Shinybow SB-5669CKP-8x35R5-Kit 16x16 4K UHD HDBaseT PoH Matrix Switcher Kit/ SB-5669CKP Switch/8 x SB-6335R5 Receivers

SB-5669CKP-8x35R5-Kit includes: 1 x SB-5669CKP (16x16 HDBaseT PoH UHD 4K2K Matrix Routing Switch), 8 x SB-6335R5 (5-Play HDBaseT PoH RECEIVER up to 330 Feet)

SB-5669CKP - 16x16 HDBaseT PoH UHD 4K2K Matrix Routing Switch

The SB-5669CKP is a professional 16x16 matrix routing switch. Supporting (16) HDMI Inputs and (16) HDMI Outputs & (16) HDBaseT™ Outputs with PoH. The SB- 5669CKP is based on the HDBaseT™ standards and supports full resolution HDMI video with embedded HDCP, RS-232 and Bi-directional IR all over a single CAT6/6a/7 category cable. With a signal bandwidth of 340Mhz, there is no signal degradation. High definition digital signals can be selected from any of the (16) Inputs and distributed to any of the Outputs simultaneously (HDBaseT & HDMI channel outputs are mirrored). The switcher is fully CEC, HDCP 1.3, HDMI1.4a certified with HDMI 4K2K@30Hz, DVI 1.0, 3D formats and a wide frequency range of 25MHz~340MHz. Supports UXGA/WUXGA/DVI 1920x1200 resolutions to any HD display. The SB-5669CKP has (16) HDMI connector Inputs and (16) HDBaseT™ (PoH) & (16) HDMI Outputs (mirrored signal on both outputs). Using the HDBaseT™ output remote transmitter, it will allow you to connect a source in a remote location. Likewise, the HDBaseT™ Output and our HDBaseT™ receiver, allows you to connect a display in a remote location. EDID management can be selected between (7) different modes. Control is provided via front panel push buttons, IR remote, RS-232 or TCP/IP (not a web- browser). A RS-232 Windows GUI interface is provided for matrix routing control (Windows only).

Features:

- Enables switching of (16) HDMI digital source devices to (16) HDMI devices and (16) HDBaseT™ Transmitter Outputs (PoH) to (32) total destinations
- New IR Matrix Source Routing Control
- HDBaseT™ specifications with Bi-Directional IR, RS-232, Multi audio format and HD video signals over single CAT6/6a/7 category cable
- HDMI digital video w/ embedded HDCP, DVI format and CEC/HDCP 2.0 compliant
- Worldwide EDID control modes for HDMI full 4K2K HD Video resolutions
- Wide frequency range of 25MHz ~ 340MHz, Supports HDMI 4K2K@30Hz, HDMI 1.4a
- Wide range of HD resolutions from PC XGA to WUXGA 1920x1200 and HDTV/DTV HDMI resolutions 480i/480p, 576i/576p, 720p, 1080i/p & 4K2K (24/30Hz)
- Compatible with all HDMI source devices, PC monitors, Plasma HD displays, HDTVs and audio receivers or audio amplifiers
- Digital video TMDS formats resolutions up to 4K2K with Deep color 36-bit
- Digital audio support digital multi-channel audio: Dolby TrueHD, Dolby Digital, Dolby Digital Plug/ex, DTS, DTS-HD, DTS-HD Master, DTS-EX, PCM, PCM2, LPCM2
- HDBaseT™ supports IR remotes and RS-232 signals over a single CAT6/6a/7 category cable
- Various User Interface Controls:
  - Windows based GUI control via RS-232 port interface WIN2000/XP/WIN7-32/WIN7-64
  - Front panel push buttons
  - IR wireless remote controls
  - Ethernet switch control (via pc protocol commands)
  - Third party RS-232 control (via simple ASCII)
- Supports (7) world wide control function keys: Full function front panel controls: ALL / OFF / EDID / LOCK / RECALL / MEMORY / ENTER
- Supports EDID Modes:
  - a. Embedded EDID Modes: FSS® (Fast Speed Start®) / H24-3D/ H24-3D-M/ H36- 3D/ H36-3D-M/ 4K2K-3D / DVI-D 1920x1200-60Hz
  - b. External Modes: Learning mode (learning destination EDID link to source device)
- Automatic scanning input & output status via LCM showout on front panel
- Using the build-in booster, each HDMI Output port is capable of driving cable lengths of 1080p up to 98 ft (30M) & 4K2K up to 66 ft (20M)
- Supports IR remotes and IR extenders for a distance of up to ~ 984 ft (300M) Maximum
- Supports universal power adaptor AC100V~AC240V, 50/60Hz

SB-6335R5 - 5-Play HDBaseT PoH RECEIVER up to 330 Feet

The SB-6335R5 HDBaseT™ Receiver can receive HDMI, IR remote in/out, RS-232 in/out, Ethernet and PoH (power over HDBaseT™) from a HDBaseT™ transmitter via a single category cable for long distances up to 928 feet (100M) maximum. The SB-6335R5 uses CAT6, CAT6a or CAT7 (UTP or FTP) category cable with RJ- 45 8P8C connectors and supports the 568a or 568b color specification table. This SB- 6335R5 receiver provides higher quality full HD HDMI resolutions of 480i/p, 720p, 1080i/p that is identical to the source and to the HD destination display. HDBaseT™ receivers control signals are received via a category cable from the HDBaseT™ Transmitter.

Inputs:

- (1) HDMI with Digital Video (TMDS)/Audio 0.5~1.0Vpp, DDC 5Vpp

Outputs:

- (1) RS-232
- (1) HDMI

- (1) IR EXT port

Features:

- HDBaseT™ HDMI Receiver over single CAT6/6a/7 category LAN cable
- Extends HDMI, IR in/out, RS-232 in/out and (2) Ethernet ports, HDCP compliant
- Supports CAT6, CAT6a and CAT7 UTP/FTP category cable
- Supports link speeds of up to 3.4Gbps
- Supports digital RGB 36bits, V1.4a HDMI TMDS format
- Extends higher quality DVI video for 1920x1200 resolutions
- Supports HD High Definition full range resolutions of 480p, 720p 1080i/1080p
- Supports long distances up to 328 ft/100M between the HDBaseT™ Transmitter and HDBaseT™ Receiver
- Supports wall mount and rack mount installation for 19 inch 4U rack mount
- Supports DC input power with low power consumption (Full load 850mA)
- Optional universal power supply switch 50/60Hz,100~240VAC