TP-310A

1:10 Computer Graphics Video, Audio & RS-232 Twisted Pair Receiver & Distribution Amplifier

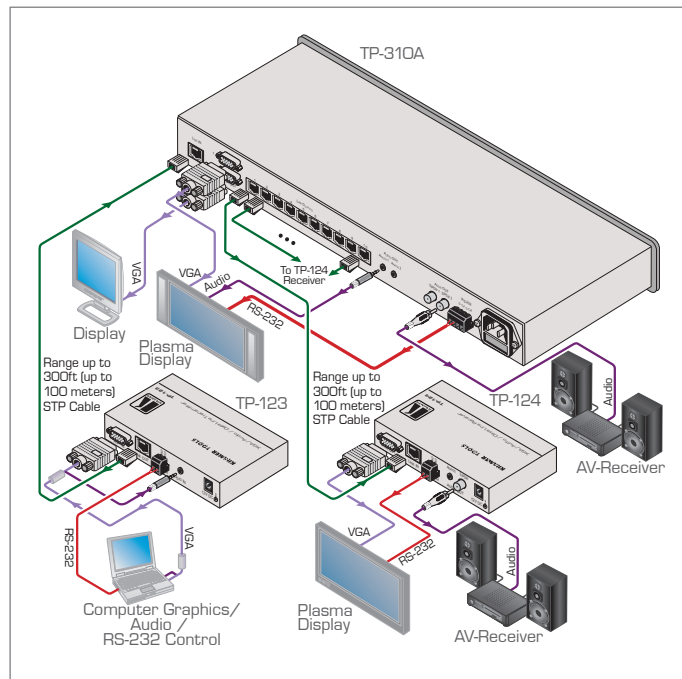| VGA/HD	TP	AUDIO	S/PDIF	RS-232

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

The TP-310A is a high-performance twisted pair receiver and distribution amplifier for computer graphics video, audio and RS-232 signals. The unit takes one twisted pair input and provides ten twisted pair outputs plus two computer graphics video, two stereo audio, two S/PDIF audio and two RS-232 outputs for local monitoring.

FEATURES

- HDTV Compatible.
- Max. Resolution - WUXGA & 1080p.
- Level (Gain) & EQ (Peaking) Controls - 15-pin HD outputs.
- Twisted Pair Connectors - RJ-45.
- Audio Output Connectors - 2 3.5mm (unbalanced) & 2 RCA (S/PDIF).
- RS-232 Output Connectors - 4-pin terminal block (2 x T x & Gnd).
- Sync Polarity Settings - H & V switches.
- System Range (Twisted Pair) - Up to 100m (320ft).
- Cable - UTP (unshielded twisted pair) or STP (shielded twisted pair) such as CAT 5.
- Power Connect™ System - Only the TP-310A needs to be connected to a power source when the devices are within 50m (150ft) of each other.
- Worldwide Power Supply - 100-240V AC.
- Standard 19" Rack Mount Size - 1U. Rack "ears" included.

TECHNICAL SPECIFICATIONS

INPUT:	1 RJ-45 TP LINE IN connector.
OUTPUTS:	10 RJ-45 TP LINE OUT connectors; 2 UXGA Video out connectors; 2 unbalanced stereo audio on 3.5mm mini jacks; 2 RCA S/PDIF out connectors; 1 4-pin terminal block for 2 RS-232 TxD out lines.
MAX. OUTPUT LEVEL:	Video: 1.3Vpp/75Vpp; Audio: 2.3V/10kΩ.
POWER OUTPUTS:	12V DC 0.5A max via each RJ-45 output (PINs 4, 5).
MAX. RESOLUTION:	WUXGA & 1080p.
BANDWIDTH (-3dB):	20Hz to 20kHz @1dB (audio).
SAMPLING RATE FOR S/PDIF:	48kHz.
S/N RATIO:	Audio: >75dB.
TOTAL GAIN:	Analog/analog: 0dB; Analog/ S/PDIF: -12dBFS (audio).
THD+N:	<0.02%.
POWER SOURCE:	100-240V AC, 50/60Hz, 50VA.
DIMENSIONS:	19 " x 9.3 " x 1U W, D, H, rack mountable.
WEIGHT:	3kg (6.6lbs) approx.
ACCESSORIES:	Power cord, rack "ears".

RANGE EXTENDERS & REPEATERS ▶ TRANSMITTERS & RECEIVERS ▶ COMPUTER (15-PIN HD)