TP-133

Computer Graphics Video, Audio & Data
over Twisted Pair Transmitter with Auto EQ
& Skew

The TP−133 is a high−performance, extended range twisted pair transmitter for computer graphics video, balanced/unbalanced stereo audio and bidirectional RS−232 data signals. The TP−133 converts input signals to twisted pair signals and the TP−134 converts the twisted pair signals back into the original formats

FEATURES

Inputs - 1 computer graphics on a 15−pin HD connector, 1 unbalanced stereo audio on a 3.5mm mini jack, 1 balanced stereo audio on a terminal block connector, 1 RS−232 port on a 9−pin D−sub connector

Looping Inputs - Each input

Output - Twisted pair on a RJ−45

Resolution - Up to WUXGA, 1920x1200

RS-232 Port - Full−duplex, bidirectional transmission

Automatic Compensation - When used with a TP−134, the TP−134 automatically detects and compensates for the EQ losses and color delay differences in the TP cable

Cable - UTP (unshielded twisted pair) or STP (shielded twisted pair) cable such as CAT 5

System Range - Up to 200m (656ft)

Noise Protection - Increased level of protection against noise, spikes and interference in adverse environments

Compact MegaTOOLS™ - 2 units can be rack mounted side−by−side in a 1U rack space with the optional RK−T2B universal rack adapter

KRAMER

TECHNICAL SPECIFICATIONS

INPUTS:	1 computer graphics on a 15-pin HD connector, 1 unbalanced stereo audio on a 3.5mm mini jack, 1 balanced stereo audio on a 5-pin terminal block, 1 RS-232 bidirectional on a 9 pin D-sub connector
OUTPUTS:	1 looping computer graphics on a 15-pin HD connector, 1 looping balanced stereo audio on a 5-pin terminal block, 1 looping unbalanced stereo audio on a 3.5mm mini jack, 1 twisted pair on an RJ-45 connector
VIDEO RESOLUTION:	Up to WUXGA
AUDIO BANDWIDTH:	20Hz–20kHz (-3dB)
S/N RATIO:	84dB unweighted
COUPLING:	AC
AUDIO TND+N:	0.02% unweighted
RS-232 BAUD RATE:	Up to 115200bps, full-duplex
POWER CONSUMPTION:	5.3V DC, 450mA
TRANSMISSION RANGE:	Up to 200m (656ft)
PRODUCT DIMENSION:	18.75cm x 11.50cm x 2.54cm (7.38" x 4.53" x 1.00") W, D, H
PRODUCT WEIGHT:	0.3kg (0.7lbs) approx
SHIPPING DIMENSION:	35.10cm x 21.20cm x 7.20cm (13.82" x 8.35" x 2.83") W, D, H
SHIPPING WEIGHT:	0.5kg (1.1lbs) approx
OPERATING TEMPERATURE:	0° to +40°C (32° to 104°F)
STORAGE TEMPERATURE:	-40° to +70°C (-40° to 158°F)
HUMIDITY:	10% to 90%, RHL non-condensing
INCLUDED ACCESSORIES:	Power supply, AD-GF/GF 15-pin HD (F/F) gender changer
OPTIONS:	RK-T2B 19" rack adapter

DAT-Player

TP-133

CAT 5

VGA/Audio

RS-232

Computer
Graphics /
Audio / RS-232
Control

TP-134

Audio

Power Amplifier
with Speakers

Audio
VGA
RS-232

AV Display System
with Built-in
Speakers