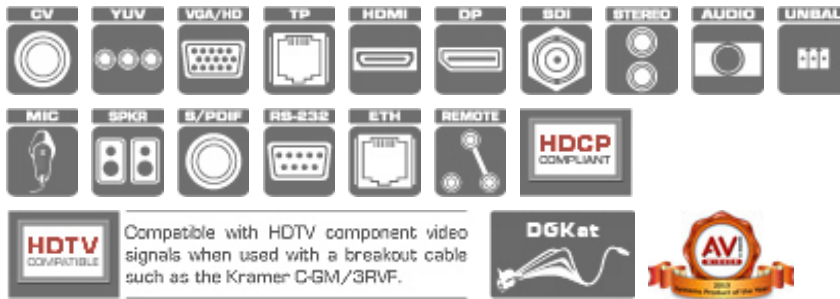




## VP-771

### 9-Input ProScale™ Presentation Switcher/Scaler with Speaker Outputs



The **VP-771** is a high-quality presentation switcher and scaler for a variety of signals. It accepts one of nine inputs: component video, DisplayPort (DP), 3G HD-SDI, two computer graphics, two composite video and two HDMI signals. It scales the video, embeds the audio, and outputs the signal to one HDMI, one computer graphics, one 3G HD-SDI and one DGKat TP, together with digital audio, unbalanced stereo and a 2x10-watt amplified balanced stereo speaker output.

## FEATURES

- **K-IIT XL™ Picture-in-Picture Image Insertion Technology** - Ultra-stable picture-in-picture, picture-and-picture, and split screen capability. Any video source can be inserted into or positioned next to any other video source with full window positioning and sizing controls.
- **Kramer's PixPerfect™ Scaling Technology** - Kramer's precision pixel mapping and high quality scaling technology. High-quality 3:2 and 2:2 pull down de-interlacing and full up and down scaling of all video input signals.
- **Ultra-Fast Fade-Thru-Black (FTB™) Switching** - Video switching transitions are clean and ultra fast. The video fades to black and the new input fades from black for smooth, glitch-free switching. The output signal provides constant sync so the display never glitches.
- **Advanced Deinterlacing Functions** - Method, sync, selectable film modes, diagonal correction and motion detection sensitivity, 3:2 and 2:2 pull-down; 24sf handling.
- **HDTV Compatible.**
- **HDCP Compliant** - The HDCP (High Definition Content Protection) license agreement allows copy-protected data on the HDMI input to pass only to the HDMI output.
- **Multi-Standard Operation** - SDI (SMPTE 259M and SMPTE 344M), HD-SDI (SMPTE 292M) and 3G HD-SDI (SMPTE 424M).
- **Advanced Input and Output EDID Management.**
- **Mass Notification Emergency Communication System (MNEC)** - Activates a national or campus-wide notification, immediately displayed when an emergency situation develops. It uses automatic text overlaying, either via a crawler or a full screen cover up, as well as an optional audio alert.
- **DGKat™ Signal Integration** - Kramer's unique technology for converting TMDS as well as control and communication to signals that run over twisted pair cables. We strongly recommend using Kramer DGKat™ cables designed specifically for optimum performance.
- **Range** - Up to 90m (295ft) at 1080i, or up to 30m (98ft) at 1080p on shielded BC-DGKat524 cable. Up to 90m (295ft) at 1080i, or up to 70m (230ft) at 1080p on shielded BC-DGKat623 cable. Up to 100m (330ft) at 1080i or up to 90m

(295ft) at 1080p on shielded BC-DGKat7a23 cable.

- **Video Inputs** - Component (Y, Pb, Pr) video on RCA connectors, DisplayPort (DP), SD/HD/3G HD-SDI (including SDI loop) on BNC connectors, 2 computer graphics on 15-pin HD connectors, 2 composite video on RCA connectors and 2 HDMI.
- **Scaled Outputs** - HDMI, computer graphics on a 15-pin HD connector, SD/HD/3G HD-SDI on a BNC connector and DGM at twisted pair on an RJ-45 connector.
- **SDI Channeling** - Select one active signal and three bypassed signals from eight embedded stereo audio channels.
- **Multiple Output Resolutions** - Up to 2K and 1080p.
- **HDMI Deep Color Support.**
- **Luma Keying** - Via PIP window.
- **Vertical Keystoning.**
- **Built-in ProcAmp** - Color, sharpness, contrast, brightness and gamma are set individually for each input.
- **3D Comb Filtering** - Provides the best quality color separation for composite video inputs.
- **Built-in Time Base Corrector** - Stabilizes unstable video sources.
- **Powerful Noise Reduction Filters** - Temporal, block, mosquito and combing.
- **Picture Zooming** - Both on main and PIP window from 100% to 1600%, including separate V and H sharpness control.
- **Multiple Aspect Ratio Selections** - Follow input, follow output, best fit, letterbox and overscan.
- **Dual Window Display** - Preset picture-in-picture, picture-and-picture and split screens, as well as customized window layouts.
- **Audio Inputs** - 2 HDMI, 2 computer graphics and 1 DisplayPort and 1 microphone in on 3.5mm mini jacks; 2 CV and 1 S/PDIF on RCA connectors.
- **Audio Outputs** - 1 S/PDIF on an RCA connector, 1 unbalanced stereo audio on a 3-pin terminal block connector.
- **Built-in Audio Power Amplifier** - 10W per channel audio amplifier with speaker outputs.
- **HDMI Audio** - Embeds/de-embeds HDMI audio with delay of 0-90msec for lip-sync correction.
- **Microphone Input** - Supports mix and talk-over features, as well as 0-90msec delay to prevent feedback.
- **Non-Volatile Memory** - Saves final settings.
- **Firmware Upgrades** - Via Ethernet and RS-232.
- **Flexible Control Options** - Front panel buttons, contact closure, OSD (on-screen display) via front panel buttons or IR remote (remote control included), Control Application software for use via Ethernet and RS-232.
- **Selectable Power Save Modes.**
- **Worldwide Power Supply** - 100-240V AC.

**CONTROLS:** Front panel buttons, OSD, IR remote control, RS-232 on a 9-pin D-sub connector, Ethernet, contact closure.

**POWER CONSUMPTION:** 100-240V AC, 56VA max.

**OPERATING TEMPERATURE:** 0° to +40°C (32° to 104°F).

**STORAGE TEMPERATURE:** -40° to +70°C (-49° to 158°F).

**HUMIDITY:** 10% to 90%, RHL non-condensing.

**DIMENSIONS:** 19" x 9.3" x 1U (W, D, H) rack mountable.

**WEIGHT:** 2.5kg (5.5lbs) approx.

**INCLUDED ACCESSORIES:** Power cord, rack "ears", IR remote control.