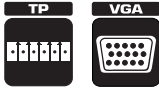


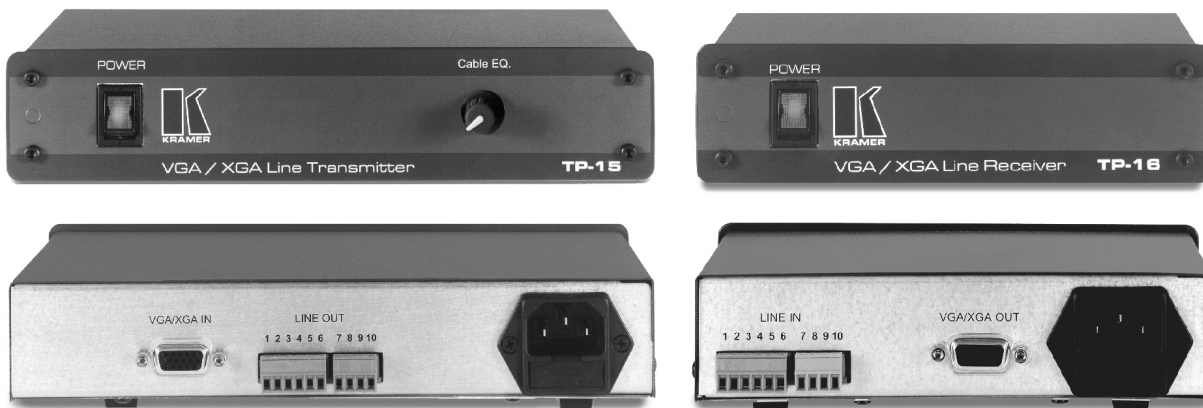
TP-15/TP-16

VGA/XGA Twisted Pair Transmitter / Receiver

GROUP 5



The Kramer **TP-15/TP-16** is a set of VGA/XGA-to-twisted pair transmitter and receiver. The **TP-15**, the transmitter, allows for cable equalization and signal amplification of the VGA/XGA signal, up to distances exceeding 300 ft. (100 meters) using simple CAT5, unshielded wires (UTP). It uses 5 pairs (or 4 pairs) of wires, amplifying the analog RGB signals as well as stabilizing and correcting the Horizontal and Vertical sync signals. The machines use detachable terminal block connectors for easy connection and system wiring. The **TP-15/TP-16** are dependable, rugged, and there are optional rack adapters available to rack mount them.



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TWISTED-PAIR INTERFACES

TECHNICAL SPECIFICATIONS

	TP-15	TP-16
INPUTS:	1 VGA/XGA - analog R, G, B - 0.7 Vpp/75 Ω , H, V syncs TTL level on an HD15F connector.	5 twisted pair sets, UTP on detachable terminal block connectors.
OUTPUTS:	5 twisted pair sets, UTP on detachable terminal block connectors.	1 VGA/XGA - analog R, G, B - 0.7 Vpp/75 Ω , H, V syncs TTL level on an HD15F connector.
BANDWIDTH (SET) (-3dB):	245MHz, @ 5m.	
DIFF. GAIN (SET):	0.09%	
DIFF. PHASE (SET):	0.13Deg.	
K-FACTOR:	0.05%	
VIDEO S/N RATIO (SET):	71dB.	
NON LINEARITY (SET):	0.3%	
CONTROLS:	HF above 4.5MHz O/+ 4.8dB, by front control, triple EQ. network.	NA.
POWER CONSUMPTION:	5.2 VA.	4.6VA.
POWER SOURCE:	230 VAC, 50/60 Hz, (115 VAC, U.S.A.).	230VAC, 50/60 Hz, (115VAC, U.S.A.).
DIMENSIONS (W,D,H):	22cm x 18cm x 4.5cm (8.6" x 7" x 1.8").	16.5cm x 12cm x 4.5cm (6.5" x 4.7" x 1.8").
WEIGHT:	1.3kg. (2.9lbs.). approx.	0.7 kg. (1.6 lbs.). approx.
OPTIONS:	RK-80 19" rack kit.	RK-50RN 19" rack kit.

TYPICAL APPLICATIONS

- Remote monitoring for CCTV, medical, schools, broadcast applications.
- Ideal for existing facilities with TP cable already installed.
- Teleconferencing in offices and hospitals using existing intercom or telephone wiring.

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