



## WP-562

Active Wall Plate - HDMI over Twisted Pair Receiver

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The **WP-562** is a twisted pair receiver for HDMI and IR signals. The **WP-561** converts an HDMI and IR signal to a twisted pair signal and the **WP-562** converts the twisted pair signal back to an HDMI and IR signal.



## WP-562

### FEATURES

- **Max. Data Rate** - 1.65Gbps.
- **HDTV Compatible.**
- **HDCP & HDMI 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.
- **HDMI Support** - HDMI (V.1.4 with HDMI Uncompressed Audio Channels, Dolby TrueHD, DTS-HD).
- **EDID PassThru** - Passes EDID/HDCP signals from source to display.
- **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.
- **Status LEDs** - ON (red), transmit (green).
- **Power Connect™ System** - A single connection to the transmitter powers the receiver.
- **Dimensions** - 6.9cm x 2.88cm x 11.4cm (2.71" x 1.13" x 4.49") US; 8.6cm x 2.88cm x 8.6cm (3.39" x 1.13" x 3.39" and 8cm x 2.88cm x 8cm (3.15" x 1.13" x 3.15") EU W, D, H.
- **Wall Plate Size** - 1 gang EU/US.

### TECHNICAL SPECIFICATIONS

INPUTS:	2 CAT 5 IN 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 and HDCP.
POWER SOURCE:	5V DC, 440mA (transmitter and receiver together).
DIMENSIONS:	6.9cm x 2.88cm x 11.4cm (2.71" x 1.13" x 4.49") US; 8.6cm x 2.88cm x 8.6cm (3.39" x 1.13" x 3.39" and 8cm x 2.88cm x 8cm (3.15" x 1.13" x 3.15") EU W, D, H.
WEIGHT:	0.2kg (0.4lbs).
ACCESSORIES:	Power supply.
OPTIONS:	RK-4PT 19" rack mount adapter.
OUTPUTS:	1 HDMI connector.