717

Composite Video & Stereo Audio over Twisted Pair Transmitter

The 717 is a twisted pair (TP) transmitter for composite video and unbalanced stereo audio signals. The unit converts composite video and stereo audio signals into a twisted pair signal and the 718 receiver converts the twisted pair signal back into the original formats.

FEATURES

- Bandwidth - 6.4MHz.
- 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.
- System Range - 718−05 up to 500m (1640ft), 718−10 up to 1000m (3280ft) & 718−15 up to 1500m (4920ft).
- Automatic Audio and Video Equalization (EQ) Control.
- 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.

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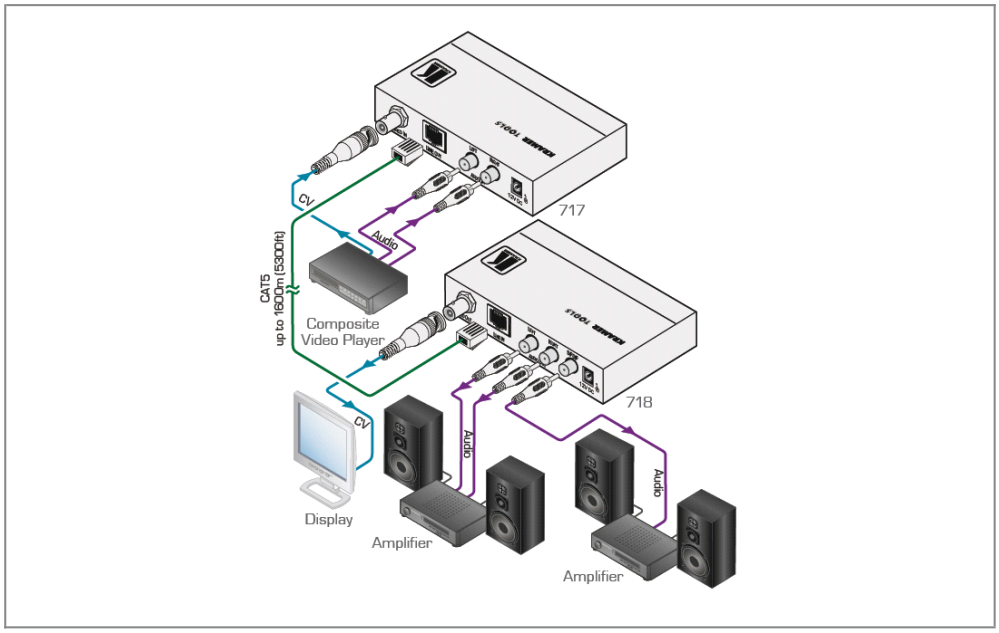
TECHNICAL SPECIFICATIONS

INPUTS:	1 composite video, 1Vpp/75Ω on a BNC connector, 1 unbalanced stereo audio, 16Vpp/10kΩ on two RCA connectors.
OUTPUTS:	1 twisted pair on an RJ−45 connector (717).
MAX. SIGNAL LEVEL:	Video: 1.45Vpp (terminated 75Ω), Audio: 20Vpp.
BANDWIDTH (–3dB) :	Video: 6.4MHz, Audio: 20Hz−20kHz.
S/N RATIO (unweighted) :	Video:>64dB RMS, Audio: >85db @1kHz.
DIFF GAIN:	0.6%.
DIFF PHASE:	0.1Deg.
K-FACTOR:	0.6%.
CONTROLS:	Fully automatic.
COUPLING:	Input: AC; Output: DC.
POWER CONSUMPTION:	12V DC, 120mA (717).
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.
DIMENSIONS:	12cm x 6.9cm x 2.4cm (4.7" x 2.7" x 0.96") W, D, H.
WEIGHT:	0.3kg (0.67lbs) approx. (each).
ACCESSORIES:	Power supplies, mounting brackets.
OPTIONS:	RK−3T 19” rack adapter.