

AMP1A-PLUS

2-Channel Analog AudioMonitor



2-channel analog audio monitor, 1u

The AMP1A-Plus monitor provides self-powered, full fidelity stereo audio monitoring of 2 analog channels (1 stereo pair) in the smallest rack space possible. It contains four high performance transducers driven by three power amplifiers: one amplifier/driver combination handles midrange and high frequency information in stereo, while the second handles summed low frequency information below the 500 Hz crossover point.

The unique design provides optimally focused sound for operators in an ultra near field (1 to 3 ft.) working environment and offers performance comparable to that of many separate monitor pairs, yet does so without the installation hassles, awkward speaker placements and “added-on” look. This provides for a higher SPL for the operator while reducing overall ambient sound and adjacent bay crosstalk.

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. A headphone jack is provided on the front panel; usage automatically mutes the speakers.

Features

- Full fidelity audio monitoring in only 1RU
- Premium quality drivers and power amplifiers
- Two balanced analog Inputs with loop-through (1 stereo)

Benefits

- Thorough magnetic shielding allows placement next to video monitors.
- Extended Frequency Response and Low Distortion provide excellent reproduction.
- Audible indication of phase/polarity provides instant information.



Order Part Numbers

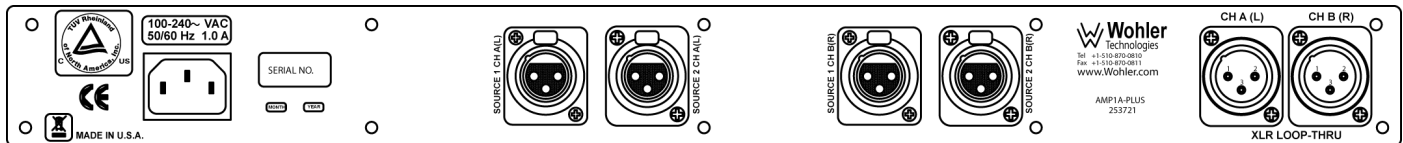
AMP1A-Plus: 8100-0320 (no level meters)

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Rear Panel



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Specifications

Inputs	4 balanced analog on XLR (left & right)
Outputs	2 analog audio on XLR (left & right)
Power Requirements	Mains Power 100 to 240 VAC 10%, 50/60Hz
Power Consumption	Approximately 35W
Supplied Accessories	AC power cord
Peak Acoustic Output at 2 feet	98 db SPL
Power Output	10W transient /5W continuous 20 W transient /10
Acoustic Frequency Response	80 Hz to 16 kHz \pm 7 db (-10db @ 50 Hz to 22 kHz)
Hum & Noise	Better than - 68 dB below full output
Analog Input Impedence	40k Ω > Balanced
Distortion, Electrical	< 0.15% at any level below limit threshold
Distortion, Acoustic	8% or less at worst case frequencies above 180 kHz including cabinet resonance; typically < 2%
Magnetic Shielding	< 1 Gauss any adjacent surface
Dimensions (W x H x D) & Weight	19" x 1.75" x 10" Weight: 8lbs
Shipping Dimensions & Weight	23" x 12"x 6" Weight:10lbs

[View the complete list of specifications online at wohler.com](http://www.wohler.com)