



PT-561

HDMI & IR over Twisted Pair Transmitter



The PT-561 and PT-562 are a twisted pair transmitter and receiver for HDMI and IR signals. The PT-561 converts an HDMI and IR signal to a twisted pair signal and the PT-562 converts the twisted pair signal back to an HDMI and IR signal.

FEATURES

- Max. Data Rate - 1.65Gbps.
- 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.
- **Bidirectional IR Support** - IR is compatible with a Kramer transmitter and via a Kramer external remote IR receiver: C-A35M/IRR or C-A35M/IRE or C-A35M/2IRE.
- **Optional IR Emitter Cables** - C-A35/IRE-10 single emitter & C-A35/2IRE-10 dual emitter.
- **Optional External IR Receiver Cables** - C-A35M/IRR-3 and C-A35M/IRR-50.
- **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.
- **EDID PassThru** - Passes EDID signals between the source and display.
- **ON (Red) / Transmit (Green) Status LED.**
- **Power Connect™ System** - A single connection to the transmitter powers the receiver
- **Ultra-Compact Pico TOOLS™** - 4 units can be rack mounted side-by-side in a 1U rack space with the optional RK-4PT rack adapter.



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TECHNICAL SPECIFICATIONS

INPUTS:	1 HDMI connector.
OUTPUTS:	2 CAT5 OUT on RJ-45 connectors.
IR PORT:	Bidirectional on a 3.5mm mini jack.
BANDWIDTH:	Supports up to 1.65Gbps bandwidth per graphic channel.
COMPLIANCE WITH HDMI STANDARD:	Supports HDMI 1.3 and HDCP.
POWER SOURCE:	5V DC, 440mA (transmitter and receiver together).
DIMENSIONS:	6.2cm x 5.2cm x 2.4cm (2.4" x 2.1" x 1") W, D, H.
WEIGHT:	0.14kg (0.3lbs).
ACCESSORIES:	Power supply.
OPTIONS:	RK-4PT 19" rack mount adapter.

