



Aviom's A360 Personal Mixer brings new levels of control and customization to personal mixing and is the perfect solution for controlling musicians' monitors on stage or in the studio. Ideal for use with in-ear monitors and headphones, the A360 delivers breakthrough features for more precise mix control and more musical monitoring, while also preserving the simplicity required for use while performing.

The A360 includes an advanced 36-channel mix engine which can be used to mix up to 16 mono or stereo standard channels plus mono or stereo ambience and the Dual Profile Channel™. Each A360 in a system may use the default channels, or audio channels can be selected and assigned individually for each personal mixer, drawing from a network pool of up to 64 channels.

Each A360 mix channel may be adjusted for volume, tone, and reverb. The A360 also includes the innovative Stereo Placement pan-spread control that allows the width of a stereo channel's image to be controlled independent of its left-right placement in the stereo field, significantly improving the user experience with in-ear monitors and headphones.

The A360's seventeenth mix channel—the Dual Profile Channel™—provides users with instant access to two independent combinations of channel volume, tone, reverb, and stereo placement for a favorite channel. The Dual Profile Channel may be set to mirror one of the 16 standard mix channels or may be used for additional mix content.

Ambience can be added to the mix either using the convenient onboard ambient microphone or by using network audio channels. Regardless of the source of the audio, the A360 One-Touch Ambience™ streamlines control of ambience levels during performance, allowing musicians to add or remove ambience with the single touch of a button.

PRODUCT HIGHLIGHTS

- Advanced 36-channel mix engine
- Customizable channel selection from a 64-channel network pool
- 16 standard mono or stereo mix channels plus customizable Dual Profile Channel™
- Enhanced Stereo Placement controls for improved sonic clarity
- Per-channel volume, tone, reverb, and pan-spread
- Three-band master tone control optimized for in-ear monitors
- One-Touch Ambience™ control using onboard mic or network audio channels
- Four Instant Mix Recall™ presets—plus 16 standard mix presets
- USB for mixer profiles and mix settings
- 1/4" and 1/8" TRS Stereo Mix Out
- XLR Mono Mix Out with dedicated volume control
- Seamless integration with existing Aviom personal mixing systems

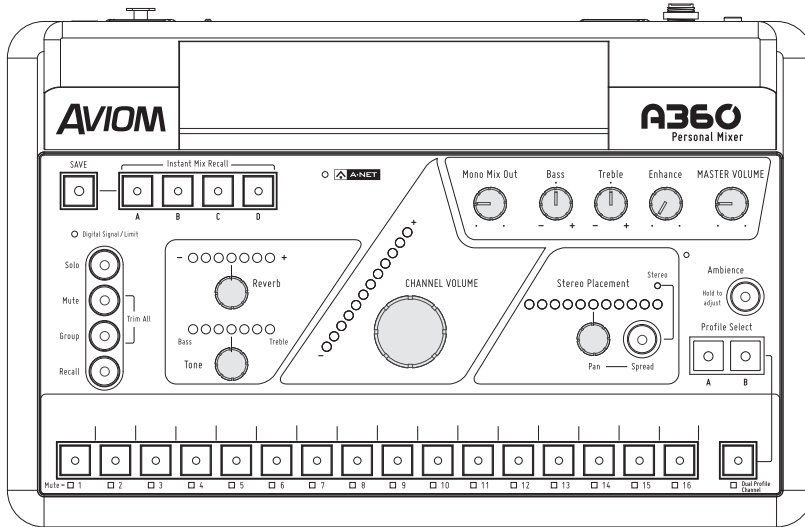
Each A360 can store up to twenty mix snapshots—16 saved in the channel button locations plus another four assigned to dedicated Instant Mix Recall buttons.

The master output section includes Bass and Treble tone controls, plus the unique Enhance control designed to provide more presence for users of in-ear monitors. In addition to the main 1/4-inch and 1/8-inch stereo outputs, a separate Mono Mix Out control feeds a rear-panel XLR jack, perfect for connecting to a subwoofer, shaker, or mono wedge monitor.

The A360 user interface is designed to meet the needs of performing and recording musicians. All mixing features are instantly available—no menus to navigate, no complex programming, no computer required—so customizing and

adjusting a mix is fast and intuitive, even in the middle of performing.

Audio is delivered to the A360 using Aviom's A-Net® digital audio protocol. A-Net ensures that audio signals are delivered in real time and provides for simple plug-and-play setup without addressing. The A360 is compatible with existing Pro16 Series devices and monitor systems. Additionally, the A360 can use an enhanced version of the protocol, Pro16e™, which supports expanded channel capacity (up to 64 channels) in the Pro16 audio stream.



TOP PANEL FEATURES

- Channel Volume
- Channel Tone
- Channel Reverb
- Channel Stereo Placement
- Dual Profile Channel™
- Instant Mix Recalls
- One-Touch Ambience™
- Group, Recall, Solo, and Mute
- Trim All
- Digital Signal/Limit
- Master Bass, Treble, and Enhance
- Master Volume
- Mono Mix Out

REAR PANEL FEATURES

- Stereo Mix Out (headphone/line-level, 1/4" and 1/8" TRS)
- Mono Mix Out
- USB storage
- Mode switch
- A-Net In



A360 PERSONAL MIXER SPECIFICATIONS

Audio Outputs	1/4" TRS stereo, headphone or line level; 1/8" TRS stereo, headphone or line level; XLR balanced mono, line level	Freq. Response	2-22kHz +0.2dB/-3dB
Stereo Mix Outputs, Headphone/Line	Tip: Audio Left; Ring: Audio Right; Sleeve: Ground	THD + N	< 0.003%
Mono Mix Output	Pin 2: Hot, Pin 3: Cold; Pin 1: Ground	Signal to Noise (unweighted)	-106dB (measured with zero data into all channels)
A-Net I/O	1 A-Net In, EtherCon RJ45 connector; Supports Pro16 and Pro16e	Latency	0.880 msec (measured from analog input to analog output)
D/A Conversion	44.1/48kHz, 24-bit	A-Net Pro16e	Uses unshielded Cat-5e UTP (or better) cable; Maximum 400 ft (122 m) between devices; Supports Power Over A-Net
Stereo Operation	Stereo Link, per channel pair; Set at the input module; Variable pan per mono channel or pan/spread per stereo channel pair	Power Supply	External, DC, universal switching type Input Voltage 100-240 volts, 50/60Hz Output Voltage 24 VDC, 0.5 amp Plug Size 2 mm
USB Storage	Save/load mix configuration data, mix presets; firmware updates	Dimensions	11" (279.4 mm) wide x 6.9" (175.26 mm) deep; 1.835" (46.61 mm) high
Headphone Output	1.0 watt at 100 Ohms (Line/Headphone output)	Options	MT-1a Mic Stand Mount PS-120 Power Supply
Output Impedance	32 ohms		