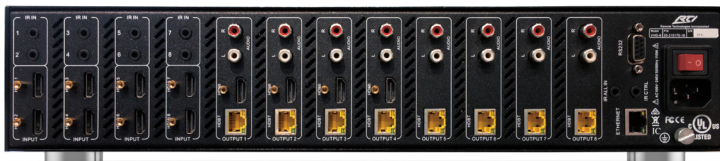


Front View



Rear View

Video Distribution Accessories



VHR-1
HDBaseT Receiver

RTI Control System



VHD-8

8 x 8 HDBaseT Video Matrix Switcher

The VHD-8 8x8 HDBaseT professional matrix switch is used for convenient viewing of up to eight video sources distributed to eight displays. The switch is complete with eight HDMI inputs, eight HDBaseT outputs and four local HDMI outputs. In addition, the VHD-8 also includes eight de-embedded stereo audio outputs.

The VHD-8 enables cross-point switching from any input to any output, and supports high resolution video output at 4K, 1080P and HD 3D. Capable of performing as an extension of an RTI control system, the HDBaseT outputs delivers HDMI video, IR and RS232 control of remote devices, and PoH over a Cat5e/Cat6 cable to a VHR-1 HDBaseT receiver up to 230 feet (70 meters) away.

Key Features

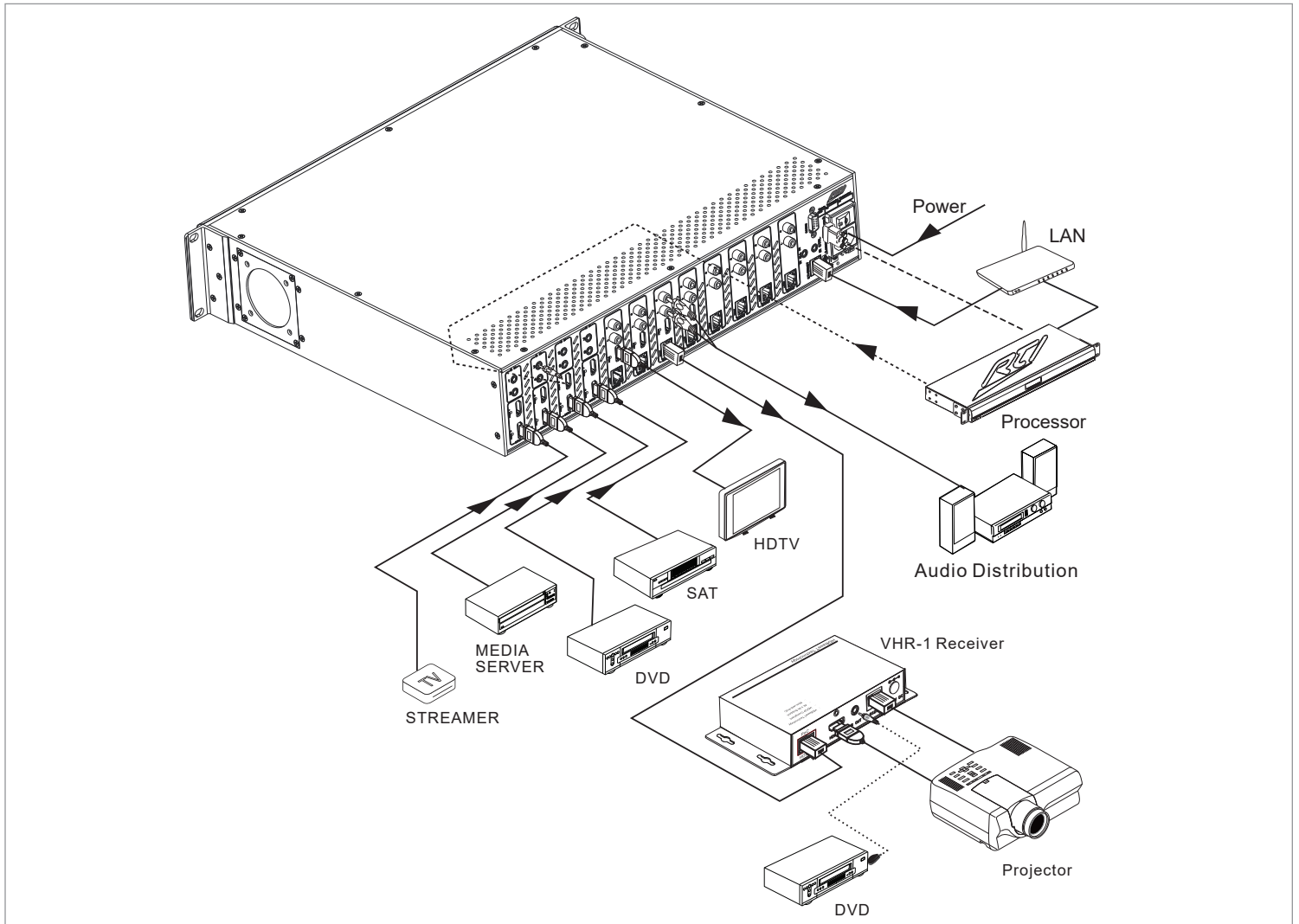
- Provides routing of 8 video sources to 8 displays / projectors.
- Eight HDMI inputs, four HDMI outputs, eight HDBaseT outputs, eight stereo audio outputs.
- Supports video output at 4K, 1080P and 3D.
- HDCP 2.2 Compliant and DVI compatible, supporting HDMI 1.4a & DVI1.0.
- Powerful EDID & HDCP management.
- HDBaseT outputs transmit HDMI@1080p, IR & RS232 up to 230 feet (70m) over a Cat5E/6 cable (130ft/40m at 4K).
- HDBaseT outputs supports PoH (Power over HDBaseT) to power VHR-1 receivers.
- Supports multiple control methods, including front panel, RS232, IR and TCP/IP.
- LCD indicator shows connection status, switching status, HDCP status, and output resolution.
- Built-in GUI for TCP/IP management.
- Supports firmware upgrades through Micro USB port.
- Easy installation with rack-mount design.

Specifications

Power Supply.....100V~240V AC, Power Consumption 103W (full load)
 Mounting.....Rack mount or free standing
 Dimensions Chassis HxWxD....3.4in(87.8mm) x 17.1in(437mm) x 14.9in(380mm)
2U high, full rack width
 Weight5.4lbs (2.45kg)
 Operating Temperature.....C 0 to +40 degrees F +32 to +104 degrees
 Operating Humidity.....5% to 95 % Non-condensing
 Video Input Eight HDMI
 Input LevelT.M.D.S. 2.9V~3.3V
 Input Impedance100Ω (Differential)
 Video OutputFour HDMI, Eight HDBaseT (PoH) (RJ45)
 Output LevelT.M.D.S. 2.9V~3.3V
 Output Impedance100Ω (Differential)
 Gain0dB
 Bandwidth10.2Gbit/s
 Video SignalHDMI (or DVI-D)
 Resolution RangeUp to 4K@30Hz

HDBaseT Transmission Distance 1080P@60Hz ≤230ft (70m)
 4K@30Hz ≤115ft (35m)
 Switching Speed200ns (Max.)
 EDID ManagementBuilt-in EDID data and manual EDID management
 HDCPSupports up to HDCP 2.2
 Audio OutputStereo audio, Eight RCA Jacks
 IR ControlOne, 3.5mm jack (IR CTRL), compatible with
industry standard IR repeaters and receivers
 Remote Source IR Inputs Eight discrete (IR IN),
One universal (IR ALL IN), 3.5mm jacks
 Panel ControlTwenty Front Panel buttons
 Serial (RS-232) PortOne, Bi-directional Female DB-9
 Ethernet PortOne, 10/100Base-T, RJ45 Connection
 USBOne, Micro USB, Female
 Warranty.....Three Years (Parts & Labor)

All Specifications subject to change without notice.



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RTI
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