



WP-580RXR

Active Wall Plate – HDMI over Extended Range HDBaseT Twisted Pair Receiver



The WP-580RXR is an extended range, HDBaseT twisted pair wall plate receiver for HDMI signals. The WP-580RXR receives an HDBaseT twisted pair signal from the WP-580TXR and converts it back into HDMI signals.

FEATURES

- **Max. Data Rate** - 10.2Gbps (3.4Gbps per graphic channel).
- **HDTV Compatible.**
- **HDCP Compliance.**
- **HDBaseT™ Technology.**
- **HDMI Support** - Deep Color, x.v.Color™, Lip Sync, HDMI Uncompressed Audio Channels, Dolby TrueHD, DTS-HD, CEC.
- **3D Pass-Through.**
- **EDID PassThru** - Passes EDID signals between the source and display.
- **2K & 4K Support.**
- **System Range** - Up to 130m (430ft) normal mode; up to 180m (590ft) Ultra mode (1080p @60Hz @24bpp) when using BC-DGKat623 cables.
- **Ultra Range** - Up to 180m (590ft) with a resolution of up to 1080p @60Hz at 24 bits per pixel.
- **Cable** - Requires shielded twisted pair (STP) cable. For optimum range and performance use, use Kramer's BC-DGKat524, BC-DGKat623 and BC-DGKat7a23 cables. Note that the transmission range depends on the signal resolution, graphics card and display used. The distance using non-Kramer CAT 5, CAT 6, and CAT 7 cables may not reach these ranges. Use only shielded cable where both ends of the shield are soldered to ground.
- **Indicators** - Status LEDs for input, output, link and power.
- **Dimensions** - 12.4cm x 3.12cm x 7.9cm (4.88" x 1.29" x 3.12") US; 15.1cm x 2.96cm x 8.6cm (5.95" x 1.17" x 3.39"), 15.1cm x 2.96cm x 8.0cm (5.95" x 1.17" x 3.15") EU (W, D, H).
- **Wall Plate Size** - 2 gang EU/US.



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TECHNICAL SPECIFICATIONS

INPUTS:	1 HDBaseT twisted pair RJ-45 connector.
OUTPUTS:	1 HDMI connector.
BANDWIDTH:	10.2Gbps (3.4Gbps per graphic channel).
COMPLIANCE WITH HDMI STANDARD:	Supports HDMI and HDCP.
POWER CONSUMPTION:	5V DC, 1.03A.
OPERATING TEMPERATURE:	0° to 40°C (32° to 104°F).
STORAGE TEMPERATURE:	-40° to +70°C (-40° to 158°F).
HUMIDITY:	10% to 90%, RHL non-condensing.
DIMENSIONS:	12.4cm x 3.12cm x 7.9cm (4.88" x 1.29" x 3.12") US; 15.1cm x 2.96cm x 8.6cm (5.95" x 1.17" x 3.39"), 15.1cm x 2.96cm x 8.0cm (5.95" x 1.17" x 3.15") EU (W, D, H).
WEIGHT:	0.6kg (1.4lbs).
ACCESSORIES:	Power supply.

