

TECHNICAL SPECIFICATIONS

VIDEO and AUDIO	
Format	HDMI 1.4
Video Bandwidth	10.2Gbps
Input	(8) HDMI
Output	(8) HDMI, (8) CAT5e/6/7, (8) 3.5mm stereo jack, (8) coaxial audio
Input Resolution	Up to 4K (3840x2160 @ 30Hz)
Output Resolution	Up to 4K (3840x2160 @ 30Hz)
HDMI Connector	Type A 19 pin female
RJ-45 Connector	WE/SS 8P8C
Audio Connectors	3.5mm, Coaxial
CONTROL	
Front Panel	Front panel buttons
IR	Infrared Remote Control
RS-232	RS-232 serial commands
TCP/IP Control	via Ethernet-connected computer
OTHER	
Power Supply	Internal 100-240 VAC
Max Consumption	100 W
Dimensions	17.5" W x 14.75" D x 4.0" H
Weight	14.65 lbs
Approvals	UL, CE, ROHS Compliant
Operating Temp.	32 to +104°F (0 to 40°C)
Storage Temp.	-4 to +140°F (-20 to 60°C)
Humidity	Up to 90% RH (non-condensing)

WHAT'S IN THE BOX

PART NO.	QTY	DESCRIPTION
HDR-8x8-XTS	1	4K-Ready 8x8 HDMI Matrix Switch with CAT5/6/7 HDBaseT
CCPWR06	1	6' Power Plug Cable
RMHDR8X8	1	IR Remote Control
	1	Quick Start Guide

Brackets for mounting this device in a standard 19" rack may be optionally ordered from Smart-AVI.

NOTICE

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Smart-AVI
SMART AUDIO VIDEO INNOVATION

HDR-8x8-XT

4K Ultra-HD 8X8 HDBaseT HDMI Switching Matrix with POE



Distribute 8 4K HDMI sources to 8 local monitors and 8 remote displays via HDBaseT (CAT5e/6/7) with IR, RS-232, and TCP/IP control support

Quick Start Guide

Touchboards

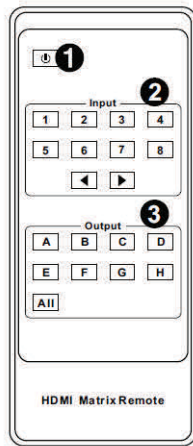
205 Westwood Ave, Long Branch, NJ 07740
Phone: 866-94 BOARDS (26273) | (732)-222-1511
Fax: (732)-222-7088 | E-mail: sales@touchboards.com

INTRODUCTION

The HDR-8x8-XT is an 8x8 matrix switch that sends 4K (3840x2160 @30Hz) HDMI signals to output devices up to 328 ft away with HDBaseT CAT5/6/7 extension. Ideal for large venues with multiple 4K-ready screens, the HDR-8x8-XT offers unmatched performance and quality over considerable distances. The matrix features front-panel buttons for direct switching, support for RS-232 commands, and bi-directional IR remote control. The HDR-8x8-XT can also be controlled using a TCP/IP web console accessible by PC when connected to the matrix over Ethernet. Featuring HDBaseT Power-over-Ethernet support, the HDR-8x8-XT powers connected receiver units (like the HDX-POE) through CAT5e/6/7 cables, cutting costs and power consumption. It also features EDID learning and HDCP management.

ETHERNET ROUTING

The HDR-8x8-XT connects up to eight smart TVs to the internet via HDBaseT Ethernet switch, saving users valuable setup costs and times otherwise spent on hooking each display up to separate internet routers. Keep your displays web-connected and convenient with the HDR-8x8-XT!

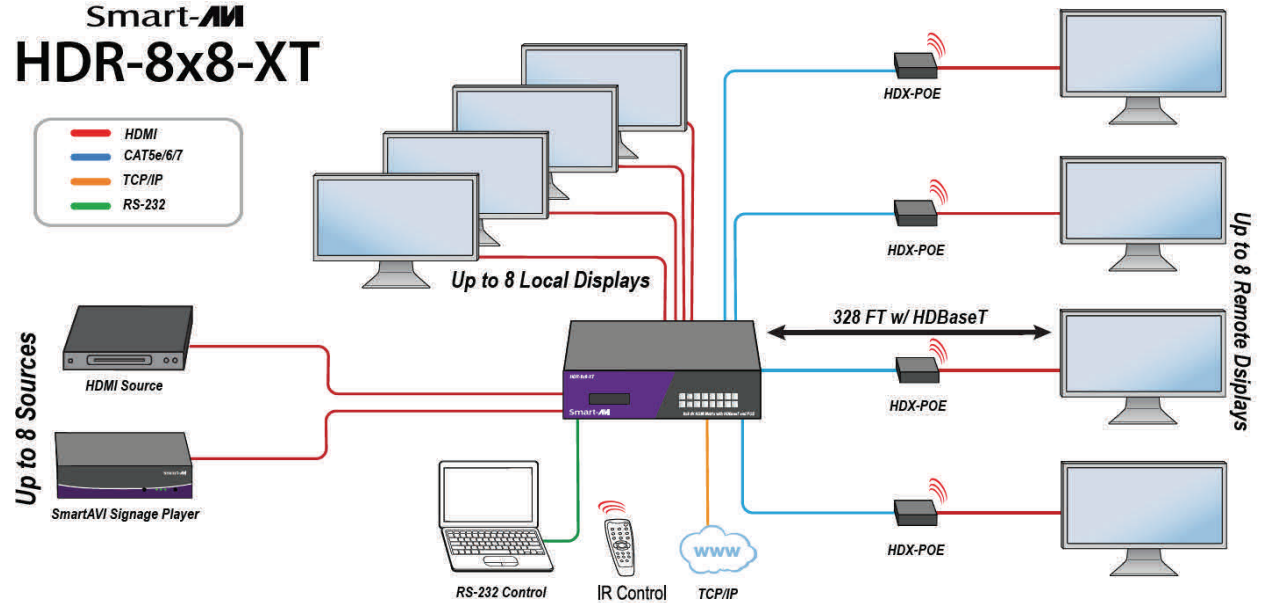
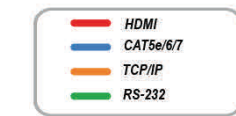


- Power on /Standby:** Press this button for power on the matrix or set it to standby mode.
- Input port selection area:** Press these buttons to select input 1-8. Press forward/backward button will cycle from input 1-8.
- Output port selection area:** Press these buttons to select output A-H, including ALL.

How to select Output and Input Port?

Press OUTPUT-X (X means 1 to 8 of outputs, including ALL) Press INPUT-Y (Y means 1 to 8 of inputs)

Smart-AM HDR-8x8-XT



CONNECTING PRODUCT

- Turn the power off on the HDR-8X8-XT
- Connect up to 8 sources such as a Blu-Ray Player, game console, A/V Receiver, Cable or Satellite Receiver, etc. to the HDMI inputs on the unit. Do not hotplug! Insert and extract cables carefully with the power switch off. Connecting and disconnecting while the unit is powered can result in damage to circuitry.
- Connect the output HDBASET ports and/or HDMI output ports, starting with output 1, to the HDBASET Receiver display receivers (sold separately) (using well terminated or pre-terminated Cat5e/6/7 cables no longer than 328 ft)
- If utilizing UTP, connect the output HDMI ports of the HDBASET Receiver display receivers (sold separately) to high-definition displays such as an HDTV or HD projector that use HDMI inputs. Note that high-speed HDMI cables are recommended for the distances that are required for each connection.
- Plug in IR transmitters to the back of the Matrix Selector Switcher unit (IR TX), the transmitters are labeled IR TX, place in front of the IR receiver of the source, ensure that each emitter is placed in front of the IR receiver eye. Use double-sided adhesive tape to secure them.
- Plug in IR receivers to the port of the HDBASET Receiver display receivers (sold separately), the receivers are labeled IR RX, use double-sided adhesive tape to stick emitters at each display at a desired place that will receive a remote signal.
- For power, plug in the source first, followed by the HDR-8X8-XT Matrix (power supply included), followed by the display receivers, followed by each output connected.
- Power on each device in the same sequence.

