



TP-575

1:2 HDMI Twisted Pair Receiver & Transceiver



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

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-DGKat7a23 cable.

Cable - For optimum range and performance, use Kramer's BC-DGKat524, BC-DGKat623 and BC-DGKat7a23 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-DGKat7a23 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.



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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-T2B 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.

