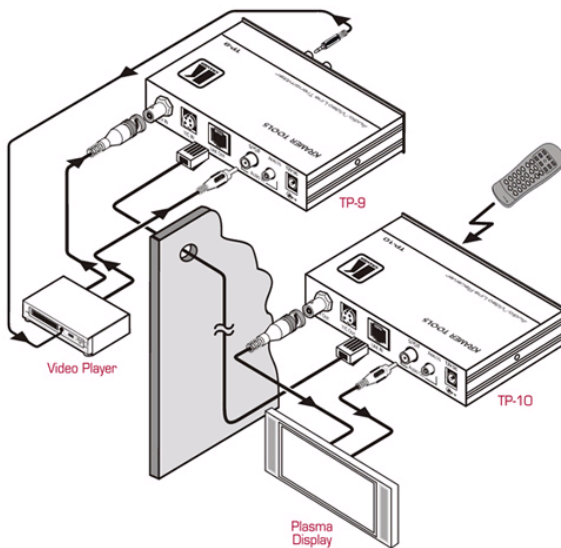




VIDEO AND AUDIO OVER TWISTED PAIR RECEIVER WITH IR REPEATER



The TP-9 and TP-10 are a twisted pair transmitter and receiver set for composite or s-Video (Y/C) signals and unbalanced analog stereo or S/PDIF digital audio signals. The TP-9 transmitter converts the video and audio to a twisted pair signal and the TP-10 converts the twisted pair signal back into video & audio signals.



DESCRIPTION

- Bandwidth - > 70MHz (-3db)
- Audio - S/PDIF or unbalanced analog
- IR Repeater - 2 IR emitter Outputs (TP-9) & 1 sensor (TP-10)
- Twisted Pair Input/Outputs - RJ-45 connector
- System Range - up to 100 meters (320')
- Cable - UTP (unshielded twisted pair) such as CAT 5.
- Level (Gain) & EQ (Peaking) Controls - TP-10
- Compact Size - Part of the Kramer TOOLS™ family of compact, high quality and cost effective solutions

SPECIFICATIONS

INPUTS:	1 RJ-45 CAT-5 shielded connector (LINE IN)
OUTPUTS:	1 composite video 1Vpp/75Ω on a BNC connector; 1 s-Video 1Vpp/75Ω [Y], 0.3Vpp/75Ω [C] on a 4p connector; 1 S/PDIF (digital audio) on an RCA connector; 1 audio (analog audio) <8dBu on a 3.5mm mini connector;
MAX. OUTPUT LEVEL:	VIDEO: 2.6V; AUDIO: 4.6Vpp
BANDWIDTH:	VIDEO: >=70MHz/-3dB; AUDIO: 20Hz to 20kHz/0.1dB
NON-LINEARITY:	<0.05%
DIFF. GAIN:	<0.05%
DIFF. PHASE:	0.09Deg
S/N RATIO:	VIDEO: >75dB RMS/5MHz weighted; AUDIO: >73dB
AUDIO CONVERSION SAMPLE RATE:	48kHz
AUDIO CONVERSION RESOLUTION:	24 bits
POWER SOURCE:	12VDC, 82mA
DIMENSIONS:	12cm x 6.95cm x 2.76cm (4.7" x 2.8" x 1.08") W, D, H
WEIGHT:	0.3 kg (0.67 lbs.) approx
ACCESSORIES:	Power Supply, 3.5mm to IR Emitter Control Cable (C-A35/IRE-10)
OPTIONS:	15 meter cable and 20 meter IR Emitter Extension Cables