

for
ANALOG INPUT BOX AI8
ANALOG OUTPUT BOX AO8

MIC/LINE INPUT CARD **LMY2-MLAB, LMY4-MLF**
 AD CARD **LMY4-AD**
 DA CARD **LMY4-DA**

Thank you for choosing the Yamaha input card for the analog input box AI8, and the Yamaha output card for the analog output box AO8.

Be sure to ask an authorized Yamaha service engineer to install the cards. Do not install the cards yourself.

The connecting screw also functions as the ground. Secure the screw tightly.

この度はヤマハ アナログインプットボックスAI8用インプットカード、アナログアウトプットボックスAO8用アウトプットカードをお買い上げいただき、ありがとうございます。

カードの取付けは、必ずヤマハサービスエンジニアにご依頼ください。お客様ご自身では行なわないでください。

接続ネジはアース兼用ですのでしっかり締めてあるか確認してください。

■ LMY2-MLAB

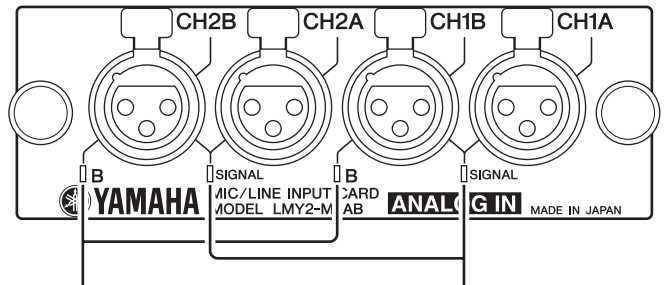
This is a two-channel analog input card. Set the input level in the range of -68 dB to +10 dB.

You can install up to eight cards in the analog input box AI8. PM1D system software prior to V1.70 recognizes this card as LMY2-ML. However, the card will function properly.

2チャンネルのアナログ入力カードです。入力レベルは - 68 dB ~ + 10dB の範囲で設定します。

アナログインプットボックスAI8に8枚まで装着できます。

PM1D V1.70より前のシステムソフトウェアでは、カード名が「 LMY2-ML 」と表示されますが正しく動作します。



When the indicator is lit in orange, channel B is selected. When the indicator is turned off, channel A is selected.
 点灯時 (オレンジ) はチャンネルBが選択、消灯時はチャンネルAが選択

The green LED lights up at 34 dB before clipping. クリッピング手前34dBで緑色LEDが点灯

Input Terminals	GAIN***	Actual Load Impedance	For Use With Nominal	Input Level		Connector
				Nominal	Max. Before Clip	
CH1A, CH1B CH2A, CH2B	-68 dB	3 kΩ	50-600 Ω Mics & 600 Ω Lines	-68 dBu (309 μV)*	-54 dBu (775 μV)*	XLR-3-31 type (Balanced)**
	+10 dB			+10 dBu (2.45 V)*	+24 dBu (12.3 V)*	

* 0 dBu is referenced to 0.775 Vrms. ** 1=GND, 2=HOT, 3=COLD *** The GAIN control level displayed on the CS1D.

+48VDC (phantom power) is individually supplied to each input connectors. AD Conversion: 24 bit linear +4 bit floating, 128 times oversampling.

+48VDC(ファンタム電源)が各入力端子にそれぞれ供給されます。ADコンバージョン:24ビットリニア +4ビットフローティング、128倍オーバーサンプリング

■ LMY4-MLF

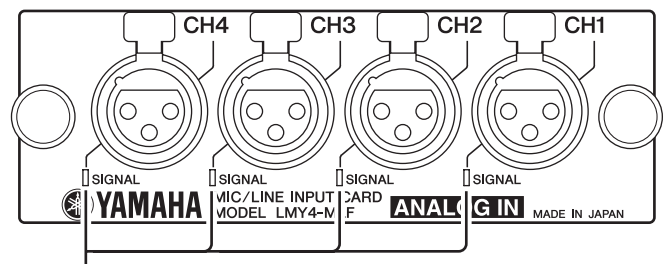
This is a four-channel analog input card. Set the input level in the range of -68 dB to +10 dB.

You can install up to eight cards in the analog input box AI8. PM1D system software prior to V1.70 recognizes this card as "Unknown" and cannot communicate with it. Be sure to use this card with PM1D V1.70 or higher.

4チャンネルのアナログ入力カードです。入力レベルは - 68 dB ~ + 10dB の範囲で設定します。

アナログインプットボックスAI8に8枚まで装着できます。

PM1D V1.70より前のシステムソフトウェアでは、カード名が「 Unknown 」と表示され、お使いいただけません。必ずPM1D V1.70以上のシステムでお使いください。



The green LED lights up at 34 dB before clipping. クリッピング手前34dBで緑色LEDが点灯

Input Terminals	GAIN***	Actual Load Impedance	For Use With Nominal	Input Level		Connector
				Nominal	Max. Before Clip	
CH1-4	-68 dB	3 kΩ	50-600 Ω Mics & 600 Ω Lines	-68 dBu (309 μV)*	-54 dBu (775 μV)*	XLR-3-31 type (Balanced)**
	+10 dB			+10 dBu (2.45 V)*	+24 dBu (12.3 V)*	

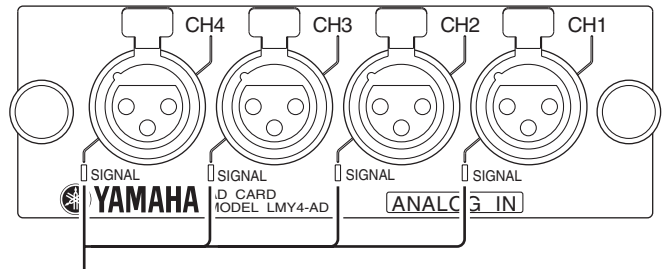
* 0 dBu is referenced to 0.775 Vrms. ** 1=GND, 2=HOT, 3=COLD *** The GAIN control level displayed on the CS1D.

+48VDC (phantom power) is individually supplied to each input connectors. AD Conversion: 24 bit linear, 128 times oversampling.

+48VDC(ファンタム電源)が各入力端子にそれぞれ供給されます。ADコンバージョン:24ビットリニア、128倍オーバーサンプリング

■ LMY4-AD

This is a four-channel analog input card.
 You can install up to eight cards in the analog input box AI8.
 4チャンネルのアナログ入力カードです。
 アナログインプットボックスAI8に8枚まで装着できます。



The green LED lights up at 34 dB before clipping.
 クリッピング手前34dBで緑色LEDが点灯

Input Terminals	Actual Load Impedance	For Use With Nominal	Input Level		Connector
			Nominal	Max. Before Clip	
CH 1-4	10 kΩ	600 Ω Lines	+10 dBu (2.45 V)*	+24 dBu (12.3 V)*	XLR-3-31 type (Balanced)**

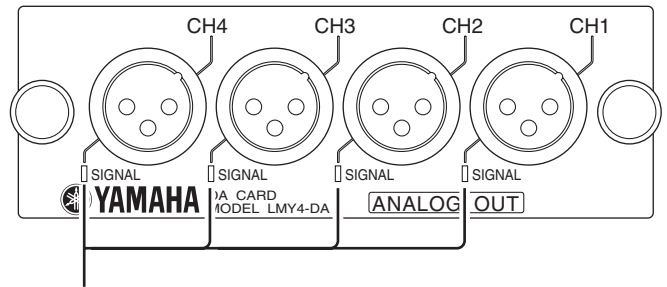
* 0 dBu is referenced to 0.775 Vrms. ** 1=GND, 2=HOT, 3=COLD

AD Conversion: 24 bit linear +4 bit floating, 128 times oversampling.

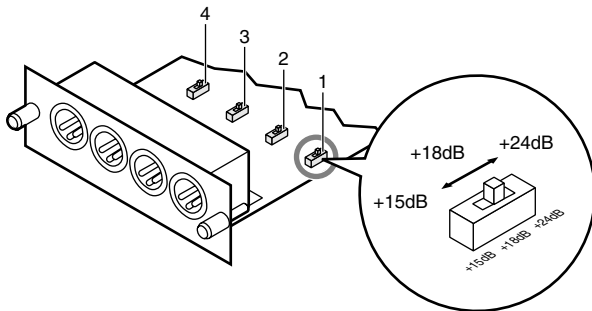
AD コンバージョン: 24ビットリニア +4ビットフローティング、128倍オーバーサンプリング

■ LMY4-DA

This is a four-channel analog output card. Set the maximum output level in the range of +15 dB to +24 dB. The factory default setting is +24 dB.
 You can install up to eight cards in the analog output box AO8.
 4チャンネルのアナログ出力カードです。最大出力レベルは +15 dB ~ +24 dBの範囲で設定します。工場出荷時は+24 dBです。
 アナログアウトプットボックスAO8に8枚まで装着できます。



The green LED lights up at 34 dB before clipping.
 クリッピング手前34dBで緑色LEDが点灯



Output Terminals	GAIN switch	Actual Source Impedance	For Use With Nominal	Output Level		Connector
				Nominal	Max. Before Clip	
CH 1-4	+24 dB	150 Ω	600 Ω Lines	+10 dBu (2.45 V)*	+24 dBu (12.3 V)*	XLR-3-32 type (Balanced)**
	+18 dB			+4 dBu (1.23 V)*	+18 dBu (6.16 V)*	
	+15 dB			+1 dBu (870 mV)*	+15 dBu (4.36 V)*	

* 0 dBu is referenced to 0.775 Vrms. ** 1=GND, 2=HOT, 3=COLD

DA Conversion: 24 bit linear +3 bit floating, 128 times oversampling.

DA コンバージョン: 24ビットリニア +3ビットフローティング、128倍オーバーサンプリング

For European Model

Purchaser/User Information specified in EN55103-1 and EN55103-2.
 Conformed Environment: E1, E2, E3 and E4

Yamaha Manual Library
<http://www2.yamaha.co.jp/manual/english/>

ヤマハマニュアルライブラリー
<http://www2.yamaha.co.jp/manual/japan/>

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FCC INFORMATION (U.S.A.)

1. **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.

2. **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.

3. **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

The above statements apply **ONLY** to those products distributed by Yamaha Corporation of America or its subsidiaries.

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, CA90620

* This applies only to products distributed by YAMAHA CORPORATION OF AMERICA.

(class B)

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.