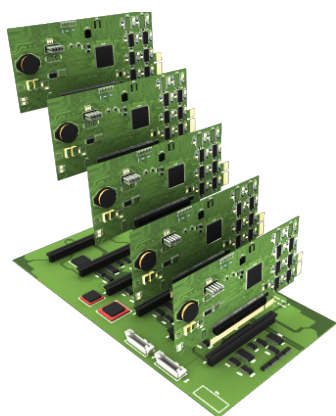


AMP2-16V

16-CHANNEL AUDIO/VIDEO PROCESSING MONITOR



Modular 16-channel audio/video workstation with a complete suite of tools for analyzing and managing audio quality, level and loudness, metadata, and more



Multiple card slots allow for flexible and cost-effective configuration. Select what you need now, with future proof design that allows you to add additional cards/features as your requirements change.

The leading choice of broadcasters worldwide, Wohler's re-imagined AMP2-16V could be the last audio monitor you will ever need. The open architecture design, superb quality, upgradeability and ease-of-use is why broadcasters consistently choose the AMP2-16V for their most demanding applications.

Since we invented the in-rack audio monitor, we have not stopped improving it—and the world's best selling and most powerful monitor now offers an even broader set of critical audio management tools. Monitor and analyze all of your audio and video feeds from one compact, convenient and easy to use workstation. It's the best we've ever designed and built.

Benefits

- Full 16 channels of simultaneous, mixed-format audio metering and management
- Customize two large high resolution LCD screens to display application specific audio/video data
- 32 presets enable complete reconfiguration of the entire unit with a single button press
- Added support for SMPTE2020 metadata handling, audio delay and loudness monitoring
- Mix, sum and route program audio live without the need for separate audio console
- Save and copy system presets to other units via Ethernet or Serial connection to PC

Features

- Monitor, mix, route and fully manage SDI embedded audio, AES, analog or even TOSLINK sources
- Ability for re-embedded audio in SDI output
- Dual high resolution LCD screens with auto-detecting 3G/HD/SD-SDI video
- 16 Hot Keys enable one touch access to critical functions
- Fully customizable level meters including scale, color, range, thresholds and more
- Single screen view of 16 channel meters/clusters, phase indication, loudness, Dolby presence and Hot Key assignments
- Menu lockout function and redundant power supplies for secure transmission chain operation (optional)
- "SuperPair" feature offers additional channel pair (17, 18) to monitor additional two



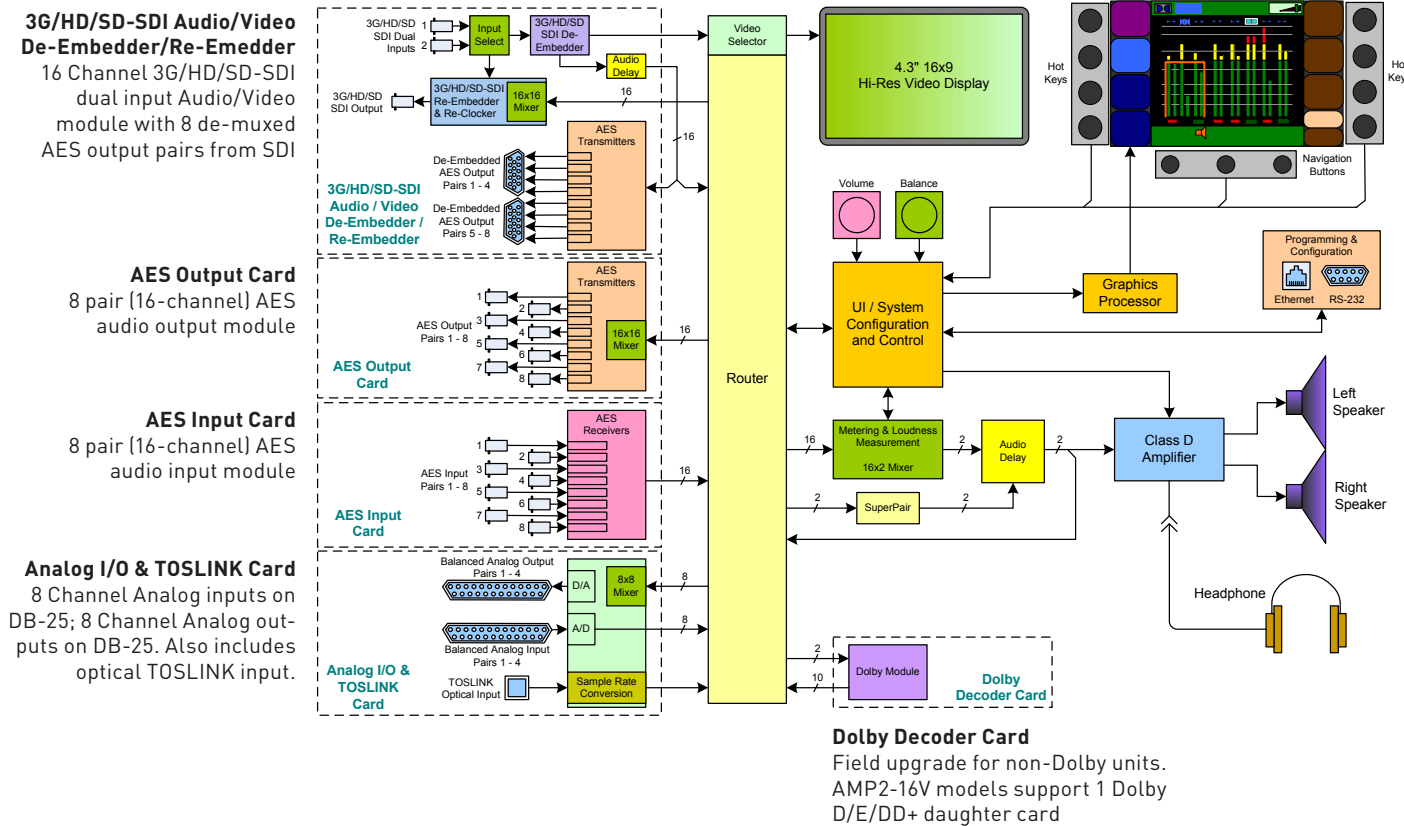
AMP2-16V

16-CHANNEL AUDIO/VIDEO PROCESSING MONITOR

AMP2-16V-M 16 channel dual input, 3G/HD/SD-SDI, audio with video monitor, 2RU

AMP2-E16V-M 16 channel dual input, 3G/HD/SD-SDI, audio with video monitor, Dolby D & E, 2RU

Block Diagram



Specifications

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

Dimensions (W x H x D)	19" x 4.5" x 15" (483 mm x 89 mm x 381 mm)
Shipping Weight / Net Weight	23 lbs. (10.4 kg) / 18 lbs. (8.16 kg)
Level Meter Resolution	310 segments
Level Meter Scaling	AES • VU • Ext. VU • BBC • EBU • Nordic • DIN • Custom
Level Meter Parameters	Range • Threshold • Reference • Segment Colors • Ballistic • Pairwise Phase Indicators Limits • Lower Scale Compression • Arbitrary Phase Indicators
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
Noise	Better than -75 dB below full output
THD	<0.15% at any level below limit threshold
Power Requirements	100 V to 240 V AC ± 10%, 50/60 Hz
Power Consumption	150W maximum