

Shinybow SB-5688CAP-8x35R5-Kit 8x8 4K UHD HDBaseT PoH Matrix Switcher Kit/1 x SB-5688CAP Switch/8 x SB-6335R5 Receivers

SB-5688CAP-8x35R5-Kit includes: 1 x SB-5688CAP (8x8 HDBaseT PoH UHD 4K2K Matrix Routing Switch), 8 x SB-6335R5 (5-Play HDBaseT PoH RECEIVER up to 330 Feet)

SB-5688CAP - 8x8 HDBaseT PoH UHD 4K2K Matrix Routing Switch

The SB-5688CAP is a professional 8x8 matrix routing switch with PoH (Power Over HDBaseT™). Supporting (8) HDMI and (8) Auxiliary Audio Inputs and (8) HDMI, (8) SPDIF and (8) HDBaseT™ (PoH) Outputs. The SB-5688CAP is based on the HDBaseT™ standards and supports full HDMI video resolution with embedded EDID and PoH function, Audio, RS-232, Ethernet and bi-directional IR, all over a single category cable. With a signal bandwidth of 340Mhz, so there is no signal degradation. High Definition Digital signals can be selected and distributed to any (8) inputs to the (16) outputs simultaneously (channel outputs mirrored). The switcher is certified as being fully CEC, ARC and HDCP 2.0 compliant, full HD 4K2K HDMI V1.4a 3D formats, with data rates up to 6.75Gbps. Using the build-in booster, each HDMI output port is capable of driving cable lengths for 1080p up to 98 ft (30M) & 4K2K up to 66 ft (20M). Supports UXGA/WUXGA/DVI 1920x1200 resolutions to any HD display. The SB-5688CAP has (1) HDMI and Auxiliary Audio (analog stereo audio) connector per input, effectively making this an (8) In by (16) Out switcher (same signal on both outputs). Using the IR remote, the switcher's HDBaseT™ Extender Transmitter (Tx) allows 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. The 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:

- (8) HDMI with Auxiliary Audio (Analog Audio) player devices matrix switched to (8) HDMI with S/PDIF outputs and (8) HDBaseT™ Transmitter with PoH output to (8) destinations
- Application HDBaseT™ specification with PoH 48VDC, IR, RS-232, Multi Audio Format and HD
- Video Signals over one CAT6/6a/7 category cable
- HDMI digital video w/ embedded HDCP, DVI format and CEC/HDCP 2.0 compliant
- Worldwide control EDID modes for HDMI full 4K2K (24/30Hz) HD video resolutions
- Link speeds of up to 6.75Gbps (link clock rate of 340MHz), Supports HDMI 4K2K, 1.4a 3D formats
- 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, HDTV and audio receivers or audio amplifiers
- Digital video TMDS formats resolutions up to 4K2K with Deep color 36-bit
- Digital Audio Support: Dolby TrueHD, Dolby Digital, Dolby Digital Plug/ex, DTS, DTS-HD, DTS-HD Master, DTS-EX, PCM, PCM2, LPCM2
- Audio Input: Supports Auxiliary Audio (analog stereo audio)
- Audio Output: Support Digital Audio ARC or Digital Audio S/PDIF (from HDMI source or Auxiliary Audio)
- Various User Interface controls:
 - Windows based GUI control via RS-232 port
 - Front panel push button
 - IR wireless remote control
 - Ethernet Switch control
 - Third party RS-232 control (via simple ASCII)
- Support world wide (9) control function keys:
 - Full function front panel controls: ARC/AUX/ALL/OFF/EDID/LOCK/RECALL/MEMORY/ ENTER
- Support EDID Modes:
 - a. (7) Embedded EDID Modes: FSS/H24-3D/H24-3D-M/H36-3D/H36-3D-M/4K2K-3D/DVI-D 1920x1200-60Hz
 - b. External Modes: Learning mode-1 (Single Learning) & Learning mode-2 (Multiple Learning)
- Automatic scanning input & output status via LCM show on front panel
- Using the build-in booster, each HDMI output port is capable of driving cable lengths for 1080p up to 98 ft (30M) & 4K2K up to 66 ft (20M)
- Supports IR Remote and IR Extender with distance up to ~984 ft (300M) Maximum
- Supports Universal power adaptor AC90V~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