



## TP-578H

HDMI Receiver with RS-232, IR & Stereo  
Audio over PoC Long-Reach DGKat

| HDMI | HDCP Compliant | DGKat



The TP-578H is a DGKat twisted pair receiver for HDMI, IR and control signals. The unit receives a DGKat twisted pair signal from a compatible Kramer DGKat transmitter (such as a TP-577VH) and decodes it into HDMI, balanced and unbalanced stereo, S/PDIF digital audio, IR and RS-232 signals

### FEATURES

**Max. Data Rate** - 4.95Gbps (1.65Gbps per graphic channel)

**HDTV Compatible**

**HDCP Compliant**

**HDMI Support** - x.v. Color™, 3D and 7.1 multi-channel audio

**DGKat™ Signal Integration** - Kramer's unique technology for converting TMDS as well as control and communication to signals that run over twisted pair cables

**Kramer Equalization & re-Klocking™ Technology** - Rebuilds the digital signal to travel longer distances

**K-Link™** - Kramer's technology for controlling the device from a remote controller and passing data to external devices

**PowerConnectPlus** - A single connection to the transmitter or the receiver powers both units. The higher voltage PowerConnectPlus also powers regular PowerConnect devices via auto-negotiation

**Configurable External Control**

**Analog and Digital Audio De-Embedding**

**Indicators** - LEDs for mirroring

**System Range** - Up to 90m (295ft) at 1080i @60hz or up to 70m (230ft) at 1080p @ 60hz when using Kramer DGKat cables. Note: Transmission range depends on the signal resolution, graphics card and display used. If using third-party shielded CAT cables, both ends of the shield must be soldered to the connectors for the products to function properly

**Controls** - IR data transceiver



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## TECHNICAL SPECIFICATIONS

|                       |   |
|-----------------------|---|
| INPUTS:               | DGKat twisted pair on an RJ-45 connector  |
| OUTPUT:               | HDMI, unbalanced stereo audio on a 3.5mm mini jack, balanced stereo audio on a terminal block, S/PDIF on an RCA connector |
| POWER CONSUMPTION:    | 12V DC, 200mA   |
| INCLUDED ACCESSORIES: | Power supply  |
| Product Dimensions    | 12.00cm x 7.15cm x 2.44cm (4.72" x 2.81" x 0.96" ) W, D, H  |
| Product Weight        | 0.2kg (0.4lbs) approx   |
| Shipping Dimensions   | 15.70cm x 12.00cm x 8.70cm (6.18" x 4.72" x 3.43" ) W, D, H   |
| Shipping Weight       | 0.5kg (1.0lbs) approx   |

