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
### 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