

Overview

The PY8-AE audio interface card provides AES / EBU connectivity, handling up to 8 input and 8 output channels of 96 kHz / 24-bit digital audio. The onboard sample rate converters for the input channels allow connection between devices operating at different sampling rates.



Features

- Number of Channels: 8 in / 8 out
- AES/EBU terminal: D-sub 25-hole chassis (8 in / 8 out)
- Dimensions (W x H x D): 100 mm x 40 mm x 135 mm (4.0" x 1.6" x 5.4")
- Net Weight: 0.2 kg (0.5 lb)

Specifications

General Specifications

Sampling Frequency Range

	Conditions	Min.	Typ.	Max.	Unit
OUTPUT	44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz	-200	–	+200	ppm
INPUT (SRC Off)	44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz	-200	–	+200	ppm
INPUT (SRC On)	–	40	–	102	kHz

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	Level	Connector	Balanced / Unbalanced	Channels
AES/EBU IN	AES/EBU	24-bit	RS422	D-sub 25-hole chassis*1	Balanced	8 ch
AES/EBU OUT						8 ch

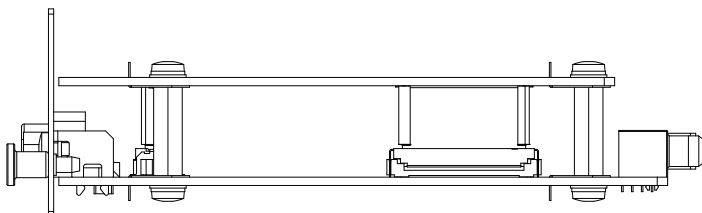
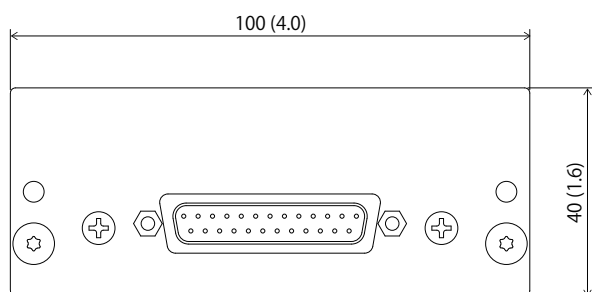
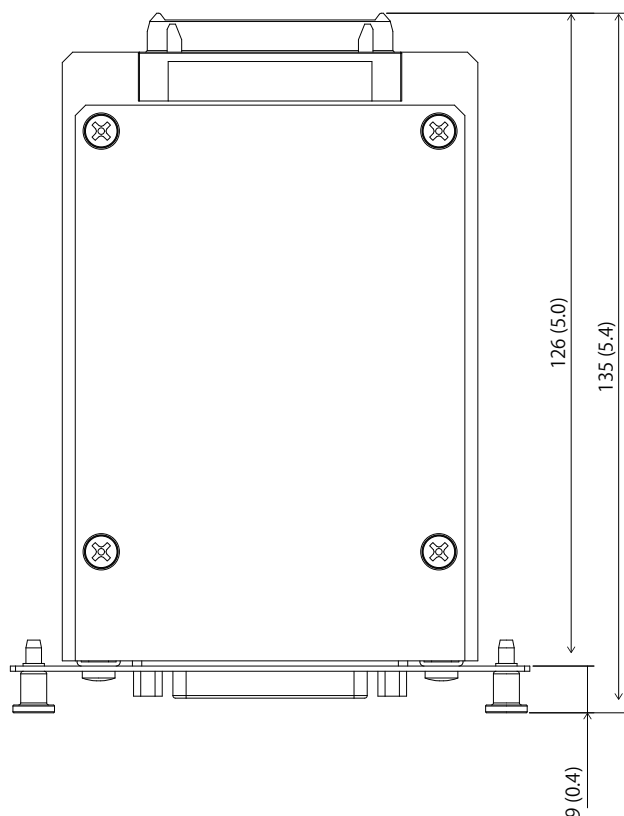
*1. Use a cable with an impedance of 110 Ω.

Dimensions (W x H x D) and Net Weight

100 mm x 40 mm x 135 mm, 0.2 kg

Dimensions

Unit: mm (inch)



Components

- Digital Mixing Console DM7 Series

Architectural and Engineering Specifications for PY8-AE

The Yamaha PY8-AE shall be an audio interface card for use with a range of products including the DM7 series. It shall provide 8 input and 8 output channels of 24-bit digital audio in AES/EBU format using a D-sub 25-hole connector. A sample-rate converter shall be switchable for each pair of inputs, supporting sample-rates of 44.1kHz, 48kHz, 88.2kHz and 96kHz. Dimensions shall be 100 (W) x 40 (H) x 135 (D) mm. Weight shall be 0.2kg.

*All information subject to change without notice.

*All trademarks and registered trademarks are property of their respective owners.

Created in March, 2024

YAMAHA CORPORATION
P.O.BOX 1, Hamamatsu Japan