WP-121

Active Wall Plate - Computer Graphics Video & Stereo Audio over Twisted Pair Transmitter with EDID

The WP-121 is a wall plate transmitter for computer graphics video signals up to and exceeding UXGA and unbalanced stereo audio. It converts the input signals into a twisted pair signal that it transmits to a compatible twisted pair receiver. The WP-121 is a US model.

FEATURES

- HDTV Compatible.
- Max. Resolution - UXGA & 1080p.
- EDID Capture - Copies and stores the EDID from a display device.
- Power Connect™ System - A single connection to the transmitter or the receiver powers both units when the devices are within 50m (150ft) of each other.
- System Range - Up to 100m (320ft).
- Cable - UTP (unshielded twisted pair) or STP (shielded twisted pair) such as CAT 5.
- Twisted Pair Connectors - RJ−45 or 9−pin terminal block connectors.
- Dimensions - 11.4cm x 3.5 cm x 11.4cm (4.49" x 1.4" x 4.49") W, D, H (US); 15.2cm x 3.5cm x 8.0/8.6cm (5.98" x 1.4" x 3.15/3.39") W, D, H (EU).
- Optional - RK−121WP 19" rack adapter (for EU size wall plates only).

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TECHNICAL SPECIFICATIONS

INPUTS:	1 UXGA on a 15−pin HD (F) connector; 1 unbalanced stereo audio on a 3.5mm mini jack.
OUTPUTS:	1 STP on an 9−pin terminal block; 1 STP on an RJ−45 connector.
MAX. OUTOUT LEVEL:	Video: 2Vpp, Audio: 2.8Vpp.
RESOLUTION:	Up to UXGA, 1080p.
AUDIO BANDWIDTH:	18kHz.
DIFF. GAIN:	1.8%.
DIFF. PHASE:	0.3Deg.
K-FACTOR:	<0.05%.
S/N RATIO:	Video: 60dB @5MHz, Audio: 71dB @1kHz.
COUPLING:	Video: AC, Audio: AC.
AUDIO THD + NOISE:	0.07%.
AUDIO 2nd HARMONIC:	0.001%.
POWER CONSUMPTION:	12V DC, 340mA (feeding TP−112 or TP−122−od receiver).
DIMENSIONS:	2 gang USA: 11.4cm x 3.5 cm x 11.4cm (4.49" x 1.4" x 4.49") W, D, H; 2 gang Europe: 15.2cm x 3.5cm x 8.0/8.6cm (5.98" x 1.4" x 3.15/3.39") W, D, H.
WEIGHT:	0.14kg (0.31lbs) approx.
INCLUDED ACCESSORIES:	Power supply.
OPTIONS:	RK−2WP 19" rack adapter.