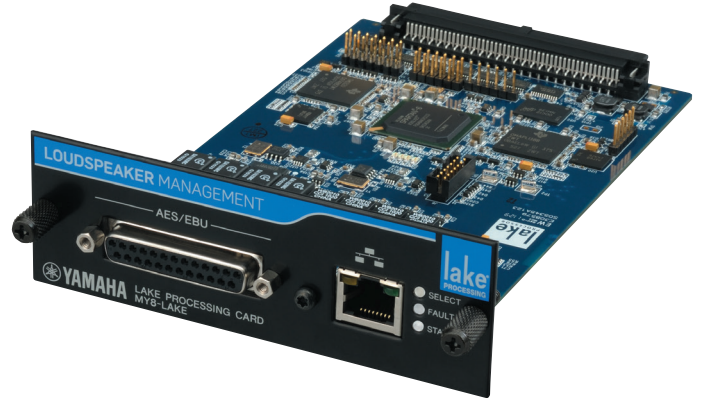## Overview

The MY8-LAKE is an optional LAKE Processing Card for compatible Yamaha digital mixing consoles and signal processors. It allow selection of an 8-in/8-out Mesa mode (system EQ), a 4-in/12-out Contour mode (crossover), or a combination of both for versatile processing.

Features

- 8-in/8-out Mesa mode (system EQ), 4-in/12-out Contour mode (crossover), or a combination of both for versatile processing.
- 96kHz internal processing, supporting 44.1kHz, 48kHz, and 88.2kHz sample rates.
- Compatible with Smaart sound system measurement software for efficient, effective speaker tuning.
- Flexible system setup via Yamaha digital mixer insert points and MY8-LAKE card AES/EBU connectors.
- Lake Controller software application allows comprehensive overall management of all Lake devices in the system.
- Over 1,000 speaker presets included for fast, accurate tuning with a wide range of systems.
- Dimensions: 120mm x 40mm x 176mm (4.7" x 1.6" x 6.9")

* Regarding Nexo speaker presets
  The Nexo presets included in Lake Controller preset library cannot be used with MY8-LAKE since Nexo loudspeakers are intended to be used only with Nexo TD Controllers.
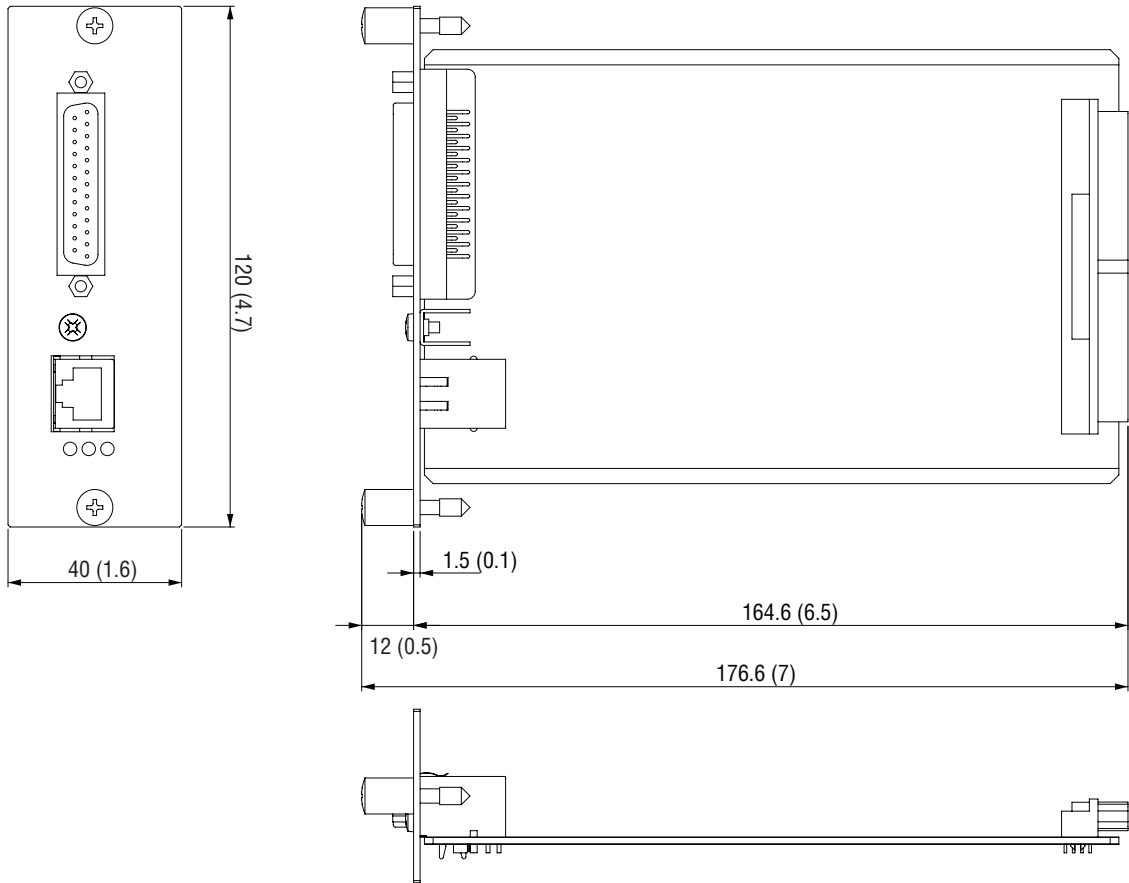
Specifications

General Specifications

Sampling Frequency	Mini-YGDAI I/F	44.1kHz, 48kHz, 88.2kHz, 96kHz
	AES/EBU Input/Output	
	Internal Operating Frequency	96 kHz
Signal Delay	Best case (synchronous 96kHz to synchronous 96kHz)	0.7185 ms
	from AES input to AES output via module (Contour or Mesa)	
Power Requirements		Maximum 3W
Temperature range	Operating	0 to 40 °C (32 to 104 °F)
	Storage	-20 to 60 °C (-4 to 140 °F)

I/O Characteristics

Terminal Name	Format	Datalength	Sampling Frequency	Level	Connector
AES/EBU (In/Out Ch 1-8)	AES/EBU	24bit	44.1kHz, 48kHz, 88.2kHz, 96kHz (I/O individually selectable per Ch)	RS422	D-sub 25 pin
NETWORK (Ethernet)	10Base-T/100Base-T	-	-	-	RJ-45

Dimensions

Unit: mm (inch)

120 (4.7)

40 (1.6)

1.5 (0.1)

164.6 (6.5)

12 (0.5)

176.6 (7)

Software

• Lake Controller

Architectural and Engineering Specifications

The MY8-LAKE shall be an optional LAKE Processing Card for compatible Yamaha digital mixing consoles and signal processors. It shall allow selection of an 8-in/8-out Mesa mode (system EQ), a 4-in/12-out Contour mode (crossover), or a combination of both for versatile processing. It shall employ 96 kHz internal processing and support 44.1 kHz, 48 kHz, and 88.2 kHz sample rates. One D-sub 25-pin connector and one RJ45 connector shall be provided. Dimensions shall be 120 (W) x 40 (H) x 176 (D) mm.