



## VP-439

HDMI, PC and CV to HDMI Classroom Switcher / Scaler



The VP-439 is a high-performance digital scaler for computer graphics video, composite and HDMI signals, including audio. It up/down scales the selected HDMI, CV or computer graphics video/YPbPr input and outputs it to HDMI on a DVI-I connector.

### FEATURES

- Maximum Resolution - Up to 1080p/WUXGA.
- HDTV Compatible.
- HDCP Compliant.
- Auto Switching - Searches for a valid signal when the input signal is lost.
- Automatic Input Audio Detection and Selection - Selects embedded audio for HDMI inputs, or analog audio when DVI is detected.
- Auto-Power Down - If no input signal is detected for 2 to 3 minutes, output is shut down.
- Analog Audio Inputs - For CV, PC and HDMI.
- Lip Sync Delay
- On-Screen Display (OSD) - For easy setup and adjustment, accessible via the front-panel buttons.
- Flexible Control Options - Front panel buttons, OSD (on-screen display), Web page, Ethernet, RS-232.
- Built-in ProcAmp - For convenient adjustment of video parameters, such as brightness, contrast, color, sharpness and hue.
- Non-Volatile Memory - Saves final settings.

## TECHNICAL SPECIFICATIONS

|                        |   |
|------------------------|---|
| INPUTS:                | 1 HDMI with unbalanced stereo on a 3.5mm mini jack, 1 PC/HD (RGBHV/YPbPr) on a 15-pin HD connector with unbalanced stereo on a 3.5mm mini jack, 1 composite video on an RCA connector with unbalanced stereo on 2 RCA connectors. |
| OUTPUTS:               | 1 HDMI on a DVI-I connector with unbalanced stereo on 2 RCA connectors.   |
| PORTS:                 | 1 Ethernet on an RJ-45 connector, 1 RS-232 on a 9-pin D-sub connector.  |
| OUTPUT COLORSPACE:     | RGB/YPbPr.  |
| OUTPUT RESOLUTIONS:    | 1080i, 1080p, 576i, 576p, 720p, 1080i, 1080p, WXGA, WSXGA, WUXGA, 1280x800, WXGA+, SXGA+, NATIVE, VGA, SVGA, XGA, SXGA, UXGA, 480i, 480p, 1600x900.   |
| OUTPUT REFRESH RATE:   | 60Hz for computer graphics resolutions, 50/60Hz for HDTV resolutions.   |
| PROCESSING DELAY:      | 30ms approx.  |
| CONTROLS:              | Front panel buttons, menu-driven OSD control, Web page.   |
| POWER CONSUMPTION:     | 5V DC, 1.1A.  |
| 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.   |
| OPTIONAL ACCESSORIES:  | RK-1 19" rack adapter.  |
| PRODUCT DIMENSIONS:    | 21.46cm x 16.30cm x 4.36cm (8.45" x 6.42" x 1.72" ) W, D, H   |
| PRODUCT WEIGHT:        | 1.0kg (2.2lbs) approx.  |
| SHIPPING DIMENSIONS:   | 35.10cm x 21.20cm x 7.20cm (13.82" x 8.35" x 2.83" ) W, D, H  |
| SHIPPING WEIGHT:       | 1.6kg (3.5lbs) approx.  |

