



## PT-562

### HDMI & IR over Twisted Pair Receiver



The **PT-562** is a twisted pair 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 - 4.95Gbps (1.65Gbps per graphic channel).
- HDTV Compatible.
- HDCP Compliant.
- 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 Cable - 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.
- Status LEDs - ON (red), transmit (green).
- Power Connect™ System - A single connection to the transmitter powers the receiver.
- Ultra-Compact Pico TOOLST™ - 4 units can be rack mounted side-by-side in a 1U rack space with the optional RK-4PT rack adapter.

TECHNICAL SPECIFICATIONS

INPUTS:	2 CAT 5 IN on RJ-45 connectors.
OUTPUTS:	2 CAT 5 OUT on RJ-45 connectors, 1 HDMI connector.
IR PORT:	Bidirectional on a 3.5mm mini jack.
BANDWIDTH:	4.95Gbps (1.65Gbps per graphic channel).
COMPLIANCE WITH HDMI STANDARD:	Supports HDMI 1.2 and HDCP.
POWER CONSUMPTION:	5V DC, 440mA (transmitter and receiver together).
INCLUDED ACCESSORIES:	Power supply.
OPTIONS:	RK-4PT 19" rack mount adapter.

