



VP-473

3G HD-SDI to Computer Graphics ProScale™ Digital Scaler



The VP-473 is a high-performance digital scaler for 3G HD-SDI signals. It up- or down-scales the incoming video to computer graphics, SD or HD video resolutions that it outputs to a 15-pin HD connector. It also de-embeds the audio to unbalanced stereo audio on RCA connectors.

FEATURES

- Multi-Standard Operation - SDI (SMPTE 259M), HD-SDI (SMPTE 292M) and 3G HD-SDI (SMPTE 424M).
- HDTV Compatible.
- Looping Input - Reclocked and equalized.
- Video Output - 15-pin HD.
- Audio Output - Unbalanced stereo audio on RCA connectors.
- Computer Graphics Resolutions - SVGA, XGA, 1360x768, WXGA, SXGA, 1440x900, SXGA+, WSXGA+, UXGA, WUXGA, 720x576 @50Hz, 720x480 (NTSC), 1280x720 @50/60Hz (HD 720), 1920x1080 @50/60Hz (HD 1080).
- Selectable Output Size & Aspect Ratio - Full, panscan, letterbox, underscan and overscan settings.
- Built-In ProcAmp Features - Color hue, sharpness, contrast and brightness.
- Freeze Button.
- Non-Volatile Memory - Saves final settings.
- Controls - Front panel buttons with OSD (On-Screen Display).
- Compact MegaTOOLS™ - 2 units can be rack mounted side-by-side in a 1U rack space with the optional RK-T2B universal rack adapter.



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TECHNICAL SPECIFICATIONS

INPUT:	1 SD/HD/3G HD-SDI with reclocked and equalized loop on BNC connectors.
OUTPUTS:	1 PC/HD on 15-pin HD connector, 1 unbalanced stereo audio on RCA connectors.
OUTPUT RESOLUTIONS :	Native, 1920x1080p @50 (HD 1080), 1280x720p @50 (HD 720), 720x576p @50, 1920x1080p (HD 1080), 1280x720p (HD 720), 720x480p (NTSC), 1920x1200p (WUXGA), 1920x1080, 1600x1200 (UXGA), 1680x1050 (WSXGA+), 1400x1050 (SXGA+), 1440x900, 1280x1024 (SXGA), 1280x800 (WXGA), 1360x768, 1280x768 (WXGA), 1024x768 (XGA), 800x600 (SVGA), 640x480 (VGA); PC: VGA, SVGA, XGA, 1280x800, UXGA, SXGA, WXGA, SXGA+, WXGA+, WSXGA, WUXGA; SDTV: 480p @60Hz and 576p @50Hz; HDTV: 720p @50/60Hz, 1080p @50/60Hz, 1080i @50/60Hz.
OUTPUT REFRESH RATE:	60Hz for computer graphics resolutions, 50/60Hz for HDTV resolutions.
OUTPUT SIZE:	Full, panscan, letterbox, under 2, under 1, overscan.
PROCESSING DELAY:	30ms.
CONTROLS:	Menu, OSD and freeze front panel buttons.
POWER CONSUMPTION:	5V DC, 1.3A.
DIMENSIONS:	18.8cm x 11.4cm x 2.4cm (7.4" x 4.5" x 1") W, D, H.
WEIGHT:	0.75kg (1.7lbs) approx.
INCLUDED ACCESSORIES:	Power supply.
OPTIONS:	RK-2TB 19" rack adapter.

