

TP-210A

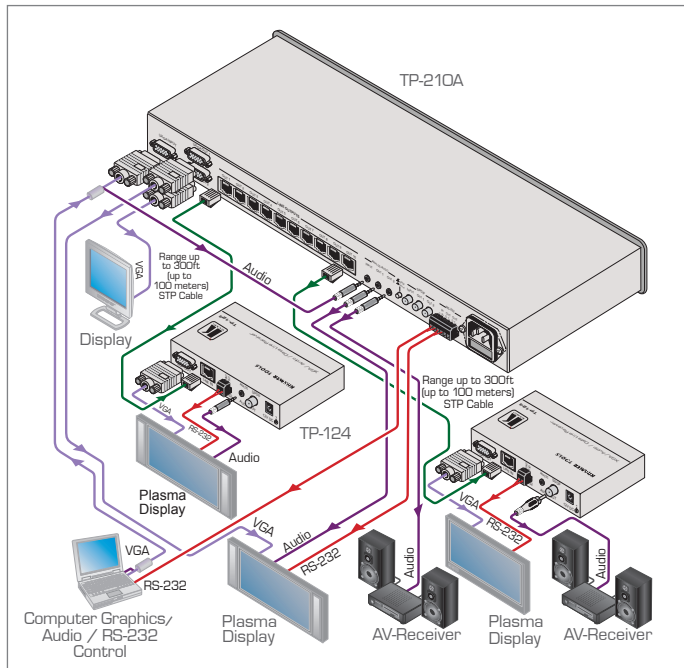
1:10 Computer Graphics Video, Audio & RS-232 Twisted Pair Transmitter & Distribution Amplifier



The **TP-210A** is a high-performance distribution amplifier for computer graphics video signals with resolutions up to UXGA, RS-232 signals and stereo or S/PDIF audio signals. The unit takes computer graphics video, stereo or S/PDIF audio and RS-232 signals and distributes each signal to two outputs plus ten twisted pair outputs.

FEATURES

- HDTV Compatible.
- Max. Resolution - UXGA & 1080p.
- Input - Computer graphics video (15-pin HD), stereo audio (3.5mm), S/PDIF (RCA) & RS-232 (terminal block).
- Output - 2 (each input format) and 10 twisted pair.
- Twisted Pair Connectors - RJ-45.
- Audio Input Connectors - 2 3.5mm (unbalanced) & 2 RCA (S/PDIF).
- RS-232 Input Connectors - 4-pin terminal block (2 x Tx, RX & 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-210A 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 - 1U. Rack "ears" included.



TECHNICAL SPECIFICATIONS

INPUT:	1 UXGA video on a 15-pin HD connector; 1 unbalanced stereo audio on a 3.5mm mini jack; 1 S/PDIF on an RCA connector; RS-232 with 1 Rx/D line on terminal block connectors.
OUTPUTS:	10 LINE OUT on RJ-45 connectors; 2 UXGA Video on 15-pin HD connectors; 2 unbalanced stereo audio on 3.5mm mini jacks; 2 S/PDIF on RCA connectors; RS-232 with 2 Tx/D lines on terminal block connectors.
MAX. OUTPUT LEVEL:	Video: 1.6V; Audio: 2.3V.
POWER OUTPUTS:	12V DC 0.5A max via each RJ-45 output (PINs 4, 5).
MAX. RESOLUTION:	UXGA & 1080p.
BANDWIDTH:	20Hz to 20kHz @1dB [audio].
SAMPLING RATE FOR S/PDIF:	48kHz.
S/N RATIO:	Audio: >75dB.
TOTAL GAIN:	Audio: Analog/analog: 0dB; Analog/S/PDIF: -12dBFS.
THD+N:	Audio: <0.02%.
POWER SOURCE:	100-240V AC, 50/60Hz, 46VA.
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

