

## Shinybow SB-5645 4x4 HDMI MATRIX ROUTING SWITCHER

The SB-5645 is a 4x4 HDMI Matrix Switcher that switches 4 HDMI Inputs to 4 HDMI Outputs. SB-5645 is a high-performance matrix routing switcher for HDMI signals. offering flawless and seamless switching and crystal-clear distribution of all HDTV video formats. SB-5645 accepts up to four different input sources and you can seamlessly switch (select) any of these inputs to drive 4 outputs, without any signal degradation. It is universally compatible with all HDTV formats: 480i, 576i, 480p, 576p, 1080i, 720p and 1080p. This switcher supports data rates up to 2.5 Gbps, enabling 1080p HDMI formats and UXGA DVI resolutions. The SB-5645 is certified as being fully HDMI and HDCP compliant, with RoHS, CE, and FCC certifications.

SB-5645 is a versatile and compact State of the Art switcher of choice when you need high-quality and reliable switching. The Switch can be controlled by its front-panel manual control button, or IR remote, and convenient front-panel LED's indicate which input has been selected for both outputs.

### Features

- Inputs: 4 x HDMI
- Outputs: 4 x HDMI
- Maintains 480i, 480p, 576i, 576p, 720i, 720p, 1080i and 1080p resolutions
- Supports Digital Video TMDS formats in Deep Color 12bits.
- Discrete IR remote (included)
- Easy to install as either desktop or provided rack mount brackets.

### Specifications

- Input Signal: Video TDMS 0.5 ` 1.0Vpp, DDC 5Vpp
- Signals Supported: HDMI Standard, DVI and HDCP Compliant
- Video Supported: 1080p HDMI formats and DVI UXGA 1600x1200 HD resolutions:
- Audio Supported: DTS-HD Master Audio, Dolby True-HD & Dolby Digital Plus
- Various video input interface supporting digital video standards such as:
  - RGB/YCbCr: 24/30/36 bits
  - YCbCr:8/10/12/16/20/24 bits
  - Double data rate interface for RGB/YCbCr: 12/15/18 bits
- Controls: IR, IR EXT, front panel, wireless remote, RS-232
- Data Rates: 250Mbps to 2.5Gbps
- IR Extender Distance: 1,000 feet
- Infrared Frequency: 38KHz
- Safety Approvals: CE, FCC, RoHS(2002/95/EC)
- Power Consumption: 12VDC 1600mA
- Switcher Size: (WxDxH) 19\* x 7.87 x 1.75 inches (\*with rack mount bracket)

### Package Includes:

- SB-5645 Matrix Routing Switcher
- Users Guide
- AC/DC Adapter: 12VDC, 2A
- Wireless Remote Control w/batteries
- Rack Mount Kit