

TP-582T/TP-581T/TP-582R

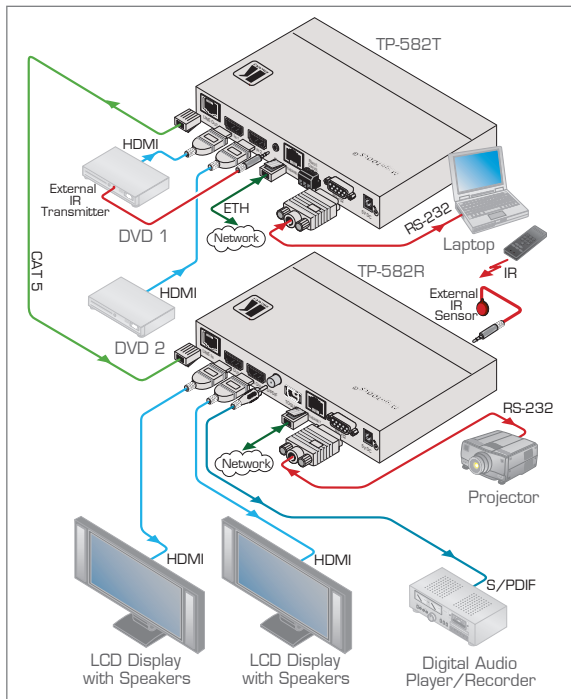
HDMI, Bidirectional RS-232, Ethernet & IR over Twisted Pair Transmitter & Receiver **NEW**



The **TP-582T** and **TP-582R** are a high-quality twisted pair transmitter and receiver for HDMI, Ethernet 100BaseT, bidirectional RS-232 and IR signals. The **TP-582T** selects one of two HDMI inputs, and converts it with the Ethernet 100BaseT, RS-232 and IR input signals to a twisted pair signal. The **TP-582R** converts the twisted pair signal back to Ethernet 100BaseT, RS-232, IR and two HDMI outputs, and de-embeds the audio to S/PDIF and TOSLINK® audio outputs. The **TP-581T** is identical to the **TP-582T** but has only one HDMI input and no contact closure control.

FEATURES

- Max. Data Rate - 2.25Gbps.
- HDTV Compatible.
- HDCP Compliant.
- HDMI Support - HDMI (V.1.4 with Deep Color, x.v.Color™, Lip Sync, HDMI Uncompressed Audio Channels, Dolby TrueHD, DTS-HD, CEC).
- 3D Pass-Through.
- EDID PassThru - Passes EDID/HDCP signals from source to display.
- Bidirectional RS-232 Interface - Commands and data can flow in both directions via the RS-232 interface, allowing status requests and control of the destination unit.
- Ethernet Interface - Passes 100BaseT.
- System Range - Up to 100m (330ft).
- Control - Front panel and contact closure switching (TP-582T).
- Indicators - Status LEDs for input selection, output, link and power.
- Compact MegaTOOLS® - 2 units can be rack mounted side-by-side in a 1U rack space with the optional RK-T2B universal rack adapter.



TECHNICAL SPECIFICATIONS

- INPUTS:**
- 1 HDMI connector, 1 IR on a 3.5mm mini jack,
 - 1 Ethernet 100BaseT on an RJ-45 connector,
 - 1 RS-232 on a 9-pin D-sub connector (TP-581T);
 - 2 HDMI connectors, 1 IR on a 3.5mm mini jack,
 - 1 Ethernet 100BaseT on an RJ-45 connector,
 - 1 RS-232 on a 9-pin D-sub connector,
 - 1 remote contact closure on a terminal block connector (TP-582T);
 - 1 RJ-45 connector (TP-582R).
- OUTPUTS:**
- 1 RJ-45 connector (TP-581T, TP-582T); 2 HDMI connectors, 1 IR on a 3.5mm mini jack, 1 Ethernet 100BaseT on an RJ-45 connector, 1 RS-232 on a 9-pin D-sub connector, 1 TOSLINK® optical audio, 1 S/PDIF in an RCA connector (TP-582R).
- BANDWIDTH:** Supports up to 2.25Gbps bandwidth per graphic channel.
- COMPLIANCE WITH HDMI STANDARD:** Supports HDMI and HDCP.
- POWER SOURCE:** 5V DC, 800mA (TP-581T, TP-582T); 1.55A (TP-582R).
- DIMENSIONS:** 18.8cm x 11.4cm x 2.4cm (7.4" x 4.5" x 1.0") W, D, H.
- WEIGHT:** 0.6kg (1.4lbs).
- ACCESSORIES:** Power supply.
- OPTIONS:** RK-T2B 19" rack mount.

