

Shinybow SB-5648K 4x8 UHD 4K2K/30Hz HDMI Matrix Routing with Full EDID Management/Learning

The SB-5648K is professional 4x8 matrix routing switch. Supporting (4) HDMI Inputs and (8) HDMI and (1) Preview Output (same as Output-01) Outputs. The SB-5648K is based on the HDMI standards and supports full resolution HDMI Video with embedded EDID. With a signal bandwidth of 340MHz, there is no signal degradation. High Definition Digital signals can be selected and distributed to any (4) Inputs to the (8) outputs simultaneously. The switcher is certified as being fully CEC and HDCP 1.3 compliant, full HD HDMI V1.4a 3D formats with data rates up to 6.75Gbps. Supports UXGA/WUXGA/DVI 1920x1200 resolution to any HD display. This switcher is certified as being fully HDMI and HDCP 1.3 compliant, with RoHS, CE, FCC certifications. Supports high resolution HDMI sources routed to HDMI displays, monitors, projector or audio receivers. EDID management can be selected between (8) 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). This product has a 3 year warranty.

Features

- (4) HDMI source devices matrix switched to (8) HDMI Outputs + (1) Preview Output destinations
- HDMI digital video w/ embedded HDCP, DVI formats and CEC/HDCP 1.3 compliant
- Worldwide EDID control modes for HDMI full 4K2K@30Hz HD Video resolutions
- Wide frequency range: 25MHz ~ 340MHz, Supports HDMI 4K2K@30Hz, 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 display, HDTV and audio receivers or audio amplifiers
- Digital Video TMDS formats resolutions up to 4K2K@30Hz with Deep color 36-bit
- 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)
- Digital Audio supports 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 supports digital audio ARC or digital audio S/PDIF (from a HDMI source or Auxiliary Audio)
- Various User Interface Controls:
 - Windows based GUI control via RS-232 interface control driver for 2000/XP/ WIN7-32/WIN7-64/WIN8
 - Front panel push buttons
 - IR remote control
 - Ethernet switch control
 - 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
- Supported EDID Modes:
 - Embedded EDID modes: FSS/ H24-3D/ H24-3D-M/ H36-3D/ H36-3D-M/ 4K2K-3D / DVI- D 1920x1200-60Hz
 - External modes: Learning Mode-1 (Single Learning) & Learning Mode-2 (Multiple Learning)
- Automatic scanning of input & output status via LCM display on the front panel
- Supports IR remote and IR extender for distances up to ~ 984 ft (300M) maximum
- Supports universal power adaptor 12VDC, 5A, (AC100V~AC240V, 50/60Hz)