SB168-ES

Stage Box

SB168-ES

Ether
ES
Sound

3U

Rear Panel

Versatile 16-in/8-out EtherSound stage box for various Yamaha digital mixers.

- An affordable 3U-size stage box that utilizes reliable, low-latency EtherSound technology for digital audio signal transmission.
- 16 channels of sonically superb remote analog input — each with its own mic/line head amp — plus 8 channels of analog output.
- Audio can be transferred over distances up to 100 meters via standard CAT5e Ethernet cables (maximum distance may depend on cable performance).
- The SB168-ES can be used as a general-purpose analog-EtherSound I/O box.
- Handles uncompressed 24-bit audio at 44.1 kHz and 48 kHz sampling rates.
- Internal head amplifier gain and +48V phantom power switching can be remotely controlled from a compatible digital mixing console or from the AuviTran™ AVS-ESMonitor software.
- Up to four SB168-ES units can be linked to provide a total of 64 inputs and 32 outputs (maximum number may depend on the mixing console used).
- An ideal choice for use with popular digital consoles such as the Yamaha PM5D, LS9, or M7CL.
- Compared to conventional analog console + analog multi-core systems the SB168-ES provides exceptionally high noise resistance and makes it possible to keep microphone cables short for optimum signal quality.
- Easy set-up reduces the time, effort, and cost of installation.

GENERAL SPECIFICATIONS

Mic inputs	16 (Remote HA)
Input channel functions	HPF, +48V DC
Output ports	8
Digital I/O	EtherSound IN/OUT
Maximum number of simultaneous use	4 units
Dimensions (W x H x D)	480 x 132 x 359.7mm (18.9" x 5.19" x 14.16"), 3U
Weight	8kg (17 lbs.)

ANALOG INPUT SPECIFICATIONS

Input Terminals	GAIN	Actual Load Impedance	For Use with Nominal	Input Level		Connector
				Nominal	Max. before clip	
INPUT 1-16	-62dB	3kΩ	50-600Ω Mic & 600Ω Line	-62dBu (0.616mV)	-42dBu (6.16mV)	XLR-3-31 type (Balanced)
	+10dB			+10dBu (2.45V)	+30dBu (24.5V)	

ANALOG OUTPUT SPECIFICATIONS

Output Terminals	Actual Load Impedance	For Use with Nominal	Max. Output Level (Selectable)	Output Level		Connector
				Nominal	Max. before clip	
OUTPUT 1-8	75Ω	600Ω Line	+24dB (default)	+4dBu (1.23V)	+24dBu (12.3V)	XLR-3-32 type (Balanced)
			+18dB	-2dBu (616mV)	+18dBu (6.16V)	

DIGITAL I/O SPECIFICATIONS

Terminal	Format	Data Length	Level	Connector
IN	EtherSound	24bit	100BASE-TX	EtherCON
OUT				

DIGITAL I/O SPECIFICATIONS

Terminal	Format	Level	Connector
NETWORK	IEE802.3	10BASE-T / 100BASE-TX	RJ-45

* Specifications and appearance subject to change without notice.

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DIMENSIONS

unit : mm