VP-747

8x2:3 ProScale™ In-CTRL™ Dual Scaler Seamless Switcher

| ETH | INFRA RED | HDMI | RS-232 | RS-485 | VGA | HDTV COMPATIBLE |

The VP-747 In-CTRL Dual Scaler Seamless Switcher is a true multi-standard scaler and seamless switcher with 8 universal inputs comprised of 5 BNCs each, any of which can accommodate a composite video, s-Video (Y/C), component video (RGB/YUV), RGBS, or RGBHV signal. Inputs 1 and 2 also can be configured to HDMI/DVI inputs. The unit has dual scalers, one for the preview and the other for the program output. Dual scalers are required to do "true" seamless transitions from one source to another.

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FEATURES

- **HQV® Video Processing** - HQV (Hollywood Quality Video) processing represents the state-of-the-art in video processing technology, with the highest quality de-interlacing (with 3:2 & 2:2 pull down), noise reduction, and scaling performance for both standard-definition and high-definition signals.
- **True Seamless Switching with FX** - With the incorporation of two scalers, the unit can switch absolutely seamlessly between two live sources. Transitions include cut and fade plus numerous other effects each with multiple variations and speeds.
- **Dual Scalers with Preview and Program Outputs** - Perfect for live productions. Both preview and program signals are simultaneously output as RGBHV/YUV on sets of 5 BNC connectors, on 15-pin connectors, and as HDMI (on DVI connectors).
- **K-IIT™ Picture-in-Picture Image Insertion Technology** - Ultra-stable picture-in-picture image insertion capability. Any video source can be inserted into a computer graphics video source and vice versa with positioning and sizing controls available to the user. A unique split-screen mode is also available.
- **Projector Anywhere™ Technology** - Horizontal & vertical geometry controls to compensate for off-axis projector placement.
- **HDTV Compatible.**
- **HDCP Compliant** - The HDCP (High Definition Content Protection) license agreement allows copy-protected data on the HDMI/DVI inputs to pass only to the HDMI/DVI output.
- **Companion Audio Switcher Available** - The VP-727A (unbalanced stereo) and VP-727A-BA (balanced stereo) are 8x2 audio companion switchers for the VP-747. These units switch eight stereo audio inputs to the selected preview and program outputs.
- **Take Button** - Execute preview to program switching (with transition effect).
- **8 Universal Video Inputs** - Each input has 5 BNCs which can be configured to accept composite video, s-Video (Y/C), component video (RGB/YUV), RGBS, or RGBHV signals. Inputs 1 & 2 can be switched to the DVI-I input connectors for HDMI or DVI signals.

TECHNICAL SPECIFICATIONS

INPUT:	2 HDMI/DVI on DVI connectors (HDMI version 1.2 and HDCP version 1.2); 8 sets of universal BNC connectors: R/Pr, G/Y/CV, B/Pb/C, Hs/Cs, and Vs, each programmable for use as CV, Y/C, RGB, YCbCr, YPbPr, RGBS or RGBHV.
PREVIEW OUTPUT:	1 HDMI/DVI on DVI connector (HDMI version 1.2 and HDCP version 1.2); 1 VGA (VGA through UXGA) on a 15-pin HD (F) connector; 1 RGBHV/YPbPr on BNC connectors.
PROGRAM OUTPUT:	1 HDMI/DVI on DVI connector (HDMI version 1.2 and HDCP version 1.2); 1 VGA (VGA through UXGA) on a 15-pin HD (F) connector; 1 RGBHV/YPbPr on BNC connectors.
Computer Output Resolutions	VGA (640x480), SVGA (800x600), 832x624, 852x480, XGA (1024x768), 1280x720, 1280x768, SXGA (1280x1024), 1366x768, 1365x1024, 1400x1050, UXGA (1600x1200) & custom.
HDTV Output Resolutions:	480p, 576p, 720p, 1080i & 1080p.
CONTROLS:	Front panel buttons, high-contrast LCD, IR remote control, ETHERNET, AUDIO CONTROL, RS-232, RS-485, and optional T-bar remote controller.
ADDITIONAL CONTROLS:	Freeze, zoom, different selectable vertical refresh rates, ProcAmp control, output image scaling, Picture-In-Picture, text overlay, and aspect ratio change.
POWER SOURCE:	100-240V AC, 50/60Hz, 55VA.
DIMENSIONS:	19" x 7" x 3U W, D, H, rack mountable.
WEIGHT:	5.5kg (12.2lbs) approx.
ACCESSORIES:	IR remote control, power cord.
OPTIONS:	Control panel.