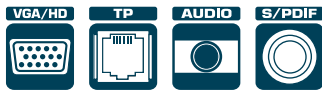


TP-141/TP-142

Computer Graphics Video & Stereo Audio for Extended Range over Twisted Pair Transmitter & Receiver



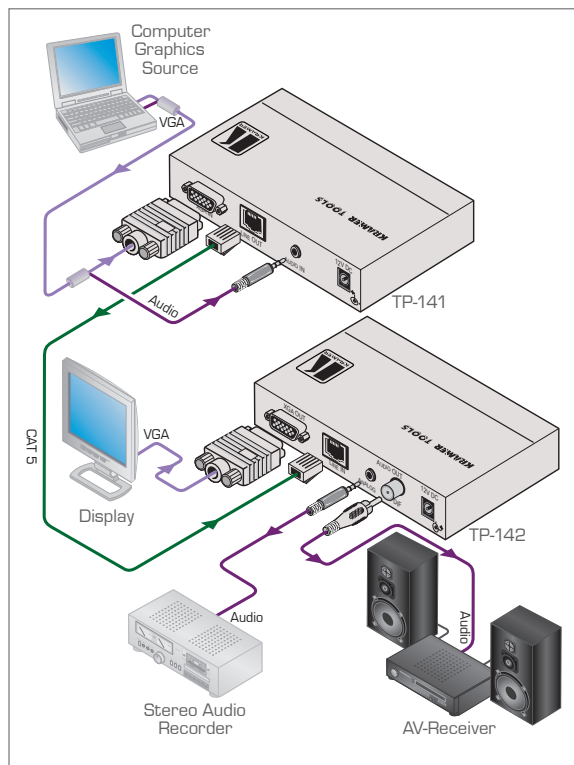
Compatible with HDTV component video signals when used with a breakout cable such as the Kramer C-GM/3RVF.



The **TP-141** and **TP-142** are an extended range twisted pair transmitter and receiver for computer graphics video and unbalanced stereo audio signals, with high electrical noise immunity. The **TP-141** converts computer graphics video and audio inputs to twisted pair signals, and the **TP-142** converts the twisted pair signals back into computer graphics video, unbalanced stereo and S/PDIF digital audio signals.

FEATURES

- Max. Resolution - WUXGA & 1080p.
- HDTV Compatible.
- Twisted Pair Connectors - RJ-45 connectors.
- Audio Outputs - Unbalanced stereo and S/PDIF (24-bit 48kHz) simultaneously (TP-142).
- Level (Gain) and EQ (Peaking) Controls - TP-142.
- System Range - Up to 250m (750ft). Greater distances possible depending on resolution, cable and quality requirements.
- Cable - UTP (unshielded twisted pair) or STP (shielded twisted pair) such as CAT 5.
- Power Connect™ System - Only one unit in a system, the transmitter or the receiver, needs to be connected to a power source when the devices are within 50m (150ft) of each other.
- Compact Kramer TOOLS™ - 3 units can be rack mounted side-by-side in a 1U rack space with the optional RK-3T rack adapter.



TECHNICAL SPECIFICATIONS

INPUTS:	1 computer graphics video on a 15-pin HD connector; 1 unbalanced stereo audio on a 3.5mm mini jack (TP-141); 1 RJ-45 LINE IN connector (TP-142).
OUTPUTS:	1 RJ-45 OUT connector (TP-141); 1 computer graphics video on a 15 pin HD connector; 1 S/PDIF on an RCA connector; 1 unbalanced stereo audio on a 3.5mm mini jack (TP-142).
MAX. OUTPUT LEVEL:	Video: 1V, Audio: 2.5V (TP-142).
CONTROLS:	Level: -7.5dB to +4.4dB; EQ: 0dB to +33dBm @50MHz (130m) (TP-142).
BANDWIDTH (-3dB) :	Audio: 20Hz-20kHz @0.5dB.
RESOLUTION:	Exceeding UXGA.
S/N RATIO:	Audio: <-80dB.
TOTAL GAIN:	Audio: Analog/analog: 0dB, Analog/ S/PDIF: -12dBFS.
COUPLING:	AC.
THD+N:	Audio: <0.01%.
POWER SOURCE:	12V DC, 60mA.
DIMENSIONS:	12.1cm x 7.2cm x 2.4cm (4.8" x 2.8" x 1.0") W, D, H.
WEIGHT:	0.3kg (0.67lbs) approx.
ACCESSORIES:	Power supply.
OPTIONS:	RK-3T 19" rack adapter.



RANGE EXTENDERS & REPEATERS

