TP-205A

1:5 Computer Graphics Video, Audio, & RS-232 Twisted Pair Transmitter & Distribution Amplifier

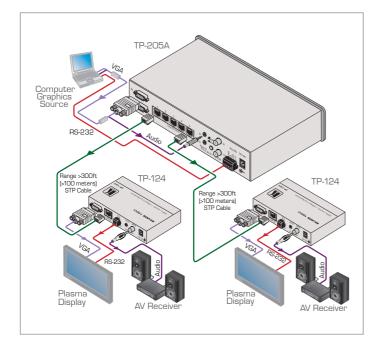| VGA	TP	AUDIO	S/PDIF	RS-232

The TP-205A 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 one set of inputs and outputs five twisted pair signals to compatible receivers.

FEATURES

- HDTV Compatible.
- Max. Resolution - WUXGA & 1080p.
- Input - Computer graphics video (15-pin HD), stereo audio (3.5mm), S/PDIF (RCA) & RS-232 (terminal block).
- Looping Input.
- Output - 5 RJ-45 connectors.
- Sync Polarity Settings - H & V switches for improved HDTV compatibility with the CAT 5 outputs.
- System Range - Up to 100m (320ft).
- Cable - UTP (unshielded twisted pair) or STP (shielded twisted pair) such as CAT 5.
- Power Connect™ System - A single connection to the transmitter or the receiver powers both units when the devices are within 150ft (50m) of each other.
- Desktop Size - Compact size. 2 units can be rack mounted side-by-side in a 1U rack space with the optional RK-1 adapter.

TECHNICAL SPECIFICATIONS

INPUT:	1 looping VGA/UXGA on 15-pin HD connectors; 1 looping unbalanced stereo audio on 3.5mm mini jacks; 1 looping S/PDIF audio on RCA connectors.
OUTPUTS:	5 RJ-45 connectors.
MAX. OUTPUT LEVEL:	Video: 1V; Audio: 2.3V.
MAX. RESOLUTION:	WUXGA & 1080p.
BANDWIDTH (-3dB):	Audio: 20Hz to 20kHz @0.5dB
S/N RATIO:	Audio: >80dB.
TOTAL GAIN:	Audio: Analog/analog: 0dB; Analog/ S/PDIF: −12dBFS.
THD+N:	Audio: <0.01%.
POWER SOURCE:	12V DC, 2A.
DIMENSIONS:	21.46cm x 16.25cm x 4.36cm (8.45" x 6.4" x 1.72") W, D, H.
WEIGHT:	1.2kg (2.65lbs) approx.
ACCESSORIES:	Power supply.
OPTIONS:	RK-1 19" rack adapter.

RANGE EXTENDERS & REPEATERS