



VP-439

HDMI, PC and CV to HDMI ProScale™ Digital 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 & VGA on a DVI-I connector.

FEATURES

- Maximum Resolution - Up to 1080p/WUXGA.
- HDTV Compatible.
- HDCP Compliant - With selectable enable/disable.
- 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 detected for 2 to 3 minutes, HDMI output is shut down, and PC output syncs are disabled.
- 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 + VGA 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.
DIMENSIONS:	21.5cm x 16.3cm x 4.36cm (8.46" x 6.4" x 1.7") W, D, H.
WEIGHT:	1.1kg (2.43lb) approx.
SHIPPING DIMENSIONS:	35.1cm x 21.2cm x 7.2cm (13.8" x 8.4" x 2.8") W, D, H.
SHIPPING WEIGHT:	1.6kg (3.5lb) approx.
INCLUDED ACCESSORIES:	Power supply.
OPTIONAL ACCESSORIES:	RK-1 19" rack adapter.

