

# TP-123/TP-123-od/TP-123EDID/TP-124/TP-124-od

Computer Graphics Video, Stereo Audio & RS-232 over Twisted Pair Transmitters & Receivers **NEW**



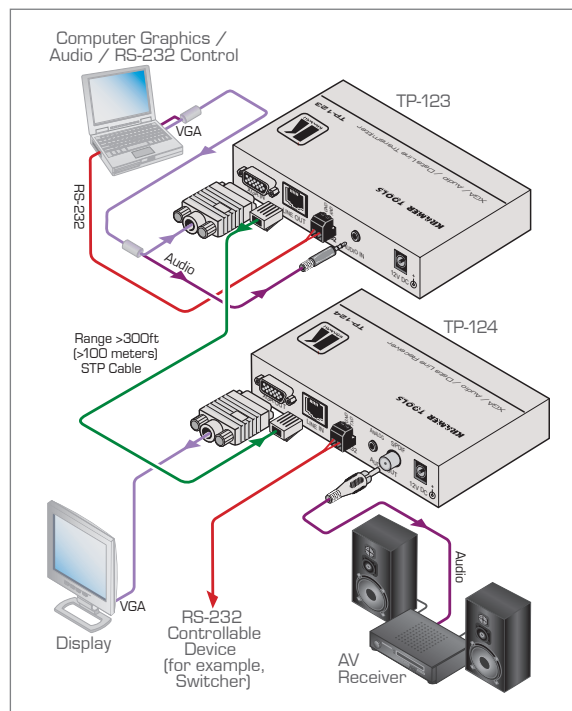
Compatible with HDTV component video signals when used with a breakout cable such as the Kramer C-GM/3RVF.



The **TP-123** and **TP-124** are twisted pair transmitters and receivers for computer graphics video, unbalanced stereo audio and RS-232 data signals. The **TP-123** converts computer graphics, audio, and RS-232 inputs to a twisted pair signal, and the **TP-124** converts the twisted pair signal back into computer graphics, audio and RS-232 data signals. The EDID model stores and recalls a default EDID setting in memory. The "od" models as a pair are protected from EMP voltage surges and support EDID.

## FEATURES

- Max. Resolution - WUXGA & 1080p.
- HDTV Compatible.
- EDID Capture - Copies and stores the EDID from a display device (TP-123EDID and TP-123-od).
- EMP Protection - The TP-123-od when used with the TP-124-od are protected from voltage surges induced by the electromagnetic field of nearby lightning. The system does not protect against direct lightning strikes.
- Unidirectional RS-232 - Maximum bit rate 19200bps.
- RS-232 Connect™ System - The unit can send RS-232 commands on the twisted pair cable on top of the video signal. All the system units must have RS-232 Connect to use this feature.
- 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.
- Twisted Pair Connectors - RJ-45 connectors.
- Audio Outputs - Unbalanced stereo and S/PDIF (24-bit/48kHz) simultaneously (TP-124).
- Level (Gain) and EQ (Peaking) Controls - TP-124 and TP-124-od.
- 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.
- Compact Kramer TOOLS™ - 3 units can be rack mounted side-by-side in a 1U rack space with the optional RK-3T rack adapter.



## TECHNICAL SPECIFICATIONS

<b>INPUTS:</b>	Video: 1VGA/UXGA on a 15-pin HD connector; Audio: 1 unbalanced stereo audio on a 3.5mm mini jack (TP-123); 1 RJ-45 OUT connector (TP-124).
<b>OUTPUTS:</b>	1 RJ-45 OUT connector (TP-123); Video: 1VGA/UXGA on a 15-pin HD connector; Audio: 1 audio S/PDIF RCA connector; 1 unbalanced stereo audio on a 3.5mm mini jack (TP-124).
<b>COMMUNICATION:</b>	RS-232 on 2-pin terminal block; maximum bitrate 19200bps.
<b>MAX. RESOLUTION:</b>	WUXGA & 1080p.
<b>S/N RATIO:</b>	Video: 58dB unweighted, 68.3dB @5MHz weighted; Audio: <-80dB.
<b>TOTAL GAIN:</b>	Audio: Analog/analog: 0dB; Analog/ S/PDIF: -12dBFS.
<b>COUPLING:</b>	AC.
<b>THD+N Audio:</b>	<0.01%.
<b>POWER SOURCE:</b>	12V DC, 60mA.
<b>DIMENSIONS:</b>	12cm x 7.5cm x 2.5cm (4.7" x 2.95" x 0.98") W, D, H.
<b>WEIGHT:</b>	0.3kg (0.67lbs) approx.
<b>ACCESSORIES:</b>	Power supply.
<b>OPTIONS:</b>	RK-3T 19" rack adapter.

RANGE EXTENDERS & REPEATERS

