



TP-580R

HDMI, Bidirectional RS-232 & IR over HDBaseT Twisted Pair Receiver



The TP-580R is a high-performance, HDBaseT twisted pair receiver for HDMI, bidirectional RS-232 and IR signals. The TP-580R receives an HDBaseT twisted pair signal from the TP-580T and converts it back into HDMI, RS-232 and IR 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.**
- **Bidirectional RS-232 & IR Interface.** - Commands and data can flow in both directions via the RS-232 interface, allowing status requests and remote control of the destination unit.
- **System Range** - Up to 70m (230ft).
- **Cable** - For optimum range and performance using HDBaseT™, use Kramer's BC-HDKat6a cable. Note that the transmission range depends on the signal resolution, source and display used. The distance using non-Kramer 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 side-by-side in a 1U rack space with the optional RK-3T universal rack adapter.



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TECHNICAL SPECIFICATIONS

INPUTS:	1 HDBaseT twisted pair RJ-45 connector.
OUTPUTS:	1 HDMI connector.
PORTS:	1 IR on a 3.5mm mini jack, 1 RS-232 on a 9-pin D-sub connector.
BANDWIDTH:	10.2Gbps (3.4Gbps per graphic channel).
RS-232 BAUD RATE:	115200.
COMPLIANCE WITH HDMI STANDARD:	Supports HDMI and HDCP.
POWER CONSUMPTION:	12V DC, 430mA.
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:	18.8cm x 11.4cm x 2.4cm (7.4" x 4.5" x 1.0") W, D, H.
WEIGHT:	0.6kg (1.4lbs).
INCLUDED ACCESSORIES:	Power supply.
OPTIONS:	RK-T2B 19" rack mount.

