

EARMIX 16M

Network



EARMIX™ 16M

16x2 AVB-Networked Personal Monitor Mixer

 **PreSonus®**

Professional, networked personal monitoring.

Designed to work seamlessly with the PreSonus® StudioLive® Series III family of mixers, yet compatible with other AVB-enabled systems, the PreSonus EarMix™ 16M personal monitor mixer provides a high-quality, expandable, networked monitoring solution for stage, installed sound systems, and studio recording. We gave EarMix 16M fully professional sound quality, build quality, and features, including a top-quality headphone amplifier, to ensure you have the monitoring you need for any situation. Each EarMix 16M accepts 16 mono channels of input via AVB networking—and you can network multiple units with a StudioLive Series III mixer.



Loud, clear, customizable mixes.

High-quality monitoring is crucial for artists to deliver their best performance, so we've given the EarMix 16M a loud, clear headphone amplifier that can drive low-impedance devices such as professional-caliber in-ear-monitors. Channel grouping and stereo channel linking let you create custom mixes for each musician, and you can apply limiting and three-band EQ with sweepable midrange frequency to each channel, as well as to the main mix. Once you've perfected a set of monitor mixes, save the whole scene to internal memory; you can store and recall up to 16 mix scenes locally.



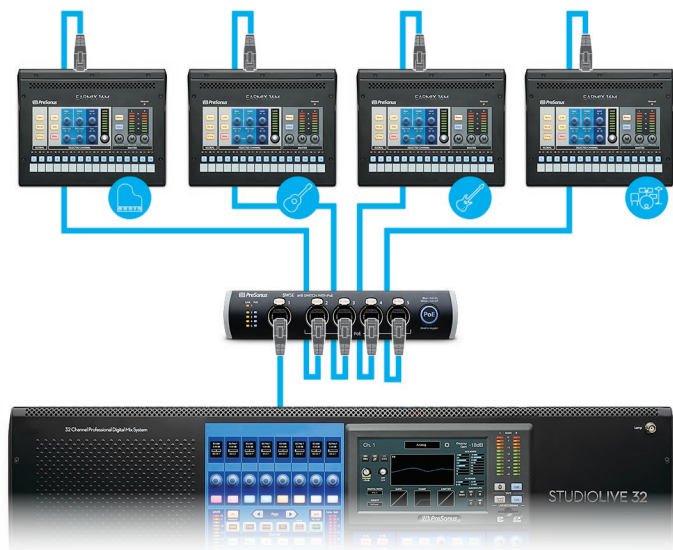
What is an AVB network?

Audio networking is much more than just a way to connect a digital snake. With an AVB network, you can connect digital audio devices over long distances using CAT5e or CAT6 Ethernet cable and route your audio anywhere on the network with extremely low latency. AVB offers several unique benefits that make it a better choice for audio than other networking protocols. For example, AVB provides a high-precision clock that *significantly* reduces harmonic distortion and phasing, ensuring your audio stays clear and clean. AVB ensures you always have enough bandwidth to carry your low latency audio—even when your intern starts streaming a movie. These important benefits are an inherent part of AVB; you don't need to do anything special to your devices or AVB switch. And you can *only* get them with AVB.

PoE: Remote power for networked devices.

The EarMix 16M can be powered with its included external power supply but in many cases—such as when it's difficult to provide power across multiple onstage locations—it's better to use Power over Ethernet (PoE). PoE is a technology that enables network cables to carry electrical power to compatible devices. With PoE, a single cable delivers both network data, such as digital audio, and electrical power. You can locate a PoE-enabled device anywhere you can run an Ethernet cable because you don't need a local power source. Moreover, PreSonus' SW5E five-port AVB switch enables you to connect multiple EarMix 16Ms to the AVB network and provides PoE.





A system that can grow with your needs.

One EarMix 16M is a beautiful thing but the system *really* shines when you need monitoring for the whole band. A pair of AVB jacks enable you to chain multiple EarMix 16Ms while also connecting to a StudioLive Series III mixer. You can expand even further by chaining EarMix 16Ms from multiple PreSonus SW5E AVB switches. Once you've created your AVB network, setting up EarMix 16M routings from a networked StudioLive Series III console or using free PreSonus UC Surface control software for Mac®, Windows®, iPad®, and Android® is fast and easy.

Your ears—and bands—will thank you.

EarMix 16M's connectivity, AVB networking with PoE, and PreSonus' famed hardware/software integration give you all the tools you need to create a truly professional personal monitoring system that can serve even the largest ensembles.

We remembered the little things, too, like an optional microphone stand mount. Best of all, thanks to loud, clear headphone amps, high-end converters, and top-quality signal processing, EarMix 16M delivers exceptional sound quality that will further enhance your hard-earned reputation as an audio professional.



Music is our life.
PreSonus is our day job.

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