

VX44-18G-KIT 4x4 4K HDBaseT Matrix Switcher

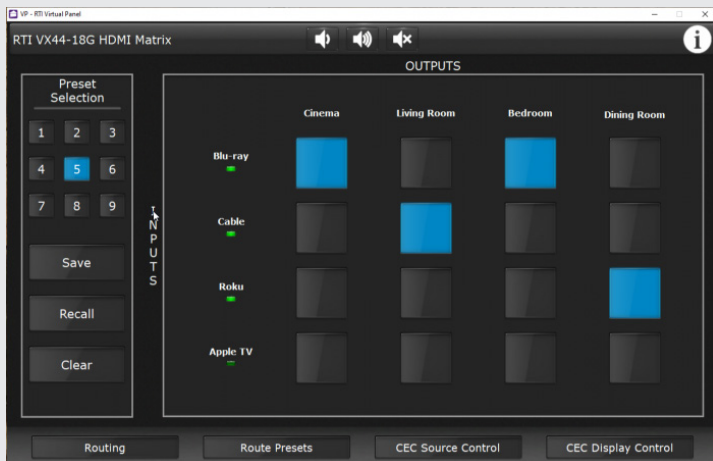
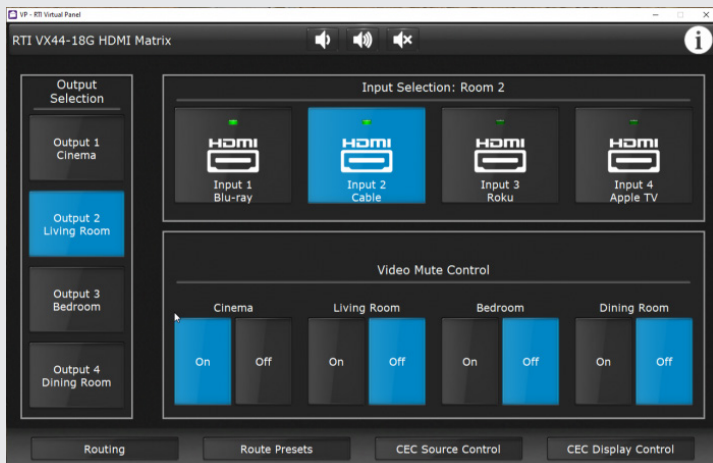
The RTI 4x4 HDBaseT™ Matrix combines exceptional performance with outstanding value for custom integrators world-wide. The VX44-18G-KIT is an HDMI® 2.0 4K 60Hz 4:4:4 HDCP 2.2 matrix using Color Space Conversion (CSC) technology to deliver HDMI®, Bi-directional IR and PoC up to lengths of 70m over a single CAT cable. The Matrix delivers advanced features including simultaneous HDBaseT™/HDMI® on output 1, video down-conversion on HDBaseT™ outputs and a web browser interface module for simple configuration of the Matrix. Four (4) receivers are included in this kit.



VX44-18G 4 x 4 4K HDBaseT™ Matrix Switcher



VRX70-18G 4 x 4 4K HDBaseT™ Receiver



RTI Integration Designer User Interface

Key Features

- Advanced HDBaseT™ technology enables distribution of video and audio over a single CAT cable
- Advanced Color Space Conversion (CSC) supports HDMI® 2.0 18Gbps specification including HDR
- The four (4) HDMI® inputs can be independently routed to four (4) HDBaseT™ outputs with output 1 featuring simultaneous HDMI® and HDBaseT™ output
- Video down-conversion on HDBaseT™ outputs allows a display only capable of supporting lower video resolutions (4K 60Hz 4:2:0 or 1080p) to receive 4K 60Hz 4:4:4 video content while still showing maximum original 4K UHD resolution on remaining video outputs
- Supports 4K 60Hz 4:4:4 UHD video up to 131ft (40m) and 1080p video up to 131ft (70m)
- Supports all industry standard video resolutions including VGA-WUXGA and 480i-4K and all known HDMI® audio formats including Dolby TrueHD®, Dolby Atmos®, Dolby Digital Plus® and DTS-HD Master Audio® transmission
- Control via front panel, IR, RS-232 and TCP/IP
- Supports PoC (Power over Cable) to power compatible HDBaseT™ receivers
- Advanced EDID management and HDCP 2.2 compliant

Included in the Box

VX44-18G (1), VRX70-18G (4), Rack Mounting Kit (1), Remote Control (1), IR Emitters (4), IR Receivers (5), RS-232 Control Cable (1), IR Control Cable - 3.5mm-3.5mm Cable (1), Power Cable (1)

Specifications

VX44-18G HDBaseTTM Matrix Switcher

Video Input Connectors..... 4 x HDMI® Type A, 19-pin, female
 Video Output Connectors 1 x HDMI® Type A, 19-pin, female
4 x HDBaseT™ RJ45 connector
 HDBaseT™ Transmission 1080p@50/60Hz ≤ 131ft (70m)
 Distance 3840 x 2160 @50/60Hz 4:4:4 ≤ 229ft (40m)
 Max. Bandwidth..... 18Gbps
 RS-232 serial port 1 x 3-Pin Phoenix Connector
 TCP/IP Control..... 1 x RJ45, female
 IR Input ports 5 x 3.5mm Stereo Jack
 IR Output ports 4 x 3.5mm Mono Jack
 Rack-Mountable..... 1 U rack height, Rack Ears included
 Dimensions (WxDxH)..... 17.2" x 15.1" x 2.1"
 437mm x 384mm x 53mm
 Dimensions (WxDxH)..... 17.2" x 14.8" x 1.7"
 (without feet)..... 437mm x 377mm x 44mm
 Shipping Weight..... 11lbs. (5.0kg)
 Operating Temperature 32°F to 104°F (-5°C to +55°C)
 Storage Temperature -4°F to 140°F (-25°C to +70°C)
 Power Supply 115VAC or 240VAC
 Warranty Three Years (Parts & Labor)

VRX70-18G HDBaseTTM Receiver

Video Input Connectors..... 1 x HDBaseT™ RJ45 Connector
 Video Output Connectors 1 x HDMI® Type A, 19-pin, female
 Audio Input Connectors 1 x Toslink (S/PDIF)
 Audio Output Connectors..... 1 x Toslink (S/PDIF), 1 x 3.5mm L/R
 Analog Audio
 HDBaseT™ Transmission 1080p@50/60Hz ≤ 131ft (70m)
 Distance 3840 x 2160 @50/60Hz 4:4:4 ≤ 229ft (40m)
 Max. Bandwidth..... 18Gbps
 RS-232 serial port 1 x 3-Pin Phoenix Connector
 IR Input ports 1 x 3.5mm Stereo Jack
 IR Output ports 1 x 3.5mm Mono Jack
 Mounting Kit..... Included
 Dimensions (WxDxH)..... 5.5" x 3.3" x .7"
 140mm x 84mm x 18mm
 Dimensions (WxDxH)..... 5.5" x 3.5" x .7"
 (including connectors) 140mm x 88mm x 18mm
 Shipping Weight..... 1.3lbs. (0.6kg)
 Operating Temperature 32°F to 104°F (-5°C to +55°C)
 Storage Temperature -4°F to 140°F (-25°C to +70°C)
 Power Supply 1x 12V/1A DC, Screw Connector
 Warranty Three Years (Parts & Labor)

All features and specifications subject to change without notice

State-of-the-Art Video Technology



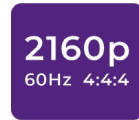
HDBaseT™

No bottleneck with the latest HDBaseT™ 18Gbps standard that provides the highest possible bandwidth that currently exists.



4K UHD

Enjoy stunning picture quality with 4K UHD resolution.



2160p/60Hz/4:4:4

Eliminate blurred fast motions in action movies. 4K resolution paired with 60Hz refresh rate provides a crystal clear and crisp picture quality.



Long Distance

Go beyond the distance limitations of HDMI® cables. Video can be transmitted over a Cat cable up to 229ft/70m.



HDCP 2.2

Be fully compliant with the latest copy protection algorithms to avoid black screens when connecting an ® source



Power over HDBaseT™

Get rid of extra power supplies for HDBaseT™ receivers. Remote devices can be powered over the HDBaseT cable.

