KRAMER

TP-580RXR
4K60 4:2:0 HDMI HDCP 2.2 Receiver with
RS232 & IR over Extended-Reach HDBaseT

| HDMI | HDCP Compliant | HDBaseT
| 4K/60 UHD (4:2:0)

The TP580RXR is a 4K UHD, extended range, HDBaseT twisted pair receiver for HDMI, bidirectional RS232 and IR signals. The TP580RXR receives an HDBaseT twisted pair signal from the TP580TXR and converts it back into HDMI, RS232 and IR signals. The device supports resolutions of up to 4K@60 UHD (4:2:0)

FEATURES

Resolution Support - Up to 4K@60 UHD (4:2:0)

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, DTSHD, CEC

3D Pass-Through

EDID PassThru - Passes EDID signals between the source and display

Bidirectional RS-232 & IR Interface - Commands and data can flow in both directions via the RS232 interface, allowing status requests and remote control of the destination unit

System Range - Up to 130m (430ft) at normal mode (2K), up to 100m at normal mode (4K); up to 180m (590ft) ultra mode (1080p @60Hz @24bpp) when using BCUNIKat cables

Cable - For optimum range and performance using HDBaseT™, use Kramer's BCUNIKat cable. Note that the transmission range depends on the signal resolution, source and display used. The distance using nonKramer CAT 6 cable may not reach these ranges

Indicators - Status LEDs for input, output, link and power

Compact DigiTOOLS® - 3 units can be rack mounted sidebyside in a 1U rack space with the optional RK3T universal rack adapter

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TECHNICAL SPECIFICATIONS

INPUTS:	1 HDBaseT twisted pair RJ45 connector
OUTPUTS:	1 HDMI connector
PORTS:	1 IR on a 3.5mm mini jack, 1 RS232 on a 9pin Dsub connector
MAX. DATA RATE:	10.2Gbps (3.4Gbps per graphic channel)
RS-232 BAUD RATE:	115200
COMPLIANCE WITH HDMI STANDARD:	Supports HDMI and HDCP
POWER CONSUMPTION:	12V DC, 500mA
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 noncondensing
PRODUCT DIMENSION:	12.00cm x 7.15cm x 2.44cm (4.72" x 2.81" x 0.96") W, D, H
PRODUCT WEIGHT:	0.2kg (0.4lbs) approx
SHIPPING DIMENSION:	15.70cm x 12.00cm x 8.70cm (6.18" x 4.72" x 3.43") W, D, H
SHIPPING WEIGHT:	0.7kg (1.6lbs) approx
INCLUDED ACCESSORIES:	Power supply
OPTIONS:	RK3T 19" rack mount