



TP-582R

1:2 HDMI Plus Bidirectional RS-232, Ethernet & IR over HDBaseT Twisted Pair Receiver



The **TP-582R** is a high-quality twisted pair receiver for HDMI, Ethernet 100BaseT, bidirectional RS-232 and IR signals. The TP-582T selects one of two HDMI inputs, and converts it with the Ethernet 100BaseT, RS-232 and IR input signals to an HDBaseT twisted pair signal. The **TP-582R** converts the HDBaseT twisted pair signal back to Ethernet 100BaseT, RS-232, IR and two HDMI outputs, and de-embeds the audio to S/PDIF and TOSLINK® audio outputs.

FEATURES

- Max. Data Rate - 6.75Gbps (2.25Gbps per graphic channel).
- HDBaseT Technology.
- HDTV Compatible.
- HDCP Compliance.
- 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.
- Bidirectional RS-232 Interface - Commands and data can flow in both directions via the RS-232 interface, allowing status requests and control of the destination unit.
- Ethernet Interface - Passes 100BaseT.
- System Range - Signals of up to 6.75Gbps (up to 1080p@60Hz 36-bit) over a range of up to 130m (430ft) when using BC-HDKat6a cables.
- 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.
- Control - Front panel.
- Indicators - Status LEDs for input selection, output, link and power.
- Compact MegaTOOLS® - 2 units can be rack mounted side-by-side in a 1U rack space with the optional RK-T2B universal rack adapter.



TP-582R

TECHNICAL SPECIFICATIONS

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| INPUTS: | 1 HDBaseT RJ-45 connector. |
| OUTPUTS: | 2 HDMI connectors, 1 IR on a 3.5mm mini jack, 1 Ethernet 100BaseT on an RJ-45 connector, 1 RS-232 on a 9-pin D-sub connector, 1 TOSLINK® optical audio, 1S/PDIF in an RCA connector. |
| MAX. DATA RATE: | 6.75Gbps (2.25Gbps per graphic channel). |
| COMPLIANCE WITH HDMI STANDARD: | Supports HDMI and HDCP. |
| POWER CONSUMPTION: | 5V DC, 1.55A. |
| 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, Kramer BC-HDKat6a cable. |

