Shinybow SB-5645LCM 4x4 HDMI Matrix Routing Switcher with full EDID Managment/Learning

DESCRIPTION

The SB-5645LCM is our next-generation 4X4 HDMI Matrix Routing Switch, designed for multiple sources and displays. There are four HDMI connections for inputs and four HDMI connections for outputs located on the back panel. This unit has EDID management and EDID memory, including a new feature called "Fast Speed Start®" which permits switching between HDMI sources in as little as 2 seconds. The SB-5645LCM supports bandwidth of 6.75Gbps and data rates up to 2.5 Gbps, enabling 1080p HDMI formats and UXGA DVI resolutions. Building upon our successful 5645p series, the SB-5645LCM's front panel includes an LCD display with two data display lines. Functional manual control is achieved through push buttons located on the front panel. External functional control is achieved through a RS-232 connection or through the IR Remote Control. The RS-232 connection allows functions to be controlled by systems like Control4 (drivers included) or any computerized software/hardware control system. When using the SB-5645LCM Matrix Routing Switch, one-to-many or many-to-one connections can be established. You can easily connect any input device to any output device. You can also establish a single input device to many output devices, eliminating the need to constantly re-route video input and output cables.

FEATURES

- Signals Supported: HD 1080P-@60Hz, H36-bit Deep color, 3D (1.4a) formats.
- HDCP / CEC: HDCP 2.0 Compliant, CEC Compliant
- Video Bandwidth: Double Data Rates: 225Mhz, Total 6.75Gbps bandwidth
- Digital Video Supported:
  - Full HD resolution: 480i / 480p / 720p / 1080i / 1080p
  - Digital Audio Supported:
    - Multi Audio Formats 5.1 / 7.1, MAT(MLP)
    - Dolby Digital
    - Dolby TrueHD
    - Dolby Digital Plus
    - DTS, DTS-ES 6.1
    - DTS-HD, DTS-HD-HRA, DTS-HD Master
    - (PCM-2CH)
- Controls:
  - IR Wireless Remote Controller
  - IR External port x 1 (OD 3.5mm Ear phone Jack)
  - Front panel buttons
  - RS-232
- IR Extender Distance: 1,000 feet
- Infrared Frequency: 38KHz
- Safety Approvals: CE, FCC, RoHS(2002/95/EC)
- Switcher Size (WxDxH): 19* x 9.85 x 1.75 inches (*with rackmount bracket) (482mm x 250mm x 44mm)
- RS-232 Cable: Straight thru, 6 feet, 9D-M to 9D-F
- Enviornemtn: Operational; 32 F - 100 F (0 C - 38 C)
- Power Source: Output; 12VDC 3A, Input; 100-240VAC, 50-60Hz 1.2A

WHAT'S INCLUDED

- SB-5645LCM Matrix Routing Switcher
- Wireless Remote Control w/ batteries
- Rack Mount Kit
- IR Extender (SB-100)
- RS-232 driver CD (All Windows Operating Systems)
- RS-232 Cable
- Users Guide
- AC/DC Adapter: 12VDC, 3A