



TP-185

8-Channel Computer Graphics Video, Audio & Data over Twisted Pair Transmitter



The TP-185 is a twisted pair transmitter for computer graphics, unbalanced stereo audio and RS-232/RS-485 signals. The unit takes up to eight channels of signals and transmits them over eight twisted pair outputs to compatible twisted pair receivers. The TP-185 is also the ideal companion to an eight output matrix switcher – easily converting the outputs to CAT 5.

FEATURES

- Max. Resolution - WUXGA.
- HDTV Compatible.
- Video Inputs - 8 computer graphics video & HDTV (Y, Pr, Pb) signals on 15-pin HD connectors.
- Audio Inputs - 8 stereo audio on 3.5mm mini-jack plugs.
- One-Source Data - RS-232 or RS-485 data from one source to any or all eight destination receivers.
- Outputs - 8 CAT 5 on RJ-45 connectors.
- System Range - Up to 100m (320ft). Greater distances possible depending on resolution and cable.
- Cable - UTP (unshielded twisted pair) or STP (shielded twisted pair) such as CAT 5.
- Standard 19" Rack Mount Size - 1U. Rack "ears" included.



TP-185

TECHNICAL SPECIFICATIONS

INPUTS:	8 UXGA on 15-pin HD connectors (VGA through WUXGA, supporting HDTV and component (YPbPr) signals); 8 unbalanced stereo audio 3.5mm mini jacks.
OUTPUTS:	8 TP on RJ-45 connectors.
RANGE:	Up to 100m (328ft).
RESOLUTION:	Up to WUXGA (1920 x 1200).
MAX. OUTPUT LEVEL:	Video: 1.6Vpp; Audio: 2.3Vpp.
CONTROLS:	RS-232 and RS-485 on 3-pin terminal blocks.
SERIAL BAUD RATE:	Up to 19200kbps.
SERIAL MODE:	Full-duplex.
AUDIO BANDWIDTH:	20Hz to 20kHz @0.5dB.
AUDIO S/N RATIO:	<-80dB.
TOTAL GAIN:	0dB.
AUDIO COUPLING:	AC.
AUDIO THD + NOISE:	<0.03%.
POWER SOURCE:	100-240V AC, 16VA.
DIMENSIONS:	48.26cm x 19.1cm x 1U (19" x 7.52" x 1U) W, D, H.
WEIGHT:	3.8kg (8.4lbs) approx.
ACCESSORIES:	Power cord, Windows® based control software, rack "ears".

