

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 - 8x8 HDBaseT PoH UHD 4K2K Matrix Routing Switch

- **Type of HDMI Switcher:** (8) Inputs to (8) Outputs HDMI over HDBaseT™ Matrix Switch with Audio and Extension
- **HDMI Support:** HDMI 4K2K, 1080p@60Hz, H36-bit Deep color, 3D of HDMI V1.4 formats
- **HDBaseT™ Support:** Bi-directional IR, RS-232, Multi format Audio, Ethernet and PoH function, over one CATx cable
- **HDCP/CEC Support:** HDCP 2.0 Compliant, CEC Compliant
- **Video Bandwidth:** Double Data Rates: 340Mhz, Total 6.75Gbps bandwidth
- **Digital Video Support:** HD: 480i/480p/720p/1080i/p and 4K2K up to 36bit deep color
- **Inputs:**
 - **Video Inputs (HDMI):** (8) HDMI (HDMI or DVI digital source)
 - **Audio Input:** (8) Audio (Analog Stereo, AUX port 3.5mm Jack)
- **Outputs:**
 - **Video Outputs (HDMI):**
 - **HDMI:** (8) HDMI (to Destination)
 - **HDBaseT:** (8) HDBaseT™ Transmitter (with PoH 48VDC via category cable & RJ-45 connector)
 - **Audio Output:**
 - **(8) S/PDIF:** Multi Audio Formats 5.1 from HDMI or LPCM-2CH from Auxiliary audio
 - **(8) ARC:** TV Return Channel Audio
 - **(8) HDMI:** Multi Audio Formats 5.1/7.1, MAT (MLP), Dolby Digital, Dolby TrueHD, Dolby Digital Plus, DTS, DTS-ES 6CH, DTS-HD, DTS-HD-HRA, DTS- HD Master, (PCM-2CH)
- **HDBaseT™ Control In:**
 - (8) IR In (Sends IR signals to (8) Rooms via HDBaseT™ Transmitter)
 - (1) ALL IR In (Sends IR Signals to (8) Rooms - via HDBaseT™ Transmitter)
- **HDBaseT™ Control Out:**
 - (8) IR Out (Links to Receive IR signals from (8) Rooms via HDBaseT™ Extender)
 - (1) ALL IR Out (Links to Receive IR signals from (8) Rooms via HDBaseT™ Extender)
 - (1) LAN (All Switcher HDBaseT™ Transmitter Ethernets link to the HDBaseT™ Receiver)
- **HDBaseT Control I/O:**
 - (8) RS-232 I/O (Controls (8) Room RS-232 via the switchers HDBaseT™ Extender Tx)
- **Switch Controls:**
 - Select & Function buttons on front panel (Data status via LCM panel show out)
 - IR Remote Control (switch control)
 - (8) IR Room Remote Controls (switch control)
 - IR External port (switch control via 3.5mm OD Jack)
 - RS-232 series interface (switch control)
 - Ethernet series interface (switch control)
- **Source Status:** Input status LEDs indicates presence of a live signal
- **(25) Function Control Keys:** 1. ARC, 2. AUX, 3. ALL, 4. OFF, 5. RECALL, 6. ENTER, 7. MEMORY, 8. LOCK, 9. EDID, 10. Destination button 1 thru 8, 11. Source button 1 thru 8
- **(7) EDID management:**
 - Select Embedded EDID Modes: Mode1: FSS, Mode2: H24-3D, Mode3: H24-3D-M, Mode4: H36-3D, Mode5: H36-3D-M, Mode6: 4K2K-3D, PCM-2CH, Mode7: DVI-D 1920x1200
 - Select LEARNING Mode: Learning Destination EDID to Link Source. Learning mode-1 (Single Learning), Learning mode-2 (Multiple Learning)
- **Infrared Frequency:** 38Khz
- **IR External Distance:** ~984 ft/300M maximum
- **HDBaseT™ Extender Distance:** ~328 ft/100M maximum
- **HDMI I/O Connector:** HDMI Type A-SMD 19pin female type
- **Temperature:** 32°F-100°F Operation (0°C- 38°C)
- **Dimensions (LxWxH):** 17.5 x 12 x 3.5 in
- **Rack Mount:** 2RU High 19 in Rack Mount #2U-440L (with rack mount)
- **Power Supply:** AC 100~240VAC 50/60Hz (Power Consumption: 10A Maximum)
- **Safety Approvals:** CE, FCC, RoHS, REACH
- **Weight:** 14.6 lb (Unit only) / 20.3 lb (Net)
- **Shipping Weight:** 10.4 Kg/23 lb

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

- **Type of Extender:** HDBaseT™ Receiver for HDMI signal over a category LAN Cable
- **Input Signals:** HDMI with Digital Video (TMDS)/Audio 0.5~1.0Vpp, DDC 5Vpp
- **HDBaseT™ Supportd:** HDMI Standard, DVI and HDCP Compliant
- **Video Supported:** HDMI and DVI TMDS formats for 1920x1200 resolutions up to 3.4Gbps Digital RGB 36bits deep color, 3D 1.4a HDMI format
- **HDMI Audio Out Supports:** Multi-channel 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)

- **PoH Supported:** HDBaseT™ Receiver with PoH (power over HDBaseT™)
- **Category Cable Supported:** CAT6, CAT6a, CAT7 UTP/FTP cable
- **Supportd HDMI Resolutiond:** 480p, 720p, 1080i/1080p
- **Scan Rate Accepted:** Supports HDMI full HD Resolutions; Frequency 24Hz to 60Hz
- **Control:** (1) IR in/out, (1) IR in/out, (1) RS-232 and (1) LAN series interface
- **IR Infrared Frequency:** 38KHz
- **Extender Distance:** Up to 100M (CAT6)
- **Safety Approvals:** CE, FCC, VCCI, REACH & WEEE
- **Dimensions (LxWxH):** 5.31 x 5.11 x 1 in (135x130x26mm)
- **Rack Mount:** Uses a total of 10 pcs installed into one 19 inch rack mount
- **Weight:** 1.1 lb (Unit only) / 2.0 lb (Net)
- **Power Consumption:** Max 850mA (Full load 1080p-60Hz signal with use DC12V input)
- **Power Supply:** *Optional* Power Input +12VDC, 2A, (Universal Type 50/60Hz, 100~240VAC)