Hit
25	Cabasa	51	Applause

- While holding the appropriate PAD ASSIGN button, tap one of the pads ③ repeatedly. With each tap you will hear the sound of the next instrument in the direction you've selected (◀ or ▶), and the number of that instrument will appear in the display ⑥.



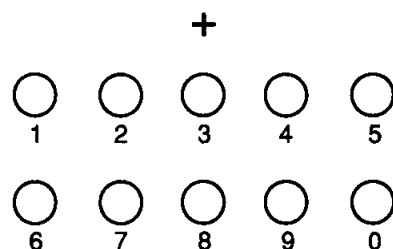
If you wish, you can simply enter the number of the instrument instead of tapping the pad repeatedly. To do so, press and hold either of the PAD ASSIGN buttons, tap the pad you've selected once, then enter the number of the desired instrument using the number buttons ⑦. (Be sure to enter two digits.)



- Using the method described in Section 3.2, select percussion set P0. (If you start changing the assignments while any other percussion set is selected, the DD-7 will automatically switch to set P0 for you.)



- Press and hold one of the PAD ASSIGN buttons ⑩ corresponding to the direction in which you want to move through the instrument list. If you can get to an instrument you want assign to a pad most quickly by moving backward from the current instrument, for example, press and hold the PAD ASSIGN ◀ button.



- Release the PAD ASSIGN button when you hear the instrument you want. The DD-7 will now play the newly assigned instrument whenever you play the pad in question.

- Repeat steps 1 through 4 to assign new instruments to the other pads.

3.4 The Auto Roll Function

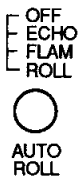
The DD-7 features a handy Auto Roll function which helps you dress up your performances with smooth echoes, flams, and rolls. Since the length and speed of each of these effects varies automatically to match the tempo, all you have to do is hit the first note with the right timing and the DD-7 will do the rest. Even novice percussionists can get slick, professional-sounding results every time.

- Press the AUTO ROLL button (14) once. The current Auto Roll setting will appear in the display (6).



Note: The Auto Roll function is automatically turned off whenever you turn the POWER switch (4) on.

- Press the AUTO ROLL button repeatedly to select the desired setting.



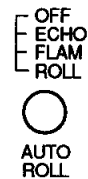
When you select the "echo" setting, the DD-7 will add to each note a series of eighth-note echoes that fade out over the space of a measure.



The "flam" setting produces turns every note you play into a flam (a double note).



When you select the "roll" setting, the DD-7 will produce a roll synchronized with the tempo each time you hit one of the pads (3).



Pressing the AUTO ROLL button once more will turn the Auto Roll function off again.

- The display will continue to show the new setting for a couple of seconds, then return to the previously displayed style or percussion set number.

Note: The Auto Roll function may at times produce a noisy effect, or fail to produce an effect at all, depending on the instrument selection and tempo setting with which you use it.

4. Auto Rhythm Accompaniment

The DD-7 is capable of accompanying you with 100 automatic rhythm styles covering an extremely wide range of musical genres. These styles are listed in the STYLE LIST ① at the top of the control panel. You can select and play back any of the styles, then play along with them using the manual percussion techniques described in the preceding chapter. Try pressing the START/STOP button ⑩. The DD-7 will begin playing style 00 (DANCE 1), which is automatically selected as the current accompaniment style each time you turn on the POWER switch ④. You can stop the accompaniment by pressing the START/STOP button again.

4.1 Accompaniment Style Selection

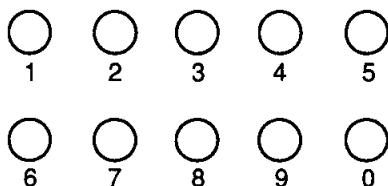
You can use the method below to select a different style using the method below at any time, even while the Auto Rhythm Accompaniment is playing.

1. First, make sure that the letter "P" does not appear as the first character in the display ⑥. If it does, press the STYLE/PERCUSSION SET button ⑧. The letter "P" will disappear, and the number of the currently selected style will appear in its place.



Note: Style 00 (DANCE 1) is automatically selected each time you turn the POWER switch ④ on.

2. Use the number buttons ⑦ to enter the number of the desired style (00 through 99).

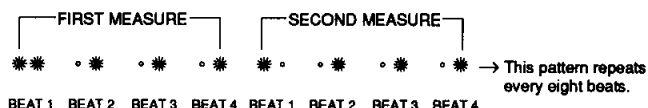


Always enter two digits to select an accompaniment style. For example, to select style 05 (DANCE 6), press the "0" button and then the "5" button. If the Auto Rhythm Accompaniment is already playing, the DD-7 will change to the new style at the beginning of the next measure after you enter the second digit of its number.

4.2 The Tempo Setting

The two dots at the bottom of the display ⑥ flash in time with the Auto Rhythm Accompaniment, providing you with a visual cue to the tempo. Both dots flash simultaneously on the first beat of the two-measure pattern; the left dot alone flashes on the first beat of the second measure; and the right dot flashes on all remaining beats.

When you select a four-beat pattern, for example, the dots will flash in the following sequence:



The range of available tempos runs from 40 to 280 beats per minute (bpm). You can change the current tempo within this range at any time, even while the Auto Rhythm Accompaniment is playing, using the TEMPO buttons ⑫. Press the TEMPO ► button to increase the tempo, or the TEMPO ◀ button to decrease the tempo.

When you press one of the TEMPO buttons, a two-digit value will appear in the display ⑥ to indicate the current tempo. The displayed value corresponds to beats per minute as shown in the table below. The value will remain displayed for a couple seconds after you release of the TEMPO button.

DISPLAY	bpm	DISPLAY	bpm	DISPLAY	bpm	DISPLAY	bpm
01	40	11	100	21	152	31	236
02	48	12	104	22	160	32	246
03	56	13	108	23	168	33	256
04	64	14	112	24	176	34	268
05	70	15	116	25	184	35	280
06	76	16	120	26	192		
07	82	17	126	27	200		
08	88	18	132	28	208		
09	92	19	138	29	216		
10	96	20	144	30	226		

Each accompaniment style has a "normal" tempo value that you can recall at any time by pressing both the TEMPO ◀ and ► buttons simultaneously. Since style 00 (DANCE 1) is automatically selected when the POWER switch ④ is turned on, the tempo is automatically set to 140 beats per minute, the normal tempo for this style, at that time.

4.3 Setting the Tempo with Tap Start

There's another way to set the tempo, one which you can use when you start the Auto Rhythm Accompaniment (rather than before or after). When you use the Tap Start function, the DD-7 will give you a count into the rhythm as you set the pace.

1. Begin by pressing the TAP START button ⑬.



2. Tap any of the percussion pads ③ with a steady beat, using the tempo you want to play at. The DD-7 will count off "One, two, three, four!" (or a variation, depending on the time signature of the style you've selected), then start the Auto Rhythm Accompaniment playing at the tempo you've set.

3. Start playing the pads.

Troubleshooting

In many cases, problems that appear to be malfunctions can be traced to simple causes. Please check the following list of symptoms, causes, and remedies before deciding that your DD-7 is broken.

Symptom	Cause	Remedy
A buzz or click occurs momentarily when the DD-7 is turned ON or OFF.	This is a result of the transient power surge that occurs when the POWER switch ④ is operated, and is normal.	-----
The display ⑥ is dim or completely dark.	The batteries are running low.	If the problem is caused by low batteries, the batteries should be replaced immediately.
No sound comes from the speakers.	1. The volume is turned down too low. 2. A plug is inserted into the HEADPHONES/AUX.OUT jack ⑩. This automatically shuts off the sound from the speakers.	1. Raise the VOLUME control ⑤ to an appropriate level. 2. Remove the plug from the HEADPHONES/AUX.OUT jack.
The wrong instrument plays when you strike a pad.	The desired instrument has not been properly assigned to the pad.	Assign the desired instrument to the pad. If you wish, you can restore the default assignments by turning the power on and off again.
The custom pad assignments have disappeared.	1. The batteries are running low. 2. The POWER switch ④ has been turned OFF and ON. Doing so restores the default assignments, and is not a malfunction.	1. Replace the batteries. 2. Redo the pad assignments.
When the pads are struck hard, the display ⑥ goes dark momentarily and then changes to "00".	The batteries are running low.	Replace the batteries.

Specifications

Max. Simultaneous Notes

8

Instrument Voices

52

Percussion Sets

9 preset + 1 user

Auto Rhythm Styles

100

Auxiliary Functions

Super Session Player, Auto Roll, Tap Start, Auto Rhythm Accompaniment demonstration

Percussion Pads

4 (touch sensitive)

Panel Controls

POWER switch, VOLUME control, Number buttons, STYLE/PERCUSSION SET button, SUPER SESSION PLAYER button, PAD ASSIGN ◀ and ▶ buttons, START/STOP button, TEMPO ◀ and ▶ buttons, TAP START button, AUTO ROLL button, DEMO button

Panel Displays

STYLE/PERCUSSION SET display, SUPER SESSION PLAYER indicator

Connectors

DC 10-12 V IN, HEADPHONES/AUX. OUT

Main Amplifier

2.5 W (RMS), 8 ohms

Speaker

10 cm, 8 ohms

Rated Voltage

DC 10-12 V

Power Source

Six "AA" size, SUM-3, or R-6 batteries (or equivalent), or AC Power Adaptor (PA-1, PA-1B, or PA-3)

Dimensions (W x D x H)

420 x 261 x 113 mm (16-1/2 x 10-1/4 x 4-1/2 inches)

Weight

1.3 kg (2.9 lbs.) excluding batteries

Accessories

Percussion Sticks

Specifications and product appearance subject to change without notice.

For details of products, please contact your nearest Yamaha or the authorized distributor listed below.

Pour plus de détails sur les produits, veuillez-vous adresser à Yamaha ou au distributeur le plus proche de vous figurant dans la liste suivante.

Die Einzelheiten zu Produkten sind bei Ihrer unten aufgeführten Niederlassung und bei Yamaha Vertragshändlern in den jeweiligen Bestimmungsländern erhältlich.

Para detalles sobre productos, contacte su tienda Yamaha más cercana o el distribuidor autorizado que se lista debajo.

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DENMARK

Yamaha Scandinavia Filial Danmark
Finsensvej 86, DK-2000 Frederiksberg, Denmark
Tel: 31-87 30 88

FINLAND

Fazer Music Inc.
Länsituulentie 1A, SF-02100 Espoo, Finland
Tel: 90-435 011

NORWAY

Narud Yamaha AS
Østerdalen 29, 1345 Østerås
Tel: 02-24 47 90

ICELAND

Páll H. Pálsson
P.O. Box 85, Reykjavik, Iceland
Tel: 01-19440

EAST EUROPEAN COUNTRIES (Except HUNGARY)

Yamaha Europa GmbH.
Siemensstraße 22-34, D-2084 Rellingen, F.R. of
Germany
Tel: 04101-3030

AFRICA

MOROCCO

Yamaha-Hazen Electronica Musical, S.A.
Jorge Juan 30, 28001, Madrid, Spain
Tel: 91-577-7270

OTHER COUNTRIES

Yamaha Musique France, Division Export
BP 70-77312 Marne-la-Valée Cedex 2, France
Tel: 01-64-61-4000

MIDDLE EAST ASIA

ISRAEL

R.B.X. International Co., Ltd.
P.O. Box 11136, Tel-Aviv 61111, Israel
Tel: 3-298-251

OTHER COUNTRIES

Yamaha Musique France, Division Export
BP 70-77312 Marne-la-Valée Cedex 2, France
Tel: 01-64-61-4000

ASIA

HONG KONG

Tom Lee Music Co., Ltd.
15/F., World Shipping Centre, Harbour City,
7 Canton Road, Kowloon, Hong Kong
Tel: 3-722-1098

INDONESIA

**PT. Yamaha Music Indonesia (Distributor)
PT. Nusantik**
Gedung Yamaha Music Center, Jalan Jend. Gatot
Subroto Kav. 4, Jakarta 12930, Indonesia
Tel: 21-520-2577

MALAYSIA

Yamaha Music Malaysia Sdn., Bhd.
16-28, Jalan SS 2/72, Petaling Jaya, Selangor,
Malaysia
Tel: 3-717-8977

PHILIPPINES

Yupango Music Corporation
339 Gil J. Puyat Avenue, Makati, Metro Manila
1200, Philippines
Tel: 2-85-7070

SINGAPORE

Yamaha Music Asia Pte., Ltd.
80 Tannery Lane, Singapore 1334, Singapore
Tel: 747-4374

TAIWAN

Kung Hsue She Trading Co., Ltd.
KHS Fu Hsing Building, 322, Section 1, Fu-Hsing
S. Road, Taipei 10640, Taiwan. R.O.C.
Tel: 2-709-1266

THAILAND

Siam Music Yamaha Co., Ltd.
933/1-7 Rama I Road, Patumwan, Bangkok,
Thailand
Tel: 2-215-0030

THE PEOPLE'S REPUBLIC OF CHINA AND OTHER ASIAN COUNTRIES

Yamaha Corporation, Asia Oceania Group
Nakazawa-cho 10-1, Hamamatsu, Japan 430
Tel: 81(Country Code)-53-460-2311

OCEANIA

AUSTRALIA

Yamaha Music Australia Pty. Ltd.
17-33 Market Street, South Melbourne, Vic. 3205,
Australia
Tel: 3-699-2388

NEW ZEALAND

Music Houses of N.Z. Ltd.
146/148 Captain Springs Road, Te Papapa,
Auckland New Zealand
Tel: 9-640-099

COUNTRIES AND TRUST TERRITORIES IN PACIFIC OCEAN

Yamaha Corporation, Asia Oceania Group
Nakazawa-cho 10-1, Hamamatsu, Japan 430
Tel: 81(Country Code)-53-460-2311

DD-7 Instruments

Type	No.	Instrument
Bass Drums	00	Bass Drum 1
	01	Bass Drum 2
	02	Bass Drum 3
Snare Drums	03	Snare Drum 1
	04	Snare Drum 2
	05	Snare Drum 3 (Reverse)
	06	Snare Drum 4
	07	Rim Shot
Toms	08	Tom Hi
	09	Tom Lo
	10	E.Tom 1 Hi
	11	E.Tom 1 Lo
	12	E.Tom 2
Hi-Hats	13	Closed Hi-Hat 1
	14	Open Hi-Hat 1
	15	Closed Hi-Hat 2
	16	Open Hi-Hat 2
Cymbals	17	Ride Cymbal
	18	Crash Cymbal
	19	Reverse Crash Cymbal
Percussion	20	Conga Hi
	21	Conga Lo
	22	Conga Mute
	23	Agogo Hi
	24	Agogo Lo
	25	Cabasa

Type	No.	Instrument	
Percussion	26	Cowbell	
	27	Cuica	
	28	Timbale Hi	
	29	Timbale Lo	
	30	Finger Snap	
	31	Hand Claps	
	32	Cross Sticks	
	Sound Effects	33	"One"
		34	"Two"
		35	"Three"
36		"Four"	
37		Reverse Voice	
38		Dog	
39		Lion	
40		Car Horn	
41		Buzzer	
42		Dropping Coin	
43		Sound Effect 1	
44		Sound Effect 2	
45		Sound Effect 3	
46		Sound Effect 4	
47		Sound Effect 5	
48		Sound Effect 6	
49	Orchestra Hit		
50	Reverse Orchestra Hit		
51	Applause		

FCC INFORMATION

IMPORTANT NOTICE : DO NOT MODIFY THIS UNIT!

This product, when installed as indicated in the instructions contained in this manual, meets FCC requirements. Modifications not expressly approved by Yamaha may void your authority, granted by the FCC, to use the product.

IMPORTANT :

When connecting this product to accessories and/ or another product use only high quality shielded cables. Cable/s supplied with this product MUST be used. Follow all installation instructions.

Failure to follow instructions could void your FCC authorization to use this product in the USA.

NOTE :

This product has been tested and found to comply with the requirements listed in FCC Regulations, Part 15 for Class "B" digital devices. Compliance with these requirements provides a reasonable level of assurance that your use of this product in a residential environment will not result in harmful interference with other electronic devices. This equipment generates/ uses radio frequencies and, if not installed and used according to the instructions found in the users manual, may cause interference harmful to the operation of other electronic devices. Compliance with FCC regulations does not guarantee that interference will not occur in all installations. If this product is found to be the source of interference, which can be determined by turning the unit "OFF" and "ON", please try to eliminate the problem by using one of the following measures:

Relocate either this product or the device that is being affected by the interference.

Utilize power outlets that are on different branch (circuit breaker or fuse) circuits or install AC line filter/ s.

In the case of radio or TV interference, relocate/ reorient the antenna. If the antenna lead-in is 300 ohm ribbon lead, change the lead-in to co-axial type cable.

If these corrective measures do not produce satisfactory results, please contact the local retailer authorized to distribute this type of product. If you can not locate the appropriate retailer, please contact Yamaha Corporation of America, Electronic Service Division, 6600 Orangethorpe Ave, Buena Park CA, 90620

* This applies only to products distributed by Yamaha Music Corporation of America.

The serial number of this product may be found on the bottom of the unit. You should note this serial number in the space provided below and retain this manual as a permanent record of your purchase to aid identification in the event of theft.

Model No. DD-7
Serial No.

Concerning the Warranty

This product was made for international distribution, and since the warranty for this type of product varies from marketing area to marketing area, please contact the selling agency for information concerning the applicable warranty and/ or service policies.



This recycle mark indicates that the packaging conforms to the environmental protection legislation in Germany.

YAMAHA

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