

# 4-Channel Audio Monitors

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



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

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.

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

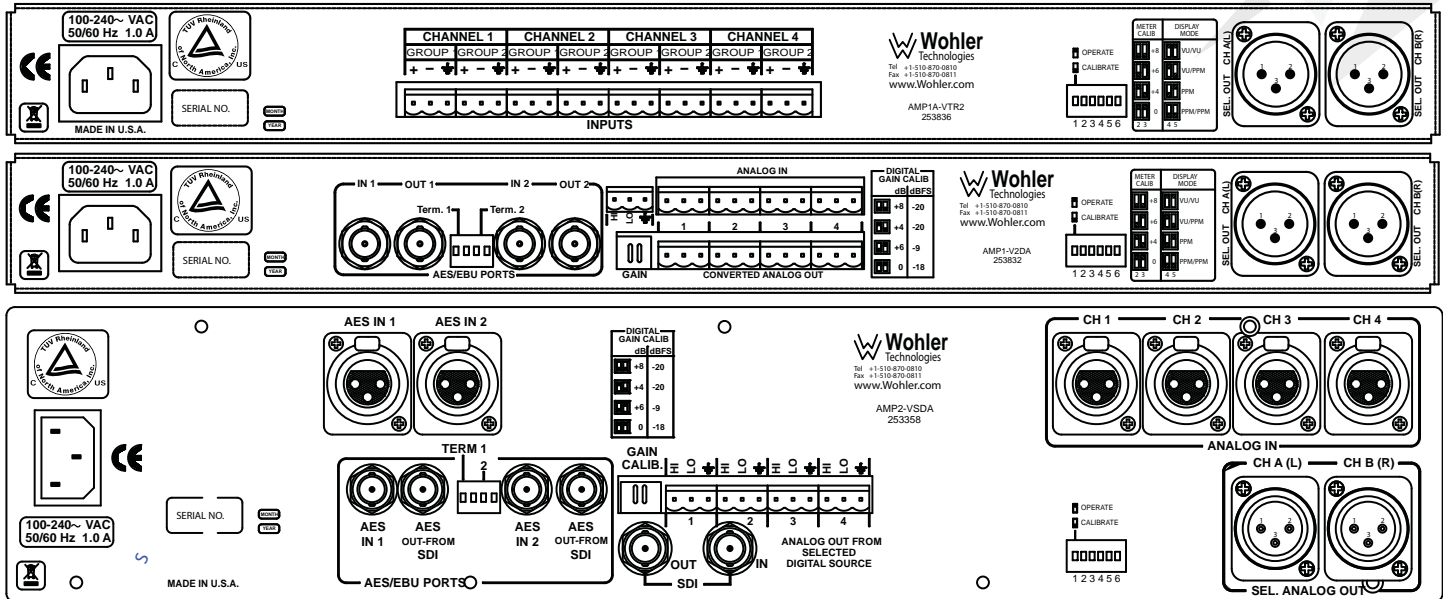
AMP1-V2DA: 8100-0040

AMP2-VSDA: 8100-0120

# 4-Channel Audio Monitors

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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 $\Omega$ balanced	Phoenix: 90k $\Omega$ balanced	XLR: 70k $\Omega$ 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](http://wohler.com)