



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 use, use Kramer's BC-DGKat524, BC-DGKat623 and BC-DGKat7a23 cables.
- 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.



TP-580R

TECHNICAL SPECIFICATIONS

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| 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). |
| ACCESSORIES: | Power supply. |
| OPTIONS: | RK-T2B 19" rack mount. |

