VP-427A

HDBaseT to HDMI & Audio ProScale™ Receiver/Scaler

The Kramer VP−427A is a receiver/scaler for HDBaseT twisted pair, HDMI, bidirectional RS−232 and IR signals. The unit receives an HDBaseT signal that it converts to HDMI, IR and RS−232 signals. It up− or down−scales the picture to match the resolution of the HDMI monitor. It includes a simultaneous analog audio output of the embedded HDMI audio.

FEATURES

- **Max. Data Rate** - 6.75Gbps (2.25Gbps per graphic channel).
- **Bidirectional RS-232 Port** - For embedding/de−embedding control commands in the HDBaseT data stream.
- **Infrared Input and Output Ports** - For controlling devices over the HDBaseT data stream.
- **System Range** - Up to 70m (230ft).
- **Embedded Audio** - Support for LPCM 2CH.
- **Analog Audio Output** - Includes a simultaneous unbalanced stereo audio output of the embedded HDMI audio.
- **Constant Output Sync** - Even when the input video signal is lost or interrupted.
- **ProcAmp Control** - Contrast, brightness, fine tune & R, G, B level/gain.
- **On-Screen Display (OSD)** - For easy setup and adjustment, accessible via the front−panel buttons.
- **Non-Volatile Memory** - Saves final settings.
- **Freeze Button.**
- **USB Port** - For upgrading firmware.

INPUTS:	1 HDBaseT twisted pair on an RJ−45 connector, 1 IR on a 3.5mm mini jack.
OUTPUTS:	1 HDMI connector, 1 IR on a 3.5mm mini jack, 1 unbalanced stereo audio on a 3.5mm mini jack.
PORTS:	1 bidirectional RS−232 port on a 9−pin D−sub connector.
OUTPUT RESOLUTIONS:	Native, 480p, 570p, 720p, 1080i, 1080p, 640x480, 800x600, 1024x768, 1280x800, 1280x1084, 1360x768, 1400x1050, 1440x900, 1600x1200, 1680x1050, 1920x1200.
OUTPUT REFRESH RATE:	60Hz for computer graphics resolutions, 50/60Hz for HDTV resolutions.
LATENCY:	30ms approx.
VIDEO COLOR DEPTH:	Input: 8/10/12−bit, output: 8−bit.
EMBEDDED AUDIO:	Supports LPCM 2CH.
RS-232 BAUDRATE:	115200bps max.
CONTROLS:	Front panel buttons, 1 USB for programming.
INDICATORS:	ON LED.
POWER CONSUMPTION:	5V DC, 1.5A.
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:	18.8cm x 11.4cm x 2.5cm (7.4" x 4.5" x 1.0") W, D, H.
WEIGHT:	0.45kg (1.0lb).
INCLUDED ACCESSORIES:	Power supply.
OPTIONS:	RK−T2B 19" rack adapter.