

## Overview

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The RY16-AE is a 16-channel digital AES/EBU I/O card for RIVAGE PM systems. Sampling rate converters (SRC) are provided on all input and output channels.



## Features

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- AES/EBU 16-channel digital I/Os.
- Sampling rate converter for both inputs and outputs.
- Dimensions (W x H x D): 405 x 42 x 258 mm
- Net Weight: 1.4 kg

## Specifications

### General Specifications

Measured with an RPi0622

### Frequency Response

	Conditions	Min.	Typ.	Max.	Unit
Frequency Range	Fs=44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz	-1000	-	+1000	ppm

### Temperature Range

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

### Digital Input/Output Characteristics

Terminal	Format	Data Length	Level	Connector
AES/EBU IN 1/2, 3/4, 5/6, 7/8, 9/10, 11/12, 13/14, 15/16 *1	AES/EBU	24 bit	RS422	XLR-3-31 type(Balanced) *2
AES/EBU OUT 1/2, 3/4, 5/6, 7/8, 9/10, 11/12, 13/14, 15/16 *1	AES/EBU Professional use	24 bit	RS422	XLR-3-32 type(Balanced) *2

\*1 Equipped with a sampling rate converter.

Input Sample Rate Range (FSI): 44.1kHz-4%-200ppm – 96kHz+4.1667%+200ppm

Output Sample Rate Range (FSO): 44.1kHz-4%-200ppm – 96kHz+4.1667%+200ppm

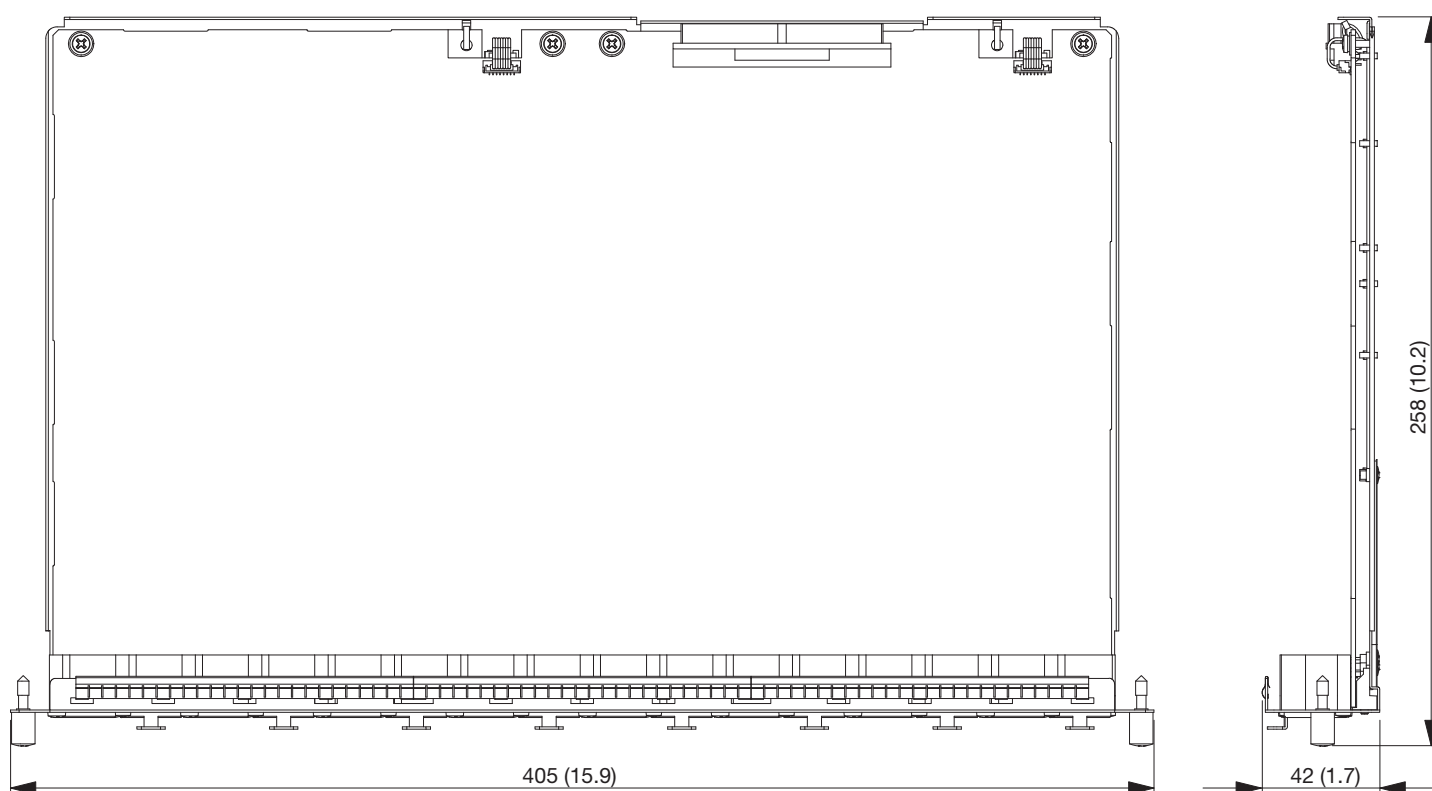
\*2 1=GND, 2=HOT, 3=COLD

### Others

<b>Dimensions (W x H x D), Weight</b>	405mm x 42mm x 258mm (16" x 1.7" x 10.2"), 1.4kg (3.1lbs)
<b>Accessories</b>	Owner's Manual

## Dimensions

Unit: mm (inch)



## Architectural and Engineering Specifications

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The Yamaha RY16-AE shall be an Audio Interface Card for use with the Yamaha RIVAGE PM Digital Mixing System. The RY16-AE shall have 16 channels AES/EBU digital I/Os and Sampling Rate Converter for both inputs and outputs. Dimensions shall be 405 (W) x 42 (H) x 258 (D) mm. Weight shall be 1.4 kg.

\*All information subject to change without notice.

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