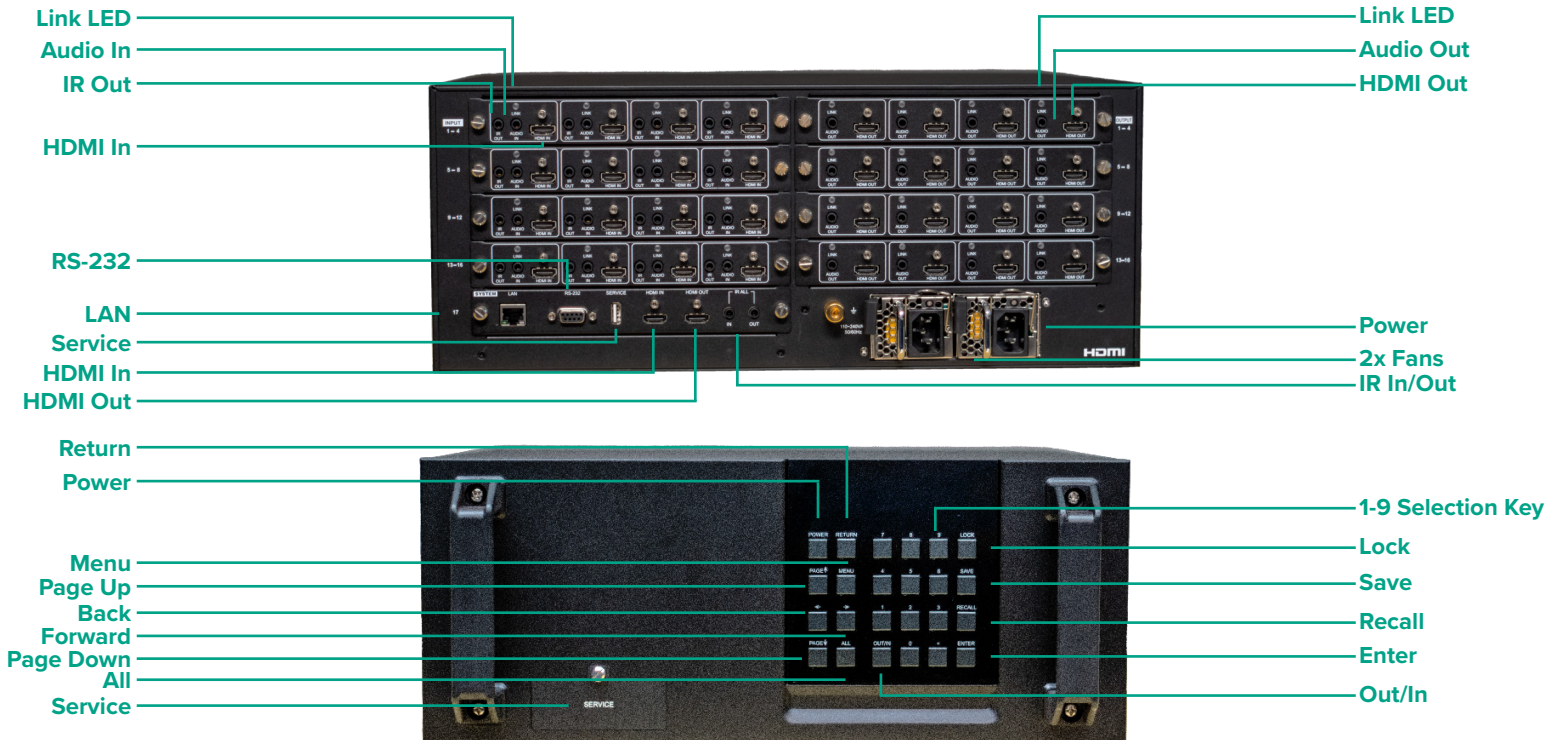


LinkBridge™ 16x16 18G/4K Modular HDMI Matrix Switcher

LBS-1616H2M



OVERVIEW

The LBS-1616H2M provides the ability to connect up to (16) 18G HDMI sources and up to (16) 18G HDMI displays and freely switch between them. A variety of I/O cards are available that offer four independent 18Gbps video signals simultaneously. This unit comes with full support for 18G resolutions up to and including 4K at 60Hz (4:4:4, 8-bit) as well as support for 10/12-bit Deep Color, HDR (High Dynamic Range). All ports support up to 7.1 channel LPCM digital audio and Bitstream/HD Bitstream audio formats. This unit provides an intuitive set of front panel controls with an LCD menu, WebGUI, Telnet, RS-232 or IR Remote Control.

FEATURES

- 4 input and 4 output card slots support 18Gbps, 4K UHD with HDR signals
- Up to 16 HDMI 4K UHD Inputs and outputs (up to 3840x2160@60Hz 4:4:4 & 4096x2160@60Hz 4:4:4)
- 1 system control card slot (supports one 4K UHD input and 4K UHD output port)
- Supports new HDCP 2.2 and 1.4 specifications for full compatibility with upcoming content
- Supports 3D pass-through
- Advanced EDID Management for rapid integration of sources and displays
- Field updatable firmware
- 3U rack mount design
- 2 hot-swappable, load sharing, redundant power supplies
- Integrated component failure alarm system
- 4-port HDMI Input, 4-port HDMI Output and 4-port HDMI Output with Scaler Cards available
- Scaler card supports 1080p to 4K upscaling and 4K to 1080p downscaling

SWITCHER

Input	One (1) 18G/4K HDMI Ports Four (4) Card Slots
Output	One (1) 18G/4K HDMI Ports Four (4) Card Slots
HDMI Compliance	2.0
Control	One (1) Input IR Port One (1) Output IR Port

INPUT CARD

Input	Four (4) 18G/4K HDMI Ports Four (4) Analog Stereo
HDMI Video	4096x2160@60Hz 8-bit YUV 4:4:4 HDR10
HDMI Audio	LPCM (8-Channels), Bitstream, HD Bitstream
HDMI Compliance	2.0
Analog Audio	2 Vrms, 50kOhm, unbalanced
IR	Four (4) Pass through IR Ports

OUTPUT CARD

Output	Four (4) 18G/4K HDMI Ports Four (4) Analog Stereo
HDMI Video	4096x2160@60Hz 8-bit YUV 4:4:4 HDR10
HDMI Audio	LPCM (8-Channels), Bitstream, HD Bitstream
HDMI Compliance	2.0
Analog Audio	2 Vrms max, 50-ohm, Unbalanced

CONTROL I/O

RS-232	1x up to 115200k baud
Connector	DB-9
Ethernet	100/1000BaseT
Connector	1x RJ-45

DIGITAL AUDIO

LPCM Max Channels	8
LPCM Sampling Rate KHz	32, 44.1, 48, 88.2, 96, 176.4, 192
Bitstream Supported Formats	Standard & Hi-Def

PHYSICAL SWITCH

Dimensions	19.06"(W) x 18.98" (D) x 6.97"(H)
Operating Temperature	0°C to 40°C
Humidity	0 to 95% RH, Non-Condensing
Power Supply	24V DC @ 6.25A Redundant Hot-Swappable

ORDER INFORMATION

LBS-1616H2M	LinkBridge™ 16x16 Matrix Switcher
LBS-4IN-H2	18G/4K HDMI Input Card
LBS-4OUT-H2	18G/4K HDMI Output Card
LBS-4OUT-H2-SCL	18G/4K HDMI upscaling/downscaling Output Card

PANEL DRAWING

