

iAM-AUDIO-2

Multi-Channel Audio Monitoring & Metering of IP and Baseband Signals



Intuitive monitoring and metering of up to 16 channels of audio from multiple sources, touch screen controls, 64 presets, browser-based user interface, and APIs for remote management.



Wohler Technologies has been in business for over 30 years. We invented in-rack monitoring and we are now RE-INVENTING this broadcast technology for the modern media enterprise to handle IP MONITORING.

Flexible, Adaptable, Future Proof

iAM-AUDIO is designed to be easy to operate, yet powerful enough to provide high quality, intuitive monitoring of multiple signal types within a compact form factor. **Signal options include the latest IP formats: SMPTE 2110, SMPTE 2022, Ravenna™/AES67 and Dante™.**

High-quality touch screen panels allow for elegant and intuitive control, with simple to navigate menus. Physical front panel controls provide access to main volume, balance, and auxiliary controls to supplement touch controls, and a front mounted USB port for software updates to support new and emerging technologies -- the perfect solution for any application that requires a compact unit for monitoring an evolving range of professional signals.

All iAM Series monitors contain an onboard web server. Multiple units on the same network can be updated, monitored and controlled via a browser-based user interface that supports fast configuration with role-based authentication that protects critical configurations from unauthorized alteration.

Features & Benefits

- Touch screen front panel for easy, intuitive control
- Monitor up to 16 channels of audio from multiple sources
- Built-in speakers, headphone jack, USB and Ethernet ports
- A range of included and optional connectors and signal processing options, including SFP slots for future I/O and Ethernet inputs for IP-based I/O
- Measure Audio Loudness using ITU-R BS.1770 or EBU R128 standards
- Store and retrieve up to 64 presets via USB or remote software control
- Software upgradeable via USB or network, upgrade multiple units at once
- APIs included for remote control

Model	Part ID	Description
iAM-AUDIO-1	8114-0200	Base Unit
iAM-AUDIO-2	8114-0250	Base Unit
SFP-2110 w/Ember+	829086	I/O Option
SFP-2110 w/NMOS	829086-1	I/O Option
SFP-2022	829088	I/O Option
SFP-2110 w/Ember+ +2022-6	829087	I/O Option
SFP-2110 w/NMOS+2022-6	829087-1	I/O Option
SFP-SDI	829089	I/O Option
SFP-SDI-Fiber	829084	I/O Option
OPT-AES	829080	I/O Option
OPT-MADI	829092	I/O Option
SFP-MM-MADI-FIBER	829081	I/O Option
SFP-SM-MADI-FIBER	829082	I/O Option
OPT-DANTE	829078	Processing Option
OPT-RAVENNA 256	829079	Processing Option
OPT-RAVENNA 64	829173	Processing Option
OPT-DOLBY	829077	Processing Option

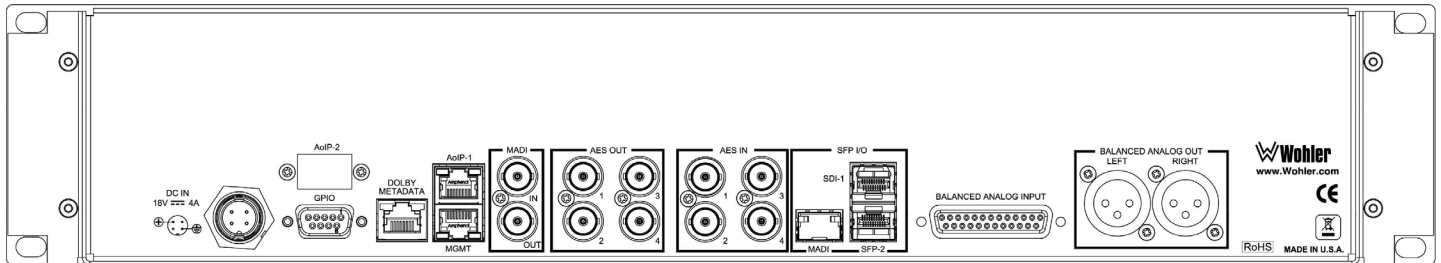


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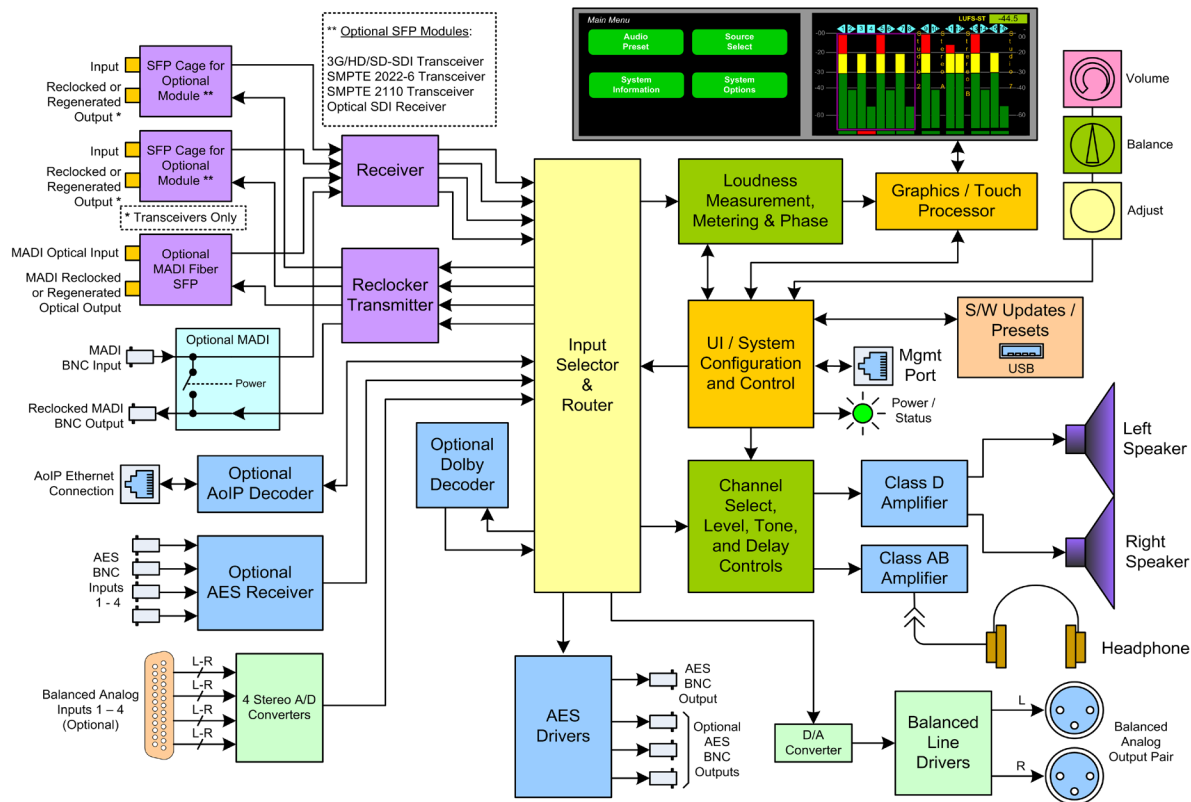


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Rear Panel



Block Diagram



Specifications	iAM-AUDIO-2	iAM-AUDIO-1
Height	2RU	1RU
Dimensions	19"x3.5"x7.25" (483 x 89 x 184mm)	19"x1.75"x7.25" (483 x 45 x 184 mm)
Shipping / Net Weight	8.5 lbs (3.9 kg) / 6.5 lbs (2.9 kg)	6.5 lbs (2.9 kg) / 4.5 lbs (2.0 kg)
Display Type	4.3" LCD Capacitive Touchscreen x 2	2.4" LCD Capacitive Touchscreen x 3
Audio Channels	16 Max	16 Max
Hum and Noise	Better than -75 dB below full output	Better than -68 dB below full output
Peak Acoustic Output	104 dB SPL @ 2 ft	98 dB SPL @ 2 ft
Speaker Power Output	RMS Each Side: 15W Continuous / 30W Peak	RMS Each Side: 12W Continuous / 24W Peak
Upgrades	Via USB or GUI web interface; Upgrading multiple units available via web interface	
Power Supply	External: 18 VDC from 100 - 240 VAC \pm 10%, 50/60 Hz, CE & UL approved	
Available APIs	Get Available Presets; Get Preset Information; Get Active Preset; Apply Preset; Set Mute/Unmute Clusters; Set Solo Cluster; Set Solo Channel; Source Select	

Specifications subject to change, errors and omissions excepted
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