



### **Compatible Products**





## VRX70-18G 4K HDBaseT™ Receiver

The VRX70-18G HDMI® 2.0 4K60Hz 4:4:4 (18Gbps) HDCP2.2 HDBaseT™ Receiver pairs perfectly with the VX44-18G-Kit\* and the VX88-18G and offers market-leading features and outstanding value, including Color Space Conversion (CSC) technology. The product extends HDMI®, Bi-directional IR, and is powered by the matrix up to lengths of 70m (4K 40m). The VRX70-18G HDMI® 2.0 4K60Hz 4:4:4 (18Gbps) HDCP2.2 HDBaseT™ Receiver pairs perfectly with the VX44-18G-Kit\* and the VX88-18G and offers market-leading features and outstanding value, including Color Space Conversion (CSC) technology. The product extends HDMI®, Bi-directional IR, and is powered by the matrix up to lengths of 70m (4K 40m).

\* The VX44-18G-Kit comes with 4 x VXR70-18G

### **Key Features**

- Advanced HDBaseT<sup>™</sup> technology enables distribution of video and audio over a single CAT cable
- Advanced color Space Conversion (CSC) supports HDMI<sup>®</sup>
  2.0 18Gbps specification including HDR
- 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
- HDMI® re-clocking to help solve HDMI® HDCP, compatibility and handshaking issues
- IR pass-through to compatible HDBaseT™ devices
- Supports bi-directional PoC (Power over Cable) from VX88-18G
- HDCP 2.2 support

### Included in the Box

VRX70-18G (1), Mounting Kit (1)

www.rticontrol.com \_\_\_\_\_\_ 1



# **Specifications**

Video Input Connectors1 x HDBaseT™ RJ45 Connector
Video Output Connectors 1 x HDMI $^{\otimes}$ 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 <sup>™</sup> Transmission 1080p@50/60Hz $\leq$ 131ft (70m) Distance 3840 x 2160 @50/60Hz 4:4:4 $\leq$ 229ft (40m)
Max. Bandwidth18Gbps
RS-232 serial port1 x 3-Pin Phoenix Connector
IR Input ports1 x 3.5mm Stereo Jack
IR Output ports1 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 Weight1.3lbs. (0.6kg)
Operating Temperature32°F to 104°F (-5°C to +55°C)
Storage Temperature4°F to 140°F (-25°C to +70°C)
Power Supply1x 12V/1A DC, Screw Connector
WarrantyThree 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**

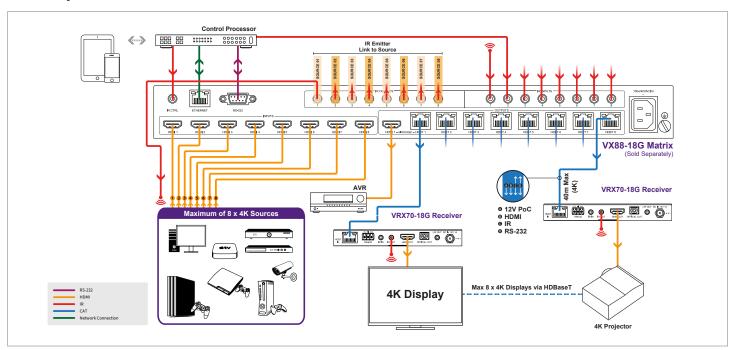
Be fully compliant with the latest copy protection algorithms to avoid black screens when connecting an HDMI® source



#### Power over HDBaseT™

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

# **Example Schematic**



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