



## TP-575

1:2 Twisted Pair & HDMI Line Driver & Distribution Amplifier

| HDMI | HDCP Compliant | DGKat | Kramer Core



The TP-575 is a DGKat™ twisted pair line driver for HDMI over 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** - 4.95Gbps (1.65Gbps per graphic channel)

**HDTV Compatible**

**HDCP Compliant**

**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

**HDMI Support** - x.v.Color™, HDMI Uncompressed Audio Channels, Dolby TrueHD, DTSHD

**3D Pass-Through**

**EDID PassThru** - Passes EDID signals between the source and display

**HPD Pass-Through** - 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 BCDGKat524 cable. Up to 90m (295ft) at 1080i, or up to 70m (230ft) at 1080p on shielded BCDGKat623 cable. Up to 100m (330ft) at 1080i or up to 90m (295ft) at 1080p on shielded BCDGKat7a23 cable

**Cable** - For optimum range and performance, use Kramer's BCDGKat524, BCDGKat623 and BCDGKat7a23 cables. Note that the transmission range depends on the signal resolution, graphics card and display used. The distance using nonKramer 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

**Compatible Receivers** - PT572+, TP574, TP575, TP576

**Output Signal Reclocking** - Daisy chains up to 6 receivers for maximum range of 600m using shielded BCDGKat7a23 cable at 1080i. (For other cables and resolutions, see System Range above.)

**Power Connect™ System** - A single connection to the TP575 powers the transmitter, receiver and line driver units

**Compact MegaTOOLS™** - 2 units can be rack mounted sidebyside in a 1U rack space with the optional RKT2B universal rack adapter



# KRAMER

## TECHNICAL SPECIFICATIONS

INPUT:	1 DGKat twisted pair on an RJ45 connector
OUTPUTS:	1 DGKat twisted pair on an RJ45 connector, 1 HDMI connector
MAX. DATA RATE:	4.95Gbps (1.65Gbps 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 CONSUMPTION:	12V DC, 950mA
INCLUDED ACCESSORIES:	Power supply
PRODUCT DIMENSION:	18.75cm x 11.50cm x 2.54cm (7.38" x 4.53" x 1.00" ) W, D, H
PRODUCT WEIGHT:	0.4kg (0.9lbs) approx
SHIPPING DIMENSION:	34.50cm x 16.50cm x 5.20cm (13.58" x 6.50" x 2.05" ) W, D, H
SHIPPING WEIGHT:	0.9kg (2.0lbs) approx
OPTIONS:	RKT2B 19" rack adapter

