

Overview

The PY64-MD audio interface card provides MADI connectivity, handling up to 64 input and 64 output channels of 96 kHz / 24-bit digital audio. The onboard sample rate converters allow interconnection between devices operating at different sampling rates.



Features

- Number of Channels: 64 in / 64 out
- MADI input: 2 BNC connectors with SRC (Up to 64 channels on each terminal)
- MADI Output: 2 BNC connectors with SRC (Up to 64 channels on each terminal)
- Dimensions (W x H x D): 100 mm x 40 mm x 141 mm (4.0" x 1.6" x 5.6")
- Net Weight: 0.2 kg (0.5 lb)

Specifications

General Specifications

Sampling Frequency Range

Terminal	Conditions	Min.	Typ.	Max.	Unit
MADI 1/2 IN MADI 1/2 OUT WCLK IN FOR SRC	44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz, 176.4 kHz, 192 kHz	-12.5	–	+12.5	%

Temperature Range

Conditions	Min.	Typ.	Max.	Unit
Operating Temperature Range	0	–	40	°C
Storage Temperature Range	-20	–	60	°C

Digital Input/Output Characteristics

Terminal	Format	Data Length	Connector	Channels
MADI 1/2 IN*1 MADI 1/2 OUT*1	MADI*2	24-bit	BNC	max. 64 ch
WCLK IN FOR SRC*3	–	–	BNC	–

*1. Use a coaxial cable with an impedance of 75 Ω.

*2. AES10-2008 compliant

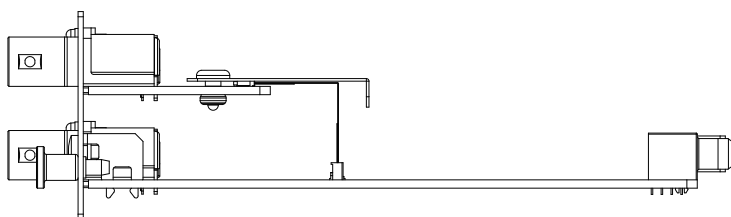
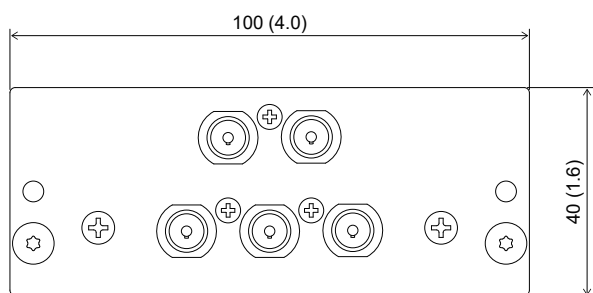
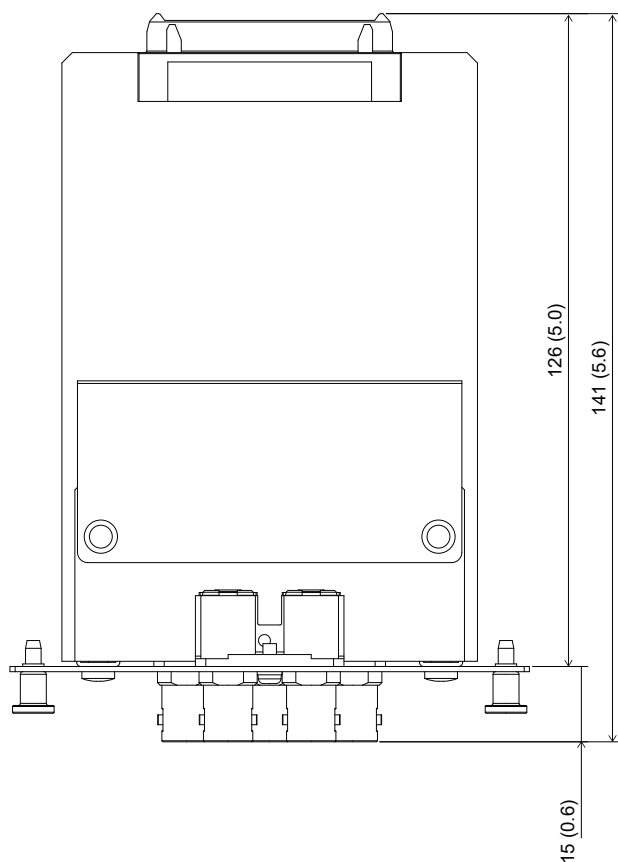
*3. TTL Level, 75 Ω terminated

Dimensions (W x H x D) and Net Weight

100 mm × 40 mm × 141 mm, 0.2 kg

Dimensions

Unit: mm (inch)



Components

- Digital Mixing Console DM7 Series

Architectural and Engineering Specifications for PY64-MD

The Yamaha PY64-MD shall be an audio interface card for use with a range of products including the DM7 series. It shall provide 64 input and 64 output channels of 24-bit digital audio in MADI format using BNC connections. Sample rates of 44.1kHz, 48kHz, 88.2kHz, 96kHz, 176.4kHz, 192kHz shall be supported and sample-rate converters shall be provided for both input and output signals. Two pairs of BNC connections shall be provided either for redundancy or for signal splitting. It shall include a WordClock input connection. Dimensions shall be 100 (W) x 40 (H) x 141 (D) mm. Weight shall be 0.2kg.

*All information subject to change without notice.

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