

TP-575-1:2 HDMI Twisted Pair Receiver & Transceiver

The TP-575 is a twisted pair (DGKat) line driver and DA for HDMI encoded twisted pair signals. The unit receives a twisted pair signal and outputs both an HDMI and twisted pair signal to a compatible receiver.



TP-575 FEATURES

- **Max. Data Rate** - 2.25Gbps per graphic channel.
- **HDTV Compatible.**
- **HDCP Compliant.**
- **HDMI Support** - HDMI (V.1.4 with Deep Color, x.v.Color™, HDMI Uncompressed Audio Channels, Dolby TrueHD, DTS-HD).
- **DGKat™ Signal Integration** - Kramer's unique technology for converting TMDS as well as control and communication to signals that run over twisted pair cables. We strongly recommend using Kramer DGKat™ cables designed specifically for optimum performance.
- **3D Pass-Through.**
- **EDID PassThru** - Passes EDID/HDCP signals from source to display.
- **HPD Pass Thru** - Passes Hot Plug Detect signals from display to source.
- **Active Input/Output LED Indicators.**
- **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** - For optimum range and performance, 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.
- **Output Signal Reclocking** - Daisy chains up to 6 receivers for maximum range of 600m using shielded BC-DGKat723 cable at 1080i. (For other cables and resolutions, see System Range above.)
- **Power Connect System™** - A single connection to the TP-575 powers the transmitter, receiver and line driver units.
- **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-575 TECHNICAL SPECIFICATIONS

- **INPUT:**1 TP on an RJ-45 connector.
- **OUTPUTS:**1 TP on an RJ-45 connector, 1 HDMI connector.
- **BANDWIDTH:**Supports up to 2.25Gbps bandwidth per graphic channel.
- **COMPLIANCE WITH HDMI STANDARD:**Supports HDMI and HDCP.
- **CONTROLS:**EDID SETUP button.
- **INDICATOR LEDs:**IN, OUT 1 (LINE), OUT 2 (HDMI), and ON LEDs.

- **POWER SOURCE:**12V DC, 950mA.
- **DIMENSIONS:**18.8cm x 11.4cm x 2.4cm (7.4" x 4.5" x 0.9") W, D, H.
- **WEIGHT:**0.3kg (0.67lbs) approx.
- **ACCESSORIES:**Power supply.
- **OPTIONS:**RK-3T 19" rack mount, Kramer remote external receiver, Kramer BC-DGKat524 (CAT 5 24AWG), BC-DGKat623 (CAT 6 23AWG) and BC-DGKat7a23 (CAT 7a 23 AWG) cables, HDMI/HDMI male-to-male cables.