WP-577VH

Active Wall Plate − HDMI & Computer Graphics with Bidirectional RS−232 & Stereo Audio DGKat Twisted Pair Transmitter

The WP−577VH is wall plate transmitter for HDMI and computer graphics video with unbalanced stereo audio and RS−232 signals. The unit encodes the input signals into DGKat twisted pair that it transmits to a compatible DGKat switcher or receiver.

FEATURES

- Max. Data Rate - 4.95Gbps (1.65Gbps per graphic channel).
- HDTV Compatible.
- HDCP Compliant.
- HDMI Support - x.v. Color™ and 3D.
- HPD (Hot Plug Detect) Signals - From the display device to the source.
- K-Link™ Compatibility - Uses RS−232 to control other Kramer devices and send data to remote, external RS−232 devices.
- System Range - Up to 90m (295ft) at 1080i, or up to 30m (98ft) at 1080p on shielded BC−DGKat524 cable. Up to 90m (295ft) at 1080i, or up to 70m (230ft) at 1080p on shielded BC−DGKat623 cable. Up to 100m (330ft) at 1080i or up to 90m (295ft) at 1080p on shielded BC−DGKat7a23 cable.
- Power Connect™ System - A single connection to the transmitter or the receiver powers both units. Compatible power connect sources: TP−578H and VS−62D.
- Automatic Live Input Detection - Based on video clock presence.
- Automatic Switching - To the last connected or priority video input.
- Automatic Analog Audio Detection and Embedding.
- Data Equalization and Reclocking.
- Protocol 3000 Support.
- Dimensions - US: 8.79cm x 11.8cm x 10.47 cm (3.46" x 4.65" x 4.12") W, D, H.
- Wall Plate Size - 2 gang Decora US.

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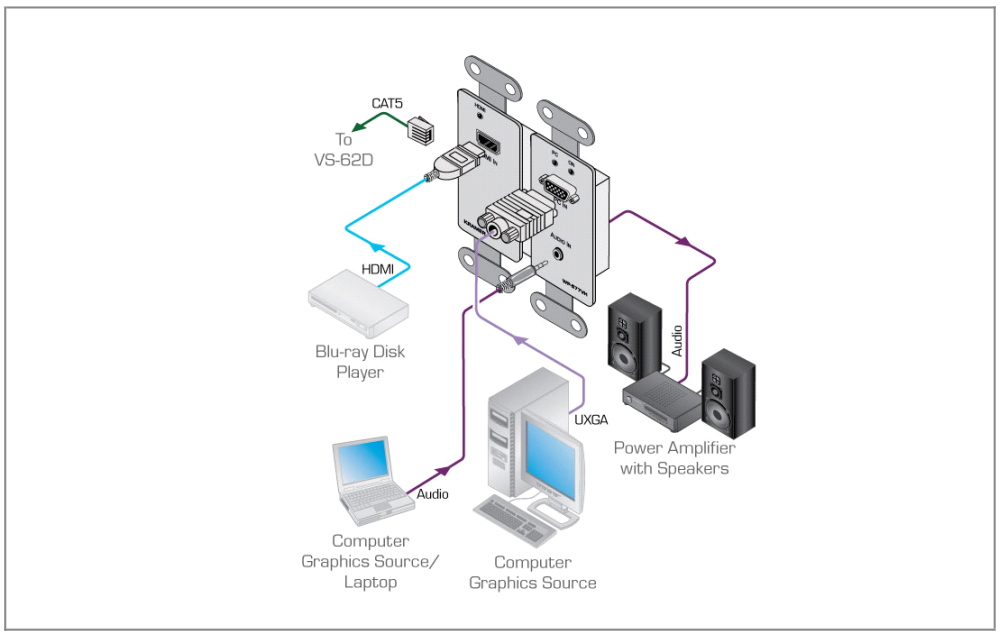
TECHNICAL SPECIFICATIONS

INPUTS:	1 HDMI on an HDMI connector, 1 VGA on a 15−pin HD (F) connector, 1 unbalanced stereo audio on a 3.5mm mini jack.
OUTPUTS:	1 DGKat TP on an RJ−45 connector, 1 unbalanced audio on a 3−pin terminal block.
PORTS:	1 Bidirectional serial port on a 3−way terminal block.
MAX. DATA RATE:	Up to 4.95Gbps (1.65Gbps bandwidth per graphic channel).
STANDARDS:	HDMI, x.v.Color™ and 3D, HDCP.
MAXIMUM TRANSMISSION DISTANCE:	90m (295ft) up to 1080p @60Hz.
POWER CONSUMPTION:	12V DC, 700mA.
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:	US: 8.79cm x 4.3cm x 10.47cm (3.46" x 1.69" x 4.12") W, D, H.
WEIGHT:	0.2kg (0.44lbs) approx.
INCLUDED ACCESSORIES:	Power supply.