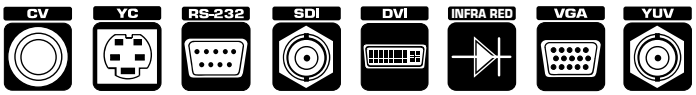
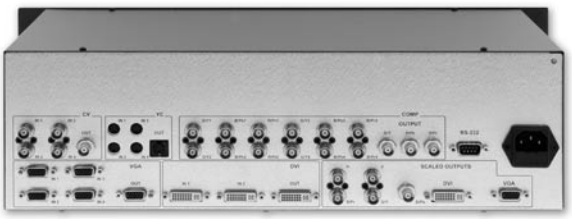
VP-725DS/VP-725DSA

ProScale 7 - Presentation Switcher/Scaler

NEW



The **VP-725DS** is a true multi-standard video to graphics scaler and presentation switcher for a wide variety of presentation and multimedia applications. It consists of a very high quality scaler with many user-selectable pixel-rates including VGA, SVGA, XGA, SXGA and UXGA; HDTV (480p, 720p and 1080i); and several optimum plasma and LCD rates such as 1365 x 1024, 1366 x 768 and 1024 x 852. The unit also offers 3:2 and 2:2 pull-down. The **VP-725DS** consists of 5 video groups—composite video, s-Video, component video (RGB or YPbPr), DVI-D and VGA—and each group has 4 inputs (except for DVI which has 2 inputs). In addition to providing an up- or down- scaled output of the selected (1 of 18) inputs, the machine also functions as 4 x 1 switchers for each video group (2 x 1 for DVI). The unit has ProcAmp controls for the scaler output; the image can be "Frozen" at any instant; and the output colorspace can be selected (RGB or YPbPr). The unit also has a text overlay feature for easy insertion of subtitles, karaoke script, text banners, and so on. In addition, the unit includes a Picture-In-Picture (PIP) inserter for insertion of any video source into a graphics background - or vice-versa. This PIP image may be positioned and sized anywhere on the screen, or displayed as 2 images side-by-side (Split-Screen). The **VP-725DS** is designed for video only, whereas the **VP-725DSA** has all the features of the **VP-725DS** in addition to a full set of audio features. The **VP-725DSA** has a stereo balanced audio input corresponding to each of the 18 video inputs; and similarly for the group outputs. Also, there is an independent Master Audio output. Switching of the audio may be done independently of the video (audio-breakaway), or Audio-Follow-Video operation may be selected. The user can adjust the volume on each input and output; and the Master output has a rich set of ProcAmp features, including bass and treble controls. In addition, the user may use a microphone input, either by mixing, switching or talk-over. Control of the units may be via a user-friendly menu-driven OSD and/or a high contrast LCD, RS-232, an IR remote control and Ethernet. They are housed in a rugged, professional 19" 3U rack-mountable metal enclosure and use a universal 100-240VAC automatic power supply.



TECHNICAL SPECIFICATIONS

INPUT:	4 x CV 1Vpp/75Ω on BNC connectors; 4 x YC 1Vpp (Y), 0.3Vpp (C)/75Ω on 4p connectors; 4 x Component (Y/G, Pb/B, Pr/R) on BNC connectors; 4 x VGA (VGA through UXGA) on HD15F connectors; 2 x DVI-D on DVI-I connectors. VP-725DSA: 18 x balanced stereo audio on terminal block connectors, 22dBm; microphone on a female XLR connector.
OUTPUTS:	GROUP OUTPUTS: 1 x CV 1Vpp/75Ω on a BNC connector; 1 x YC 1Vpp (Y), 0.3Vpp (C)/75Ω on 4p connector; 1 x Component (Y/G, Pb/B, Pr/R) on BNC connectors; 1 x VGA (VGA through UXGA) on an HD15F connector; 1 x DVI-D on a DVI-I connector. SCALED OUTPUTS: 1x RGBHV (VGA format)/component HDTV on an HD15F connector; 1 x RGBHV / YPbPr on BNC connectors; 1 x DVI-D on a DVI-I connector. VP-725DSA: 6 x balanced stereo audio on terminal block connectors, 22dBm.
OUTPUT RESOLUTIONS:	VGA (640 x 480), SVGA (800 x 600), XGA (1024 x 768), SXGA (1280 x 1024), UXGA (1600 x 1200), 1024 x 852,1024 x 1024, 1366 x 768, 1365 x 1024, 1280 x 720, 720 x 483, 852 x 480, 1400 x 1050, 480p, 720p, and 1080i, as well as a user definable output mode.
CONTROL:	Front panel touch switches, IR remote control, RS-232, Ethernet; with OSD and front-panel LCD.
ADDITIONAL CONTROLS:	Freeze, zoom, different selectable vertical refresh rates, ProcAmp control, output image scaling, Picture-In-Picture, text overlay, and aspect ratio change. VP-725DSA: independent volume control of each input and output. Volume, bass, treble, loudness and balance control of master audio output.
POWER SOURCE:	100-240 VAC, 50/60Hz.
DIMENSIONS:	19" (W), 9.3" (D), 3RU (H).
ACCESSORIES:	IR remote control, power control.

TYPICAL APPLICATIONS

- Projection systems in conference rooms, board rooms, auditoriums, hotels, and churches.
- Any application in which high quality conversion and switching of multiple and different video signals to graphical data is required for projection and large display purposes.