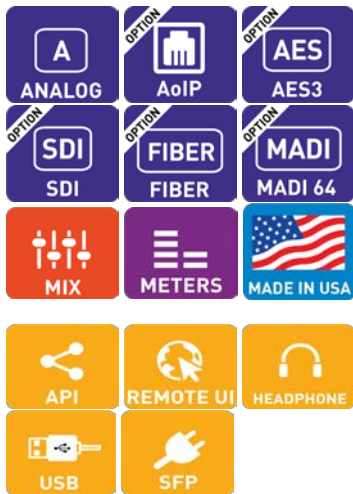


# iAM MIX-8

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



Intuitive monitoring and mixing of audio from multiple sources, with browser-based user interface and API's



The iAM Command & Control Interface

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.

Specifically designed for fast-paced OB, studio and live-to-air production environments, iAM-MIX provides intuitive audio signal monitoring with instant access to signals or to user-definable presets of any individual signal source or a mix of sources for monitoring and mixing. **Signal options include the latest IP formats: SMPTE 2110, SMPTE 2022, Ravenna™/AES67 and Dante™**

Choose from either 8 or 16 level controls, both with an independent master level control and instant mute capability and push-for-solo capability. Individual OLED display indicators show status, presence metering and channel name – which can be manually edited or automatically read from a network connected router.

Multiple units on the same network can be controlled via a browser-based user interface that supports fast configuration with role-based authentication to protect critical setups. In short, iAM-MIX is the perfect solution for any application that requires a simple, compact solution for monitoring a range of audio signals.

### Features/Benefits:

- Fast selection and summing of up to 8 audio channels, allowing quick muting and hold-for-solo
- Master volume control that also provides a master mute/unmute
- Channel names can be displayed for each input or pulled from a router
- 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
- Store and retrieve up to 64 presets (8 accessible on front panel)
- Software upgradeable via USB or network, upgrade multiple units at once
- APIs for remote control

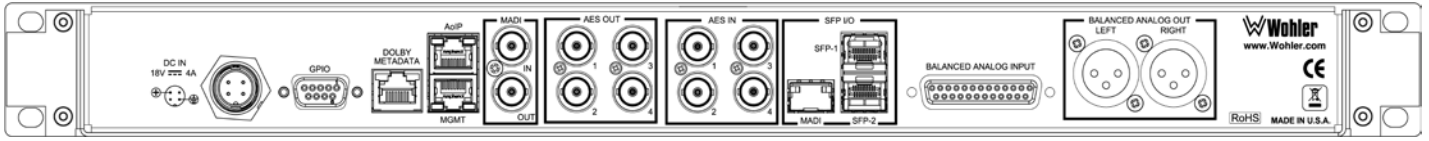
Model	Part ID		Description
iAM-Mix-8	8114-0090	Base Unit	1RU Base Unit. 8 selectable output controls. Includes OPT-ANLGL only.
iAM-Mix-16	8114-0140	Base Unit	1RU Base Unit. 16 selectable output controls. Includes OPT-ANLGL only
OPT_DANTE	829078	Processing Option	Enable monitoring from up to a 64ch Dante™ Input.
OPT_RAVENNA	829079	Processing Option	Enable monitoring from up to a 256ch Ravenna™ / AES67 Input.
OPT-AES	829080	I/O Option	Enable monitoring of 4 AES3 Input Pairs. Software activation key.
OPT-MADI	829092	I/O Option	Enable monitoring of 1 x MADI 64 input via BNC with 1 x looped output.
SFP-MADI-MM-Fiber	829081	I/O Option	MADI fiber transceiver, Multimode; LC Connectors
SFP-MADI-SM-Fiber	829082	I/O Option	MADI optical fiber receiver; Single-Mode, LC (fiber) Connectors.
SFP-SDI	829089	I/O Option	3G/HD/SD-SDI single video receiver with active loopback, HD-BNC
SFP-SDI-Fiber	829084	I/O Option	3G/HD/SD-SDI or ASI single receiver w/active loopback, HD-BNC
SFP-2022	829088	I/O Option	Receiver; LC Connectors
SFP-2110	829086	I/O Option	Receiver; Multi-Mode 850 NM, LC Connectors
SFP-2110+2022-6	829087	I/O Option	Either-Or; Multi-Mode 850 NM, LC Connectors

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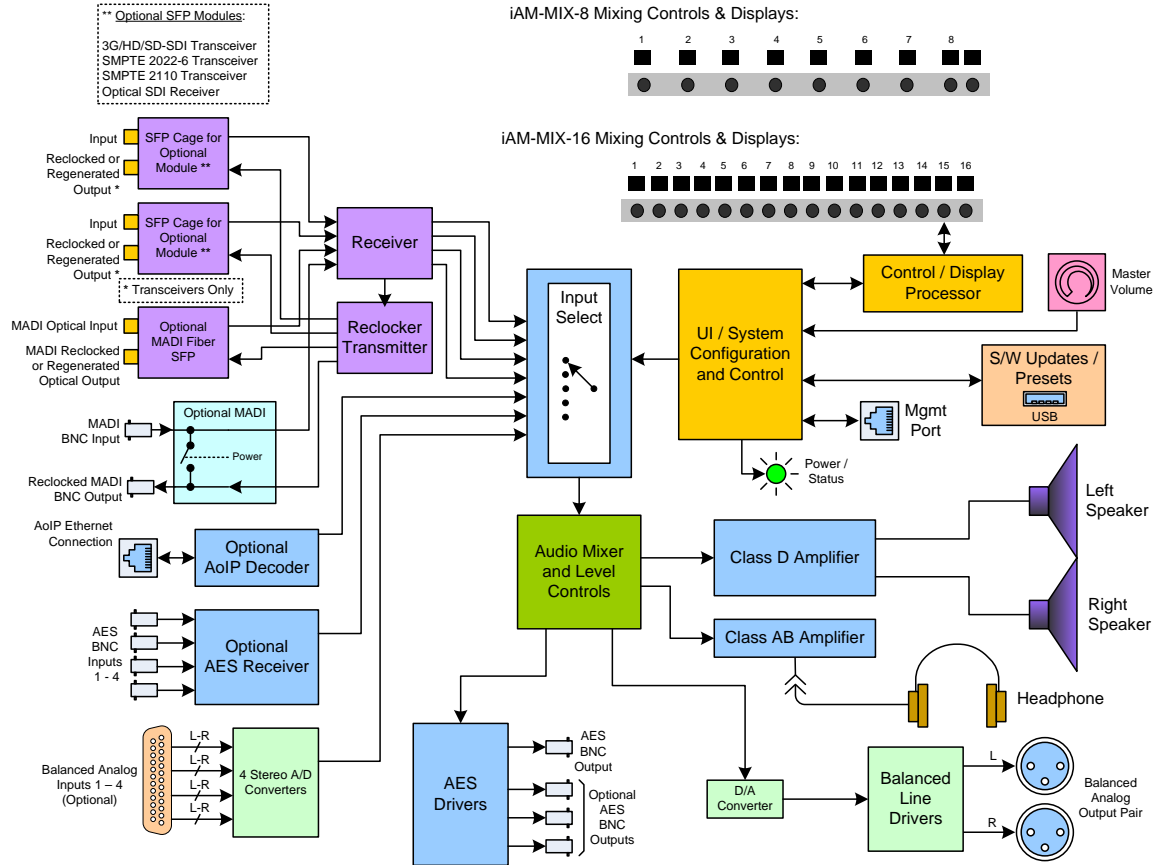


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## Rear Panel



## Block Diagram



Specifications	iAM-MIX-8 / iAM-MIX-16
Height	1RU
Dimensions	19"x1.75"x7.5" (483 x 44 x 191 mm)
Shipping / Net Weight	8.5 lbs (3.9 kg) / 6.5 lbs (2.9 kg)
Power Supply	External: 18 VDC from 100 - 240 VAC ± 10%, 50/60 Hz, CE & UL approved
Power Consumption	40W typical
Display Type	Passive Matrix OLED x 9 / x 16
Audio Channel	8 Max / 16 Max
Frequency Response	150 Hz to 16 kHz (± 5 dB) acoustic, 40 Hz to 20 kHz (± 1dB) electrical
Peak Acoustic Output	90 dB SPL @ 2ft
Speaker Power Output	RMS Each Side: 4W Continuous /8W Peak
Upgrades	Via USB or GUI software & Ethernet; Upgrading multiple units available via web interface
Presets	iAM-Mix 8 * 8 / iAM-Mix-16 *16 programmable/nameable. Can be copied from unit to unit via USB or GUI software and Ethernet
Router Integrations	Units support Evertz, Grass Valley & Tallyman protocols for automated display of channel labels
Available APIs	Get Available Presets; Get Preset Information; Get Active Preset; Apply Preset; Set Mute/Unmute Channel; Set Solo Channel; Source Select

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