



# KRAMER

## TP-134

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

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The TP-134 is a high-performance, extended range twisted pair receiver 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

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**Inputs** - 1 twisted pair on an RJ-45 connector

**Outputs** - 1 computer graphics video on a 15-pin HD, 1 unbalanced stereo audio on a 3.5mm, 1 balanced stereo audio on a terminal block

**Resolution** - Up to WUXGA, 1920x1200

**RS-232 Port** - Full-duplex, bidirectional transmission

**Automatic EQ Compensation** - Automatically detects and compensates for the EQ losses in the TP cable. Can also be set manually

**Automatic Skew Correction** - Automatic detects and corrects the differential delay in the R, G & B color components due to the TP cable. Can also be set manually

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

**Range** - Up to 200m (656ft)

**Control** - Skew: auto or manual (R, G & B); equalization (peaking): auto or manual

**Built in Test Pattern Generator** - for manually setting R, G & B skew and equalization

**Indicators** - Blue, Green/Link, Red/Power LEDs to set color and equalization

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



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## TECHNICAL SPECIFICATIONS

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INPUTS:	1 twisted pair on an RJ-45 connector
OUTPUTS:	1 computer graphics video on a 15-pin HD connector, 1 balanced stereo audio on a 5 pin terminal block, 1 unbalanced stereo audio on a 3.5mm mini jack, 1 RS-232 bidirectional on a 9-pin D-sub connector
CONTROLS:	Skew, equalization
VIDEO RESOLUTION:	Up to WUXGA
AUDIO BANDWIDTH (-3dB):	20Hz to 20kHz
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, 760mA
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:	28.50cm x 10.50cm x 5.90cm (11.22" x 4.13" x 2.32" ) W, D, H
SHIPPING WEIGHT:	0.5kg (1.1lbs) approx
TRANSMISSION RANGE:	Up to 200m (656ft)
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
OPTIONS:	RK-T2B 19" rack adapter

