A-16II Personal Mixer

The A-16II is an updated version of the original Personal Mixer. Designed for use in live performance or in the studio, the A-16II Personal Mixer gives each performer control over channel volume, grouping, pan, stereo spread, and master volume. Each A-16II Personal Mixer in the system can create a unique monitor mix for a performer. Users can save and recall up to sixteen custom mixes saved as presets in their Personal Mixer. The stereo output from the Personal Monitor Mixing System can be used to drive floor wedge monitors, earbud monitors, or headphones.

The A-16II mixer features newly designed higher voltage and higher current output circuitry. Other enhancements include a plug auto-detect circuit at the output that determines whether the device plugged into the A-16II's audio out jack is mono or stereo. A new solo mode, called Held Solo, allows the user to remain in Solo mode and make channel selections without returning to Mix mode. A Global Trim function provides an easy way to decrease the volume by 6dB on all sixteen mixer channels simultaneously by using a simple button combination. The Personal Monitor Mixing System uses Aviom's proprietary, ultra-fast A-Net technology that allows the system to transmit sixteen channels of high quality 24bit audio with virtually no latency over a single Category 5 cable.

The A-16II Personal Mixer can be used in any combination with the other Personal Monitor Mixing System components. There is no limit to the number of A-16II Personal Mixers that can be used in one system. Cable length between components in the system can be as long as 500 feet each.

A-16II Personal Mixer Features:
- Sixteen channel select buttons with dual LEDs
- Dedicated Recall, Group, Solo, and Mute buttons
- Sixteen user preset memory locations
- Pan/Spread control with LED readout
- Channel volume control with LED level readout
- Master Volume, Treble and Bass controls
- Tabletop or mic stand mountable (using optional stand mounting bracket)

A-16 Personal Mixer Specifications

A-Net Input/ Output	1 input, 1 output	Category 5 (RJ45 connector)
Digital to Analog Conversion	Bit Depth	24 bit
Signal to Noise Ratio	Referenced to 0dB	-103dB
Tone Controls	Treble	+/-12dB at 9kHz shelving
	Bass	+/-12dB at 160Hz shelving
Maximum Levels (RMS)	Line/Headphone outs	1.0 watt at 100 Ohms
Impedance	Line/Headphone outs	140 ohms
Size	10.75" wide x 5.6" deep	2.25" high
Weight	3.4 lbs	