

### Product Brief

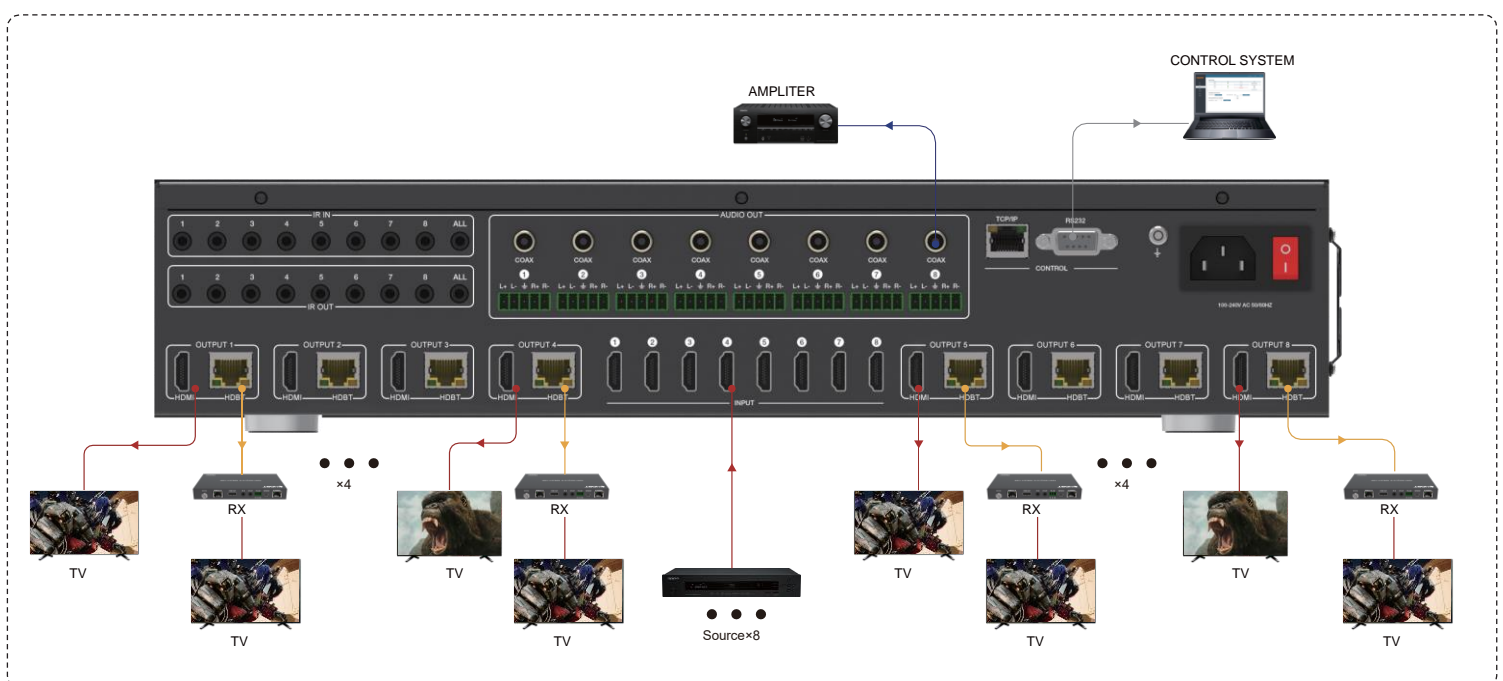
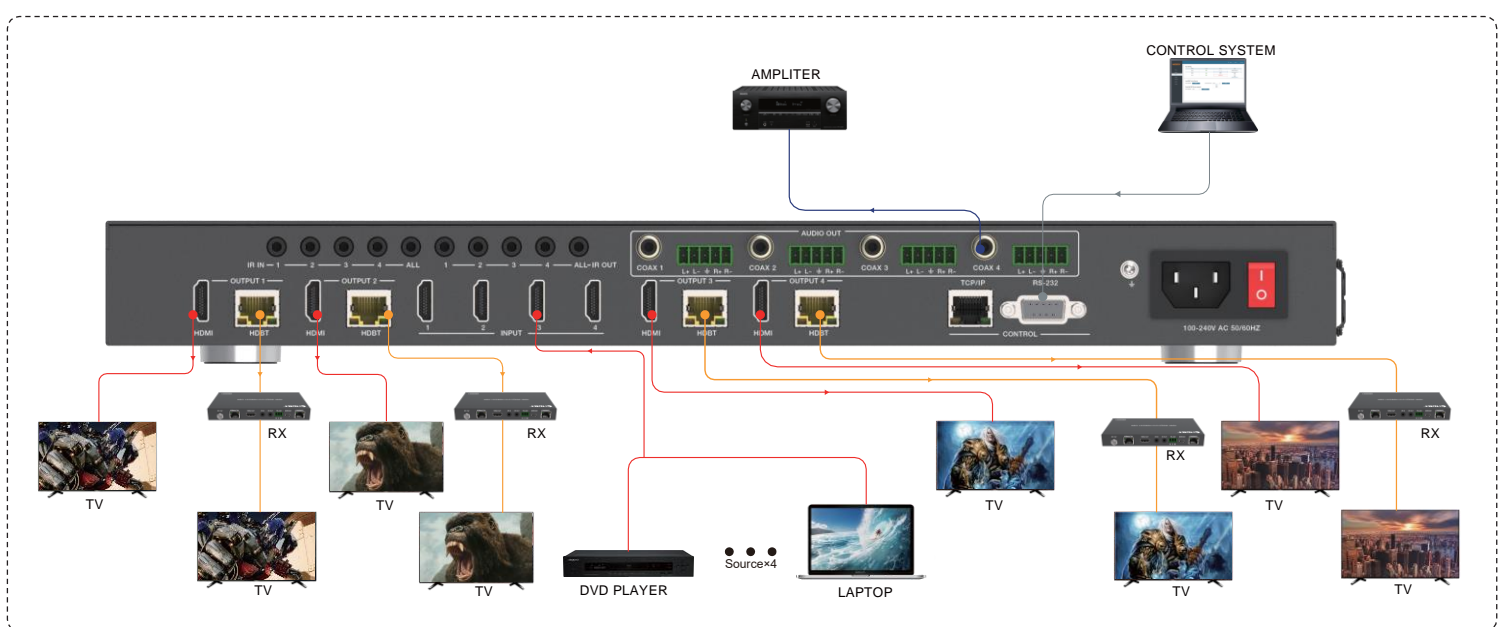
Paugge 18Gbps 4x4/8x8 HDBaseT(150M) Matrix can connect 4/8 HDMI sources to 8/16 displays. It features 8 HDMI outputs and each HDMI output is mirrored to provide a CAT-Cable output which runs simultaneously. HDBaseT output can extend video transmission distance up to 492ft / 150m via a single Cat 5e/6/7 cable and the resolution is up to 4K2K@60Hz 4:4:4. Audio de-embedded to analog and coaxial audio is supported. Each HDMI output supports 4K2K to 1080P downscaler independently.

The product supports IR matrix. The IR signal is one-to-one control at the Matrix end, but the IR signal follows HDMI video channel at the HDBaseT Receiver end.

The product provides an intuitive set of front panel with OLED screen and supports control via front panel buttons, IR remote, RS-232, LAN, and Web GUI.

### Features

- HDMI 2.0b, HDCP 2.2 and HDCP 1.x compliant
- 4/8 HDMI inputs, 4/8 HDMI & HDBaseT mirrored outputs
- 18Gbps Uncompressed Bandwidth Support on HDMI
- 18Gbps with High Definition Visually Lossless compressed on HDBaseT outputs HDR, HDR10, HDR10+, DOLBY VISION, HLG Support
- HDBaseT output 1080P up to 492ft/150m and 4K2K up to 394ft/120m
- AOC Fiber HDMI 2.0 & 2.1 Support
- HDMI audio pass-through up to 7.1CH HD audio (LPCM, Dolby TrueHD, and DTS-HD Master Audio)
- Advanced EDID management supported
- IR matrix supported
- Support 4K->1080P downscaler
- 24V POC on all HDBaseT ports
- Support CEC control source and display.
- Control via Front panel button, IR, RS-232, LAN and WebGUI



### ENT-MX20B4X4HBT Specifications

Interface	Description
Inputs:	4 x HDMI Type A
	4 x HDMI Type A
	4 x HDBaseT port
Outputs:	4 x Coaxial audio
	4 x balanced analog audio
	5 x IR IN
Controls:	5 x IR OUT
	1 x TCP/IP
	1 x RS-232
	1 x SERVICE
Inputs:	1 x HDBT IN
	1 x HDMI Type A
	1 x AUDIO OUT
Outputs:	1 x IR IN
	1 x IR OUT
	1 x RS-232

Item	Description
Housing	Metal Enclosure
Color	Black
Power Supply	Input: AC100 - 240V 50/60Hz
Power Consumption	60W max
Dimensions (W x D x H)	Matrix: 440mm x 200mm x 44.5mm
	Receiver: 140mm x 65mm x 18mm
Weight	Matrix: 3.1Kg / 6.83 lbs
	Receiver: 155g / 0.34 lbs
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)

### ENT-MX20B8X8HBT Specifications

Interface	Description
Inputs:	8 x HDMI Type A
	8 x HDMI Type A
	8 x HDBaseT port
Outputs:	8 x Coaxial audio
	8 x balanced analog audio
	9 x IR IN
Controls:	9 x IR OUT
	1 x TCP/IP
	1 x RS-232
	1 x SERVICE
Inputs:	1 x HDBT IN
	1 x HDMI Type A
	1 x AUDIO OUT
Outputs:	1 x IR IN
	1 x IR OUT
	1 x RS-232

Item	Description
Housing	Metal Enclosure
Color	Black
Power Supply	Input: AC100 - 240V 50/60Hz
Power Consumption	125W max
Dimensions (W x D x H)	Matrix: 440mm x 374mm x 88.6mm
	Receiver: 140mm x 65mm x 18mm
Weight	Matrix: 6.54Kg / 14.42 lbs
	Receiver: 155g / 0.34 lbs
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)