TP-574

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

The TP-574 is a twisted pair receiver for HDMI, bidirectional RS-232 and infrared signals. The TP-573 converts the input signals to a twisted pair signal and the TP-574 converts it back to HDMI, RS-232 and infrared signals.

TP-574

FEATURES

- Max. Data Rate - 1.65Gbps.
- HDTV Compatible.
- HDCP Compliant.
- HDMI Support - HDMI (V.1.4 with Deep Color, x.v.Color™, Lip Sync, HDMI Uncompressed Audio Channels, Dolby TrueHD, DTS-HD).
- 3D Pass-Through.
- EDID PassThru - Passes EDID/HDCP signals from source to display.
- Bidirectional RS-232 & IR Interface. - 38400 max baud rate.
- System Range - Up to 90m (295ft) at 1080i, or up to 30m (98ft) at 1080p on shielded BC-DGKat524 cable. Up to 90m (295ft) at 1080i, or up to 70m (230ft) at 1080p on shielded BC-DGKat623 cable. Up to 100m (330ft) at 1080i or up to 90m (295ft) at 1080p on shielded BC-DGKat723 cable.
- Cable - Requires shielded twisted pair (STP) cable. For optimum range and performance use, use Kramer's BC-DGKat524, BC-DGKat623 and BC-DGKat723 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.
- Power Connect System™ - A single connection to the transmitter powers both units.
- Compact DigiTOOLS® - 3 units can be rack mounted side-by-side in a 1U rack space with the optional RK-3T rack adapter.

TECHNICAL SPECIFICATIONS

INPUTS:	1 CAT 5 IN on an RJ-45 connector.
OUTPUTS:	1 HDMI connector, 1 bidirectional IR port on a 3.5mm mini jack, 1 bidirectional RS-232 port on a 9-pin D-sub connector.
BANDWIDTH:	Supports up to 1.65Gbps bandwidth per graphic channel.
COMPLIANCE WITH HDMI STANDARD:	Supports HDMI and HDCP.
POWER SOURCE:	12V DC from TP-573.
DIMENSIONS:	12.1cm x 7.18cm x 2.42cm (4.76" x 2.83" x 0.95"), W, D, H.
WEIGHT:	0.3kg (0.67lbs) approx.
ACCESSORIES:	12V DC power supply.
OPTIONS:	RK-3T 19" rack mount, Kramer remote external receiver, Kramer BC DGKat524 (CAT 5 24AWG) and BC DGKat623 (CAT 6 23AWG) cables.