4-Channel HD/SD-SDI A/V Monitor

VAMP2-MDA

Dual input 4" looped HD/SD-SDI and CVBS video monitor. Also a 4-channel SDI, AES and analog audio monitor with metering, and AES and analog converted outputs.

The VAMP2-MDA series offers the ability to monitor both audio and video from two selectable SDI digital and two composite analog video sources in a space-saving 2RU unit.

Two pairs of auxiliary AES inputs and eight analog audio inputs are also included for applications that don't use embedded audio. The built-in color LCD screen allows confidence monitoring of video from either the SDI input or composite analog video inputs. Also included is a composite video monitor output from the selected SDI source for use with larger, external video monitors.

The analog audio section features four channels and level meters; any of the four channels may be selected independently and sent to the two channel speaker system, headphone output, and phase indicator. The VAMP2 Series monitors are capable of independent monitoring of each audio track and is a useful tool for converting and demuxing digital signals.
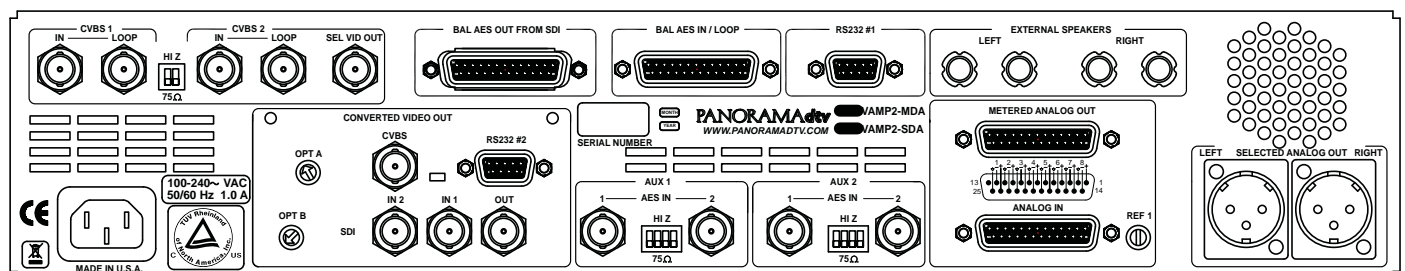
Features:
- Self-powered speaker system
- 2 SDI and 2 composite video inputs
- SDI to RGB/YUV video output
- Convenient front panel SDI audio group select control
- Two groups of 2 AES/EBU or two groups of 4 analog audio inputs
- Headphone jack mutes speakers

Benefits:
- 53-segment tri-color LED level meters show VU and PPM simultaneously.
- Converts SDI to analog composite video output.
- Internal or external speaker switch (no amplifier needed)
- De-embeds any selected audio group from SDI to AES/EBU digital and analog outputs
- 4" color LCD video screen auto-detects NTSC/PAL
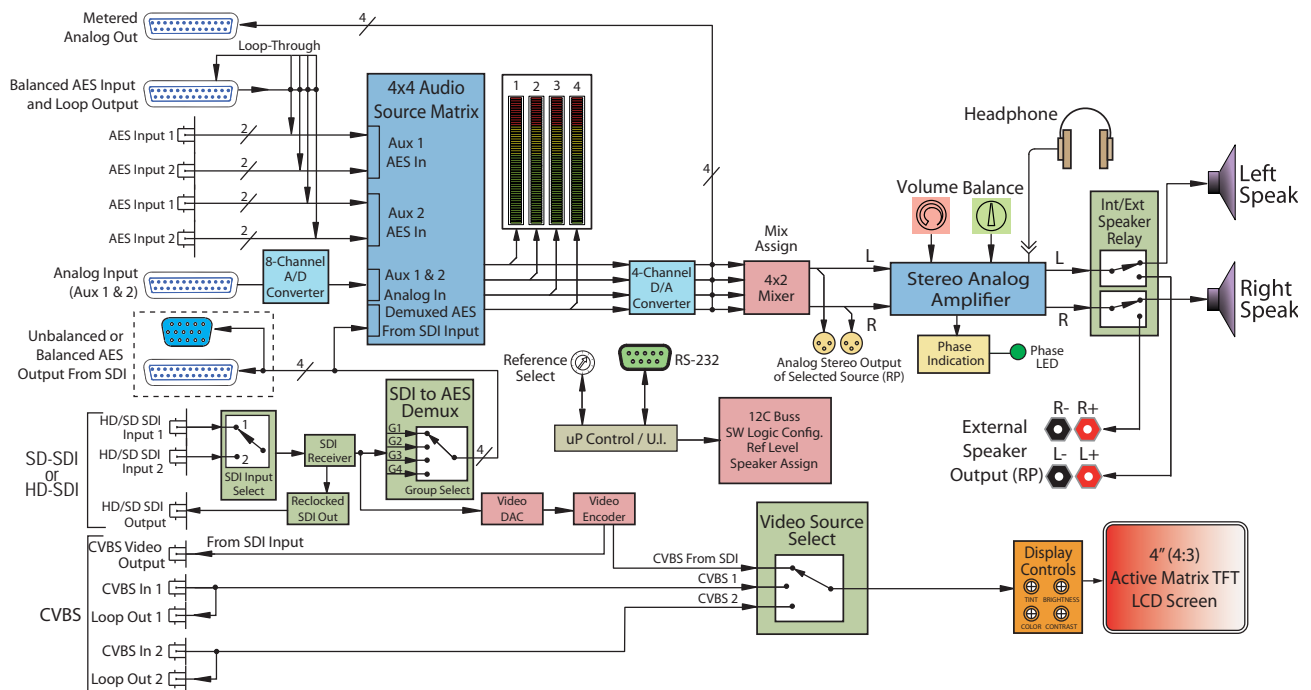- Low power consumption

Rear Panel

AES SDI HD

Order Part Number
VAMP2-MDA: 8003-0030

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Block Diagram

Specifications

Inputs	2 HD/SD-SDI on BNC 2 CVBS on BNC 2 Banks of 4 analog on DB-25 2 Banks of 2 AES on BNC 2 Banks of 2 Balanced AES on DB-25
Outputs	1 Selected Video on BNC 1 CVBS from SDI on BNC 2 CVBS Loop on BNC 4 on Balanced AES from SDI on HD-15 2 Speakers on Terminal Posts
Dimensions (H x W x D)	2RU: 3.5" x 19" x 9.5" (89 mm x 483 mm x 241 mm)
Shipping Weight / Net Weight	16 lbs (7.26 kg))
Supplied Accessories	AC external power unit/cord; Attached external power unit plugs into standard U.S. outlet. Alternate power cables are available.
Level Meter Resolution	53 segments
Loudspeaker Power	15 W per speaker
Acoustic Frequency Response	± 5 dB between 60 Hz and 16 kHz (-10 dB at 50 Hz, 20 kHz)
AES and SDI Input Termination	75 Ω Unbalanced
Analog Input Impedance	40k Ω
Electrical Noise	Better than -75 dB below full output
Electrical THD	<0.15% at any level below limit threshold
Power Requirements	100 V to 240 V AC ± 10%, 50/60 Hz
Power Consumption	60W
Screen Type/Size (diagonal)	4" (109.2 mm) Transmissive High-resolution LCD, active matrix TFT
Aspect Ratio	HD-SDI = 16:9, SD-SDI = 4:3 or 16:9
Active Viewing Area	95.04 mm x 53.856 mm
Resolution	480 H x 234 V

View complete list of specifications online at wohler.com