



MS-HBT88B70 KIT HDBaseT 8×8 Matrix Switcher over CAT6/6a



Overview

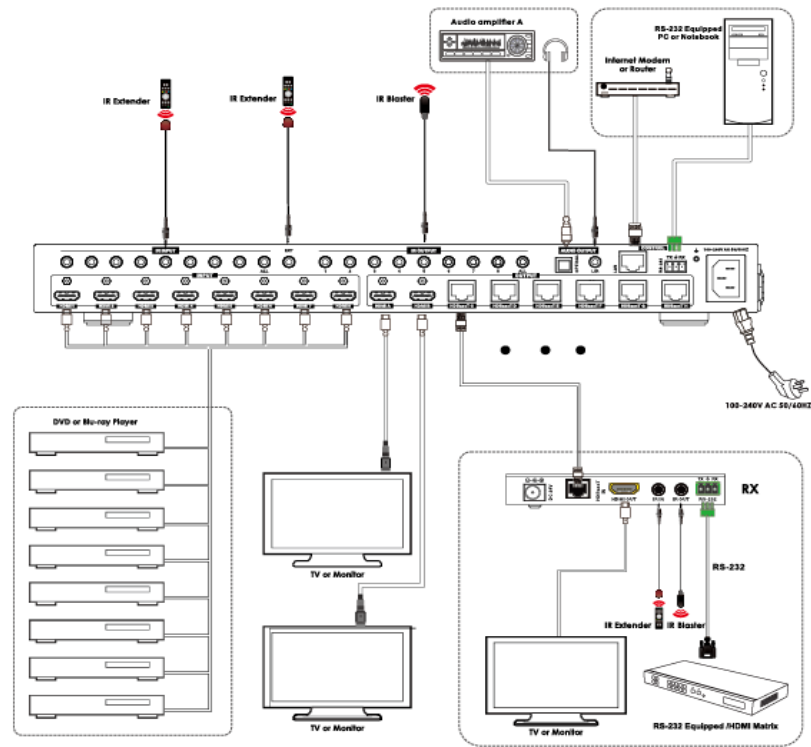
The HDBaseT™ 8×8 Matrix Switcher supports the transmission of video (up to 4K2K@60Hz YUV4:4:4, 8-bit, 18Gbps, HDCP 2.2) and multi-channel digital audio such as LPCM 7.1CH, Dolby TrueHD, Dolby Digital Plus and DTS-HD Master audio from 8 HDMI sources to 6 HDBaseT™ outputs and 2 independent HDMI outputs.

The HDBaseT™ outputs allow transmission of video, audio and control via a single CAT6/6a cable up to 230ft/70m. The matrix can be controlled via front panel button, IR remote control, RS-232, TCP/IP or Web GUI.

Key Features

- HDMI 2.0b, HDCP 2.2 and HDCP 1.4 compliant
- Up to 4K2K@60Hz (4:4:4) on all HDMI and HDBaseT ports
- Supports pass-through audio up to 7.1 channels of High-Definition audio (LPCM, Dolby TrueHD, and DTS-HD Master Audio)
- Digital and analog audio de-embedding from any one of 4 outputs (configurable)
- HDR and smart EDID management supported
- 24V POC on all HDBaseT ports
- Control is via on-panel Button, IR, RS-232, LAN and Web UI
- 1U rack mounted design size.

Schematic



Specifications

TECHNICAL	
Video Bandwidth	600MHz[18Gbps]
Video Resolutions	480i, 576i, 480p, 576p, 720p, 1080i, 1080p24/30/50/60, 4Kx2K@30, 4Kx2K@60 (4:4:4)
Matrix	Input Ports: 8×HDMI Type A [19-pin female] 9×IR input [3.5mm Stereo Mini-jack] 1×RS-232 [Phoenix connector] 1×LAN [RJ45 connector] Output Ports: 2×HDMI Type A [19-pin female] 6×HDBaseT Out [RJ45] 9×IR output [3.5mm Stereo Mini-jack] 1×Optical audio [S/PDIF] 1×Stereo audio [3.5mm Stereo Mini-jack]
Receiver	Input ports: 1×HDBaseT In [RJ45] 1×IR In [3.5mm Stereo Mini-jack] Output ports: 1×HDMI Type A [19-pin female] 1×IR Out [3.5mm Stereo Mini-jack] 1×RS-232 [Phoenix connector]
ESD Protection	Human-body Model : ±8kV (Air-gap discharge) , ±4kV (Contact discharge)
Chassis Material	Metal
Silkscreen Colour	Black
Dimensions	TX: 440mm(W)*320mm(D)*44.5mm(H) RX: 115mm(W)*65mm(D)*17mm(H)
Weight	TX: 3kg, RX: 206g
Power Supply	100~240V AC 50/60Hz
Power Consumption	74W
Operating Temperature	0°C ~ 40°C / 32°F ~ 104°F
Storage Temperature	-20°C ~ 60°C / -4°F ~ 140°F
Relative Humidity	20~90% RH (non-condensing)