

NAI48-ES

Network Audio Interface



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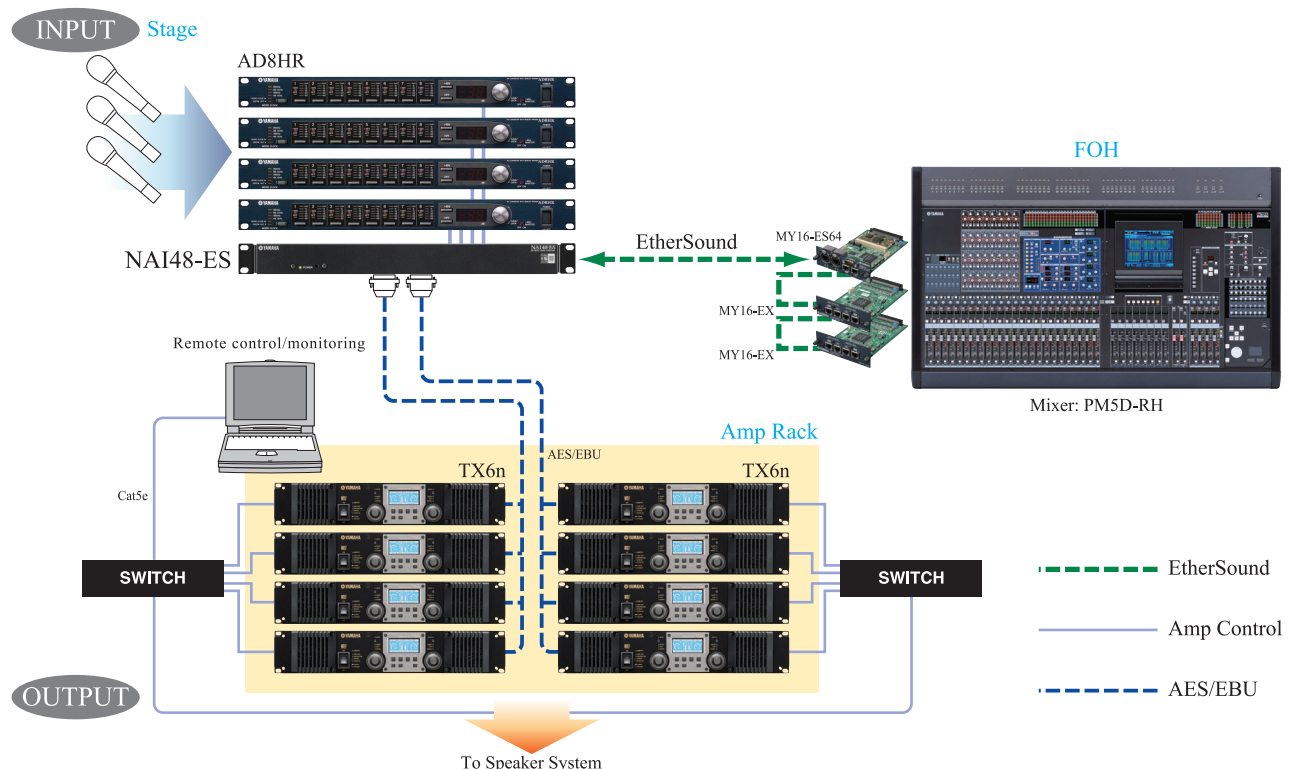
Rear Panel

Connect Yamaha digital mixing consoles or DME processors to remote head amps or AD/DA converters via EtherSound for analog interfacing wherever needed.

- Transfer up to 48 channels of digital audio between console and stage or any other location via a single CAT5e Ethernet cable at sampling rates up to 96 kHz.
- Eliminates noise problems that are unavoidable with conventional analog gear and multi-cable type setups, and dramatically reduces analog cable length for superior sound quality.
- 48 AES/EBU inputs and 48 AES/EBU outputs are provided via 25-pin D-sub connectors.
- Designed with Yamaha professional sound gear in mind: minimum setup hassle, trouble-free operation.
- An external power supply can be used in addition to the internal power supply for redundant failsafe operation.
- Use standard Ethernet hubs and routers to create any network configuration you need.

SYSTEM EXAMPLE

Live SR application using digital audio and AD8HR stagebox solution.

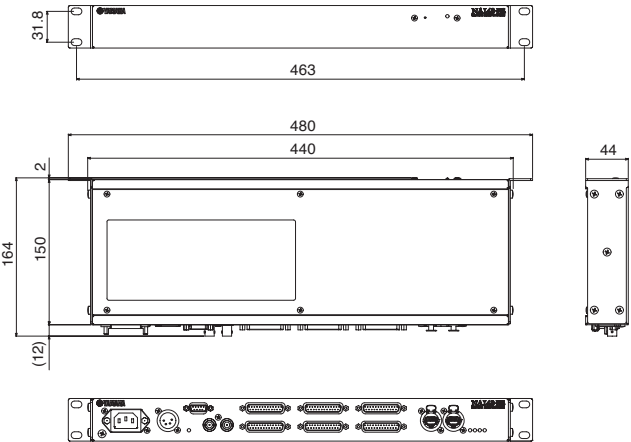


GENERAL SPECIFICATIONS

Sampling frequency	Normal rate: 42.9975 to 49.200kHz Double rate: 85.995 to 98.400kHz
Maximum I/O channel count	48 IN/48 OUT (44.1/48kHz), 32 IN/32 OUT (88.2/96kHz)
Phantom Power	+48V
Power requirements	AC100-240V 50/60Hz, and/or DC12V
Power consumption	12W
Dimensions (W x H x D)	480 x 44 x 150mm (18.9" x 1.73" x 5.9"), 1U
Weight	2.6kg (5.73lbs)

DIMENSIONS

unit : mm



DIGITAL I/O SPECIFICATIONS

Terminal	Format	Level	Connector
AES/EBU 1-6	IN	AES/EBU	RS422
	OUT		D-sub 25pin
EtherSound™	IN	EtherSound	100Base-TX
	OUT		RJ-45

CONTROL I/O SPECIFICATIONS

Terminal	Level	Connector
WORD CLOCK	IN	TTL/75Ω
	OUT	BNC Connector
HA REMOTE	RS422	D-Sub Connector 9P (Male)