

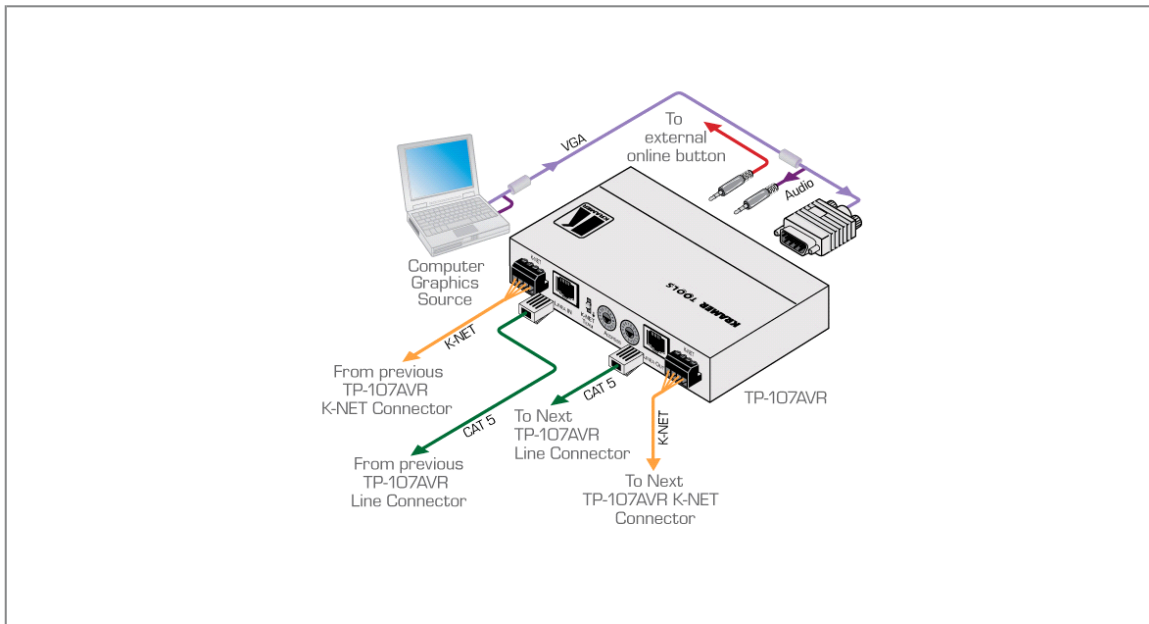


## TP-107AVR

2x1 Computer Graphics Video & Stereo Audio over Twisted Pair Transmitter



The **TP-107AVR** is a twisted pair transmitter for computer graphics video signals with resolutions exceeding UXGA and stereo audio signals. The unit switches between a twisted pair input and a computer graphic video input with stereo audio. It outputs to a single twisted pair that is sent to a compatible receiver.





## TP-107AVR

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### FEATURES

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- **Max. Resolution** - WUXGA.
- **Input** - 15-pin HD, 3.5mm & RJ-45.
- **Output** - RJ-45.
- **Unique System Interconnect** - Up to 16 TP-107AVR units can be interconnected in a daisy chain configuration using the twisted pair cable. Any one of these units can be selected to go online either by pressing the ON LINE button (front panel or contact closure) or remotely from an RC-108 or RC-116 controller via K-NET™ or from any room controller supporting RS-485 communication.
- **System Range** - Up to 100m (320ft). Greater distances possible depending on resolution, cable type and number of daisy chained units.
- **Cable** - STP (shielded twisted pair) such as Kramer BC-STP CAT 5.
- **Control** - Front panel button, contact closure (3.5mm), RS-485 or K-NET™ for interconnect switching.
- **K-NET™ Control Channel** - Power and control data provided over a single cable.
- **Looping K-NET™ Input** - For cascading multiple units.
- **Selectable K-NET™ Termination.**
- **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

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INPUTS:	1 XGA on a 15-pin HD connector; 1 CAT 5 on an RJ-45 connector (LINE IN); 1 unbalanced stereo audio on a 3.5mm mini jack.
OUTPUTS:	1 CAT 5 on an RJ-45 connector (LINE OUT).
MAX. OUTPUT LEVEL:	Video: 1.3Vpp; Audio: 3Vpp.
BANDWIDTH (-3dB):	Video: 150MHz; Audio: 20kHz.
DIFF. GAIN:	2.5%.
DIFF PHASE:	0.5Deg.
K-FACTOR:	0.2%.
S/N RATIO :	Video: 61dB @5MHz; Audio: 77dB @1MHz.
CROSSTALK (all hostile):	Video: -43dB @6MHz, video into audio.
CONTROLS:	K-NET™ (RS-485), RS-485 TERM slide switch, online button.
COUPLING:	AC.
AUDIO THD + NOISE:	0.152% @1MHz.
AUDIO 2nd HARMONIC:	0.009%.
POWER SOURCE:	12V DC, 180mA.
DIMENSIONS:	12cm x 6.95cm x 2.44cm (4.7" x 2.74" x 0.96"), W, D, H.
WEIGHT:	0.3kg (0.66lbs) approx.
ACCESSORIES:	Mounting bracket.
OPTIONS:	RK-3T 19" rack adapter.