



TP-575

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



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** - 1.65Gbps per graphic channel.
- **Inputs** - 1 DGKat TP on an RJ-45 connector.
- **Outputs** - 1 DGKat TP on an RJ-45 connector, 1 HDMI connector.
- **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** - HDMI (V.1.4 with x.v.Color™, HDMI Uncompressed Audio Channels, Dolby TrueHD, DTS-HD).
- **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 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.
- **Compatible Receivers** - PT-572+, TP-574, TP-575, TP-576.
- **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.



TP-575

TECHNICAL SPECIFICATIONS

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|--------------------------------|---|
| INPUT: | 1 DGKat TP on an RJ-45 connector. |
| OUTPUTS: | 1 DGKat TP on an RJ-45 connector, 1 HDMI connector. |
| BANDWIDTH: | Supports up to 1.65Gbps 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. |

