

Shinybow SB-5688CAP 8x8 HDMI HDBaseT PoH UHD 4k2k Matrix Routing Switch w/ EDID

- Type of HDMI Switcher: 8x inputs to 8x 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): 8x HDMI (HDMI or DVI digital source)
 - Audio Input: 8x Audio (Analog Stereo, AUX port. 3.5mm Jack)
- Outputs:
 - Video Outputs (HDMI):
 - HDMI: 8x HDMI (to Destination)
 - HDBaseT: 8x HDBaseT Transmitter (with PoH 48VDC via category cable & RJ-45 connector)
 - Audio Output:
 - 8x S/PDIF: Multi Audio Formats 5.1 from HDMI or LPCM-2CH from Auxiliary audio
 - 8x ARC: TV Return Channel Audio
 - 8x 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:
 - 8x IR in (Send IR signals To 8x Rooms via HDBaseT Transmitter)
 - 1x ALL IR in (Send IR Signals To 8x Rooms - Via HDBaseT Transmitter)
- HDBaseT Control Out:
 - 8x IR out (Link to Receive IR signals from 8x Rooms via HDBaseT Extender)
 - 1x ALL IR out (Link to Receive IR signals from 8x Rooms via HDBaseT Extender)
 - 1x LAN (All Switcher HDBaseT Transmitter Ethernet link to HDBaseT Receiver)
- HDBaseT Control I/O:
 - 8x RS-232 I/O (Control 8x Rooms RS-232 via Switcher HDBaseT Extender Tx)
- Switch Controls:
 - 1x Select & Function buttons on front panel (Data status via LCM panel show out)
 - 1x IR Remote Controller (switch control)
 - 8x IR Room Remote Controller (switch control)
 - 1x IR External port (switch control via 3.5mm OD Jack)
 - 1x RS-232 series interface (switch control)
 - 1x 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 1920x1200-60Hz
 - Select LEARNING mode:
 - Learning Destination EDID to Link Source. Learning mode-1 (Single Learning), Learning mode-2 (Multiple Learning)
- Infrared Frequency: 38 Khz
- IR External Distance: ~984 ft / 300 m maximum
- HDBaseT Extender Distance: ~328 ft / 100 m maximum
- HDMI I/O Connector: HDMI Type A - SMD 19pin Female Type
- Temperature: 32F - 100F Operation (0C - 38C)
- Dimensions (LxWxH): 19 x 9.85 x 3.46 in (482mm x 250mm x 88mm)
- Rack Mount: 2RU High 19 in Rack Mount #2U-440L (with rack mount)
- Power Supply: AC 100~240 VAC 50/60Hz (Power Consumption: 10A Maximum)
- Safety Approvals: CE, FCC, RoHS, REACH
- Product Weight: 3.85 Kgs / 8.47 lb