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VP-427A

HDBaseT to HDMI & Audio ProScale™
Receiver/Scaler

| HDMI | HDBaseT



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



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TECHNICAL SPECIFICATIONS

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
INCLUDED ACCESSORIES:	Power supply
Product Dimensions	18.75cm x 11.50cm x 2.54cm (7.38" x 4.53" x 1.00") W, D, H
Product Weight	0.5kg (1.0lbs) approx
Shipping Dimensions	34.50cm x 16.50cm x 5.20cm (13.58" x 6.50" x 2.05") W, D, H
Shipping Weight	1.0kg (2.2lbs) approx



