

4-Channel Audio Monitors

AMP1A-VTR2, AMP1-V2DA, and AMP2-VSDA



The AMP V Series monitors provide full fidelity stereo audio monitoring. These units feature four LED level meters showing accurate level-metering of all four input sources from the selected input group. These units contain high performance transducers driven by three power amplifiers: one amplifier/driver combination handles midrange and high frequency information, while the second handles summed low frequency information below the 500 Hz crossover point.

Compact, low-cost units to select and monitor up to 4 audio channels from analog, AES, or SD-SDI sources

Extended HF response reveals potential problems with audio whine or hiss. Electronic rather than acoustic cancellation of bass frequencies provides positive audible detection of out-of-phase (reversed polarity) audio feeds.

The front panel features an innovative LED display of phase/polarity relationships. Output limiter circuits are incorporated to protect the speakers, and extensive magnetic shielding allows placement immediately adjacent to video monitors with no color impurities.

Features

- Tri-color level meters displaying simultaneous VU and PPM
- Eight balanced analog inputs
- Independent selection of 2 from 4 mono sources to left and right outputs
- Balanced analog output of 2 selected sources
- Innovative LED display of phase/polarity relationships
- Blowout proof speakers

Benefits

- Premium quality drivers and power amplifiers provide excellent reproduction
- Focused sound reduces adjacent bay crosstalk
- Thorough magnetic shielding for placement next to video monitors
- Extended frequency response and low distortion
- Audible Indication of phase/polarity problems
- Full fidelity audio monitoring



ORDER PART NUMBERS

AMP1A-VT2R: 8100-0170

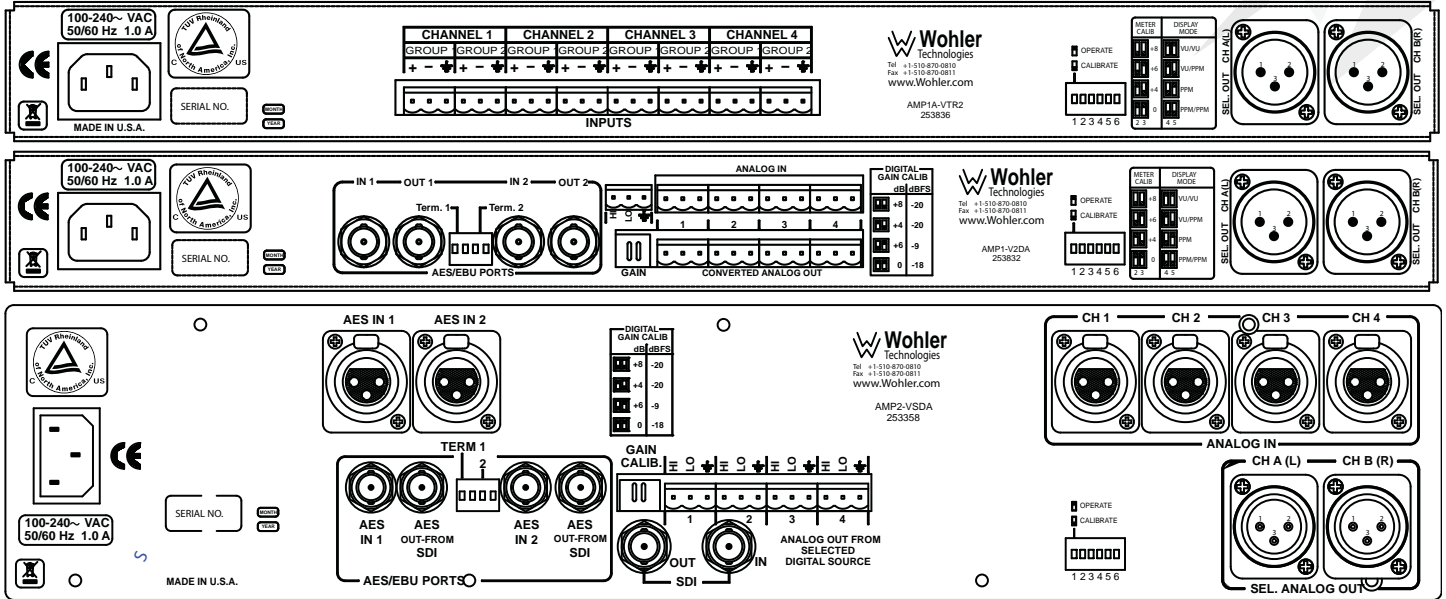
AMP1-V2DA: 8100-0040

AMP2-VSDA: 8100-0120

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Rear Panels



Specifications

	AMP1A-VTR2	AMP1-V2DA	AMP2-VSDA
Inputs	8 Analog (Phoenix)	4 analog (Phoenix) 2 AES (BNC)	4 analog (XLR) 2 AES (BNC) 2 AES (XLR) 1 SDI (BNC)
Outputs	2 analog audio on XLR (left & right)	2 analog audio on XLR (left & right) 2 AES (BNC)	2 analog audio on XLR (left & right) 2 AES out from SDI (BNC) 4 analog out from selected digital source (Phoenix) 1 SDI Re-clocked (BNC)
Space Requirements	1RU		2RU
Level Metering	VU and PPM		
Analog Input Impedance	Phoenix: 200k Ω balanced	Phoenix: 90k Ω balanced	XLR: 70k Ω balanced
Frequency Response	80 Hz to 16 kHz \pm 7 dB (-10 dB @ 50 Hz, 22kHz)		80 Hz to 16 kHz \pm 5 dB (-10 dB @ 40 Hz, 22kHz)
Peak Acoustic Output	98 dB SPL at 2 feet		104 dB SPL at 2 feet
Power Output	5 W RMS per side, 10 W peak		10 W RMS per side, 14 W peak
Hum and Noise	Better than -68 dB below full output		
Power	IEC connector 100 to 240 VAC \pm 10%, 50/60Hz 60 W; self-contained power supply		
Power Consumption	35W		
Supplied Accessories	AC power cord		
Dimensions (H x W x D)	1.7" H x 19" W x 12" D (43 mm x 483 mm x 305 mm)		3.5" H x 19" W x 12" D (89mm x 483mm x 305mm)
Shipping Weight	10 lbs (4.5 kg)		18 lbs (8.16kg)

View complete list of specifications online at wohler.com

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