



TP-588D

HDMI/DVI, Audio & Data over HDBaseT Twisted Pair Receiver



The TP-588D is a receiver for HDBaseT TP (twisted pair) signals from a compatible Kramer HDBaseT transmitter. It decodes the HDBaseT into DVI, HDMI, S/PDIF, balanced stereo audio, and RS-232 signals. The device supports ultra-HD (4K) resolution and is used in conjunction with any Kramer HDBaseT switcher or transmitter, for example, the WP-20 or the TP-580TXR.

FEATURES

- **Maximum Data Rate** - 10.2Gbps data rate (3.4Gbps per graphics channel) with 4K support.
- **HDTV Compatible.**
- **HDCP Compliant.**
- **Kramer Equalization & re-Klocking™ Technology** - Rebuilds the digital signal to travel longer distances.
- **I-EDIDPro™ Kramer Intelligent EDID Processing™** - Intelligent EDID handling & processing algorithm ensures Plug and Play operation for HDMI systems.
- **Lockable EDID.**
- **System Range** - Up to 130m (430ft) in normal mode and up to 150m (500ft) in ultra mode (1080p @60Hz @24bpp) when using BC-HDKat6a cable.
- **Cable** - Shielded twisted pair (STP) cable recommended. For optimum range and performance use, use Kramer's BC-HDKat6a cable. 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.
- **Power over Ethernet** - The receiver can operate without a dedicated power supply when connected to a device that provides PoE.

TECHNICAL SPECIFICATIONS

INPUT:	1 HDBT TP on an RJ-45 connector.
OUTPUTS:	1 HDMI on an HDMI connector, 1 DVI-D on a DVI-I connector, 1 S/PDIF digital audio on an RCA connector, 1 analog balanced stereo audio on a 5-pin terminal block.
PORTS:	1 RS-232 data serial port on a 3-pin terminal block, 1 RS-232 serial control port on a 3-pin terminal block, 1 Ethernet on an RJ-45 TP connector, 1 IR on a 3.5mm mini jack.
BANDWIDTH:	Up to 10.2Gbps data rate (3.4Gbps per graphics channel).
COMPLIANCE WITH HDCP STANDARD:	Supports HDCP.
INDICATOR LEDs:	DVI Out, HDMI Out, HDBT Link, Power, Link.
POWER CONSUMPTION:	12V DC, 770mA.
OPERATING TEMPERATURE:	0° to +40°C (32° to 104°F).
STORAGE TEMPERATURE:	-40° to +70°C (-40° to 158°F).
HUMIDITY:	10% to 90%, RHL non-condensing.
COOLING:	Convection, vents.
ENCLOSURE TYPE:	Aluminium.
RACK MOUNT:	With optional adapter.
FURNITURE MOUNT:	With included rubber feet.
DIMENSIONS:	18.75cm x 11.5cm x 2.54cm (7.38" x 4.53" x 1") W, D, H.
WEIGHT:	0.45kg (0.99lbs) approx.
SHIPPING WEIGHT:	0.99kg (2.18lbs) approx.
VIBRATION:	ISTA 1A in carton (International Safe Transit Association).
COMPLIANCE STANDARDS:	CE.
ENVIRONMENTAL REGULATORY COMPLIANCE:	Complies with appropriate requirements of RoHs and WEEE.
INCLUDED ACCESSORIES:	Power supply.
OPTIONS:	RK-T2B 19" rack adapter.
WARRANTY:	7 years parts and labor.

