

## Overview

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EXi8 input expander convert analog microphone/line audio to digital and transmits the signal using Yamaha's YDIF format. The EXi8's preamps can be controlled remotely from an MTX/MRX series processor via Ethernet cable.



Rear Panel

## Features

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- 8ch mic/line input, 16 digital I/O (via YDIF\*)
- Signal processor MTX/MRX series can expand YDIF\* equipped inputs with Exi8 input expander
- Easy setup and parameter control with MTX Editor

\* YDIF: the newly developed digital transmission format; a unique propriety Yamaha technology that delivers 16ch audio and word clock transmission via standard CAT5 Ether cable

## Specifications

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### Analog Input Specifications

Input Terminal	GAIN	Actual Load Impedance	For Use with Nominal	Input Level		Connector
				Nominal	Max. before Clip	
INPUT 1-8	+66dB	10k $\Omega$	50-600 $\Omega$ Mics & 600 $\Omega$ Lines	-62dBu	-42dBu	Euroblock
	-6dB			+10dBu	+30dBu	

### Digital Input And Output Specifications

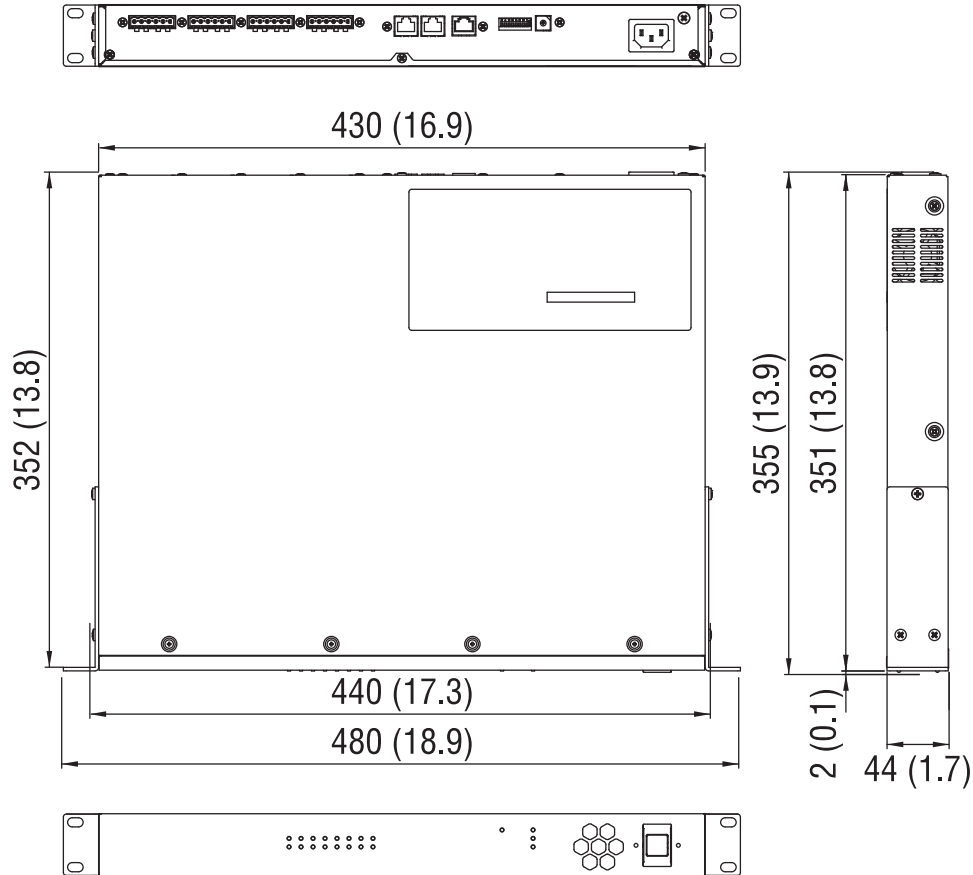
Terminal	Format	Level	IN/OUT	Connector
YDIF In	YDIF	RS-422	16 IN	RJ45
YDIF Out	YDIF	RS-422	16 OUT	RJ45

### Control I/O Specifications

Terminal	Format	Level	Connector
Network	Ethernet 100Base-TX	-	RJ-45

## Dimensions

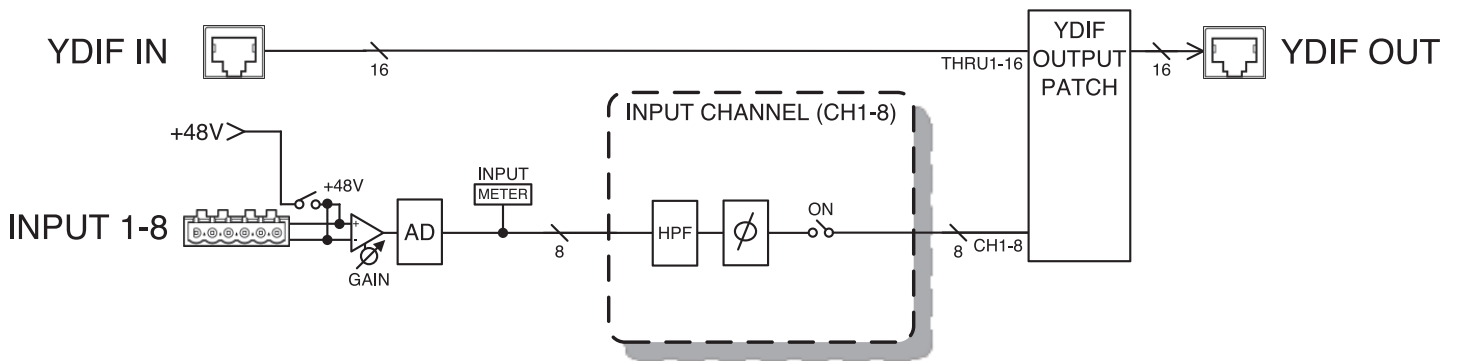
Unit: mm (inch)



## Software

- MTX-MRX Editor
- ProVisionaire Touch
- Wireless DCP

**Block Diagrams**



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