



VP-734

7-Input 4K UHD Presentation Switcher/Scaler



The VP-734 is a 7-input presentation switcher/scaler with four HDMI, one DisplayPort and two user-definable (universal) analog video inputs. It up- and down-scales to selectable graphics or HDTV output resolutions (up to 4K UHD) and provides fast fade-thru-black switching between sources. VP-734 supports analog and embedded audio inputs and outputs and includes rich audio functionality and a stereo loudspeaker output.

FEATURES

- Kramer's PixPerfect™ Scaling Technology - Kramer's precision pixel mapping and high quality scaling technology.
- Fast Fade-Thru-Black (FTB™) Switching - For smooth, glitch-free switching. The output signal provides constant sync so the display never glitches.
- HDTV Compatible. HDCP Compliant.
- Output Resolutions - With selectable refresh rates: up to 4K UHD.
- Scaled Video Outputs - HDMI and 15-pin HD computer graphics.
- Multiple Aspect Ratio Selections.
- Scales & Zooms.
- 7 Stereo Analog Audio Inputs - On 3.5mm connectors.
- Embed/De-embed Audio - On the HDMI and DisplayPort inputs and output.
- Advanced Noise Reduction Features - Improve video quality by reducing artifacts such as block, chroma and mosquito noise.
- Powerful Audio Features - With DSP technology including audio equalization, mixing, delay and so on. Audio breakaway and audio-follow-video support, selectable audio delay.
- Stereo Speaker Output - 10W per channel into 8Ω, on a 4-pin terminal block connector.
- Built-in Video Proc-Amp - Color, hue, sharpness, contrast, and brightness are set individually for each input.
- Firmware Upgrade - Ethernet-based, via a user-friendly software upgrade tool.
- OSD (On-Screen Display) - For user-friendly control and adjustments.
- Advanced EDID Management.
- AP for Text Overlay Support.
- USB Port - For use with flash drive to download custom splash-screens and video logos and for storing/downloading the machine configurations.
- Non-Volatile Memory - Saves final settings and setup configurations.
- Flexible Control Options - Front panel buttons, IR remote control, RS-232, Ethernet with Web browser.

TECHNICAL SPECIFICATIONS

INPUTS:	4 HDMI connectors, 2 universal (composite, s-Video, computer graphics and component) on 15-pin HD connectors, 1 DP connector, 1 S/PDIF on an RCA connector, 7 unbalanced stereo audio on 3.5mm mini jacks.
OUTPUTS:	1 HDMI connector, 1 PC (computer graphics) on a 15-pin HD connector, 1 balanced audio stereo output on a 5 pin terminal block (+4dBu nominal), 1 stereo speaker output (10W per channel into 8Ω) on a 4-pin terminal block connector, 1 digital S/PDIF output on an RCA connector.
PORTS:	1 USB connector, RS-232, Ethernet.
COMPLIANCE WITH HDMI STANDARD:	Supports HDMI and HDCP.
OUTPUT RESOLUTIONS:	Native HDMI, Native VGA, 640x480x60Hz, 640x480x75Hz, 800x600x50Hz, 800x600x60Hz, 800x600x75Hz, 1024x768x50Hz, 1024x768x60Hz, 1024x768x75Hz, 1280x768x50Hz, 1280x768x60Hz, 1280x720x60Hz, 1280x800x60Hz, 1280x1024x50Hz, 1280x1024x60Hz, 1280x1024x75Hz, 1366x768x50Hz, 1366x768x60Hz, 1400x1050x50Hz, 1400x1050x60Hz, 1600x900x60Hz (R), 1600x1200x50Hz, 1600x1200x60Hz, 1680x1050x60Hz, 1920x1080x60Hz, 1920x1200x60Hz (R), 2048x1080x50Hz, 2048x1080x60Hz, 3840x2160@24Hz, 3840x2160@25Hz, 3840x2160@29.97Hz, 3840x2160@30Hz, 4096x2160@24Hz, 480px60Hz, 576px50Hz, 720px50Hz, 720px60Hz, 1080ix50Hz (1080i/1080px50Hz), 1080ix60Hz (1080i/1080px60Hz), 1080px50Hz, 1080px60Hz, 1080px24Hz, 480px59.94Hz, 720px59.94Hz, 1080ix59.94Hz (1080i/1080px59.94Hz), 1080px23.98, 1080px29.97, 1080px59.94, Custom 1 to Custom 4.
CONTROL:	Front panel buttons/OSD, IR remote control, RS-232 on a 9-pin D-sub connector, Ethernet.
ADDITIONAL CONTROLS:	Freeze, blank and zoom, different selectable vertical refresh rates, Video and Audio ProcAmp control, output image scaling and aspect ratio change, EDID capture.
POWER SOURCE:	100–240V AC, 50/60Hz, 49VA.
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:	19" x 9.3" x 1U (W, D, H) rack mountable.
WEIGHT:	2.45kg (5.4lbs) approx.
INCLUDED ACCESSORIES:	Rack "ears", IR remote control, power cord.

