By GeorgePetersen

Personal Monitor Systems

Personal monitor systems allow performers to create their own customized monitor mixes. These have been very popular on stage as well as in the H.O.W. environment, whether used to feed floor wedges, headphones or in-ear systems. Most are modular and expandable to create various sized arrays, so prices are not included here, although websites are provided for more info.

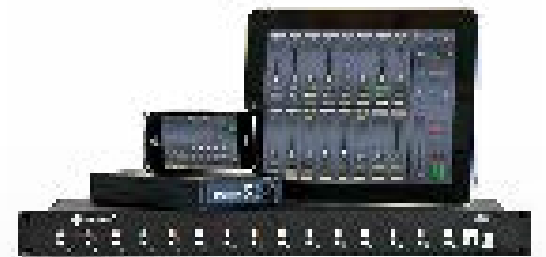## dbx PMC Personal Monitor Controller
dbxpro.com

PMC offers 16 channels of audio with EQ, pan, Stereo Width control and effects, including Lexicon reverbs and dbx PeakStop limiting. Performers can mix in real time and save 16 user-preset mixes. PMC uses a BLU link audio bus from a dbx TR1616 or any BSS London system to control 16 digital audio channels — expandable up to 256. USB, DSC and Ethernet ports allow future updates.

Pivitec e32 Personal Mixer
pivitec.com

The e32 Personal Mixer is a 32-channel Ethernet AVB endpoint (powered via an external supply or PoE) that builds a stereo mix from up to 32 channels of networked audio sources. Onboard DSP offers 3-band EQ and output limiting. A V²Mix iOS app puts wireless mix control into your iPhone/iPad. Multiple e16i 16-channel input modules can be combined to create larger systems.

Allen & Heath ME System
allen-heath.com

The ME system is based around the ME-1 personal mixers, powered and connected via Cat-5 and capable of managing up to 42 sources. The accompanying ME-U hub enables star connection of multiple ME-1 mixers and interconnection to Allen & Heath and other pro digital mixers via Aviom A-Net, MADI, Dante or EtherSound. The mix interface includes a simple "more me" control as well as 16 recallable mix presets.

Elite Core Music PM-16 Personal Monitor Mixer
elitecoremusic.com

Up to 16 analog channels enter a PM-16 input module, which outputs Cat-5 to a DM-8 distribution module that sends power and signals to up to eight PM-16 personal mixers, each with ambient mic, 16 gain and pan pots, graphic EQ and compressor. More DM-8's can cascade for adding more PM-16's to form larger systems.

Roland M-48 Personal Mixer
rolandsystemsgroup.com

The M-48 connects via REAC (Roland Ethernet Audio Communication) protocol to a Roland digital console or S-4000S/S1608 digital snake system or any MADI-equipped digital mixer (using the S-MADI REAC-MADI Bridge). The system adds remote individual monitor control of up to 40 audio channels via 16 stereo groups, with M-48 mixers linking to the system using Cat-5 cabling.

Aviom A360 Personal Mixer
aviom.com

The A360 has a 36-channel mix engine for mixing up to 17 mono/stereo channels (with volume, tone and reverb) plus ambience. Multiple 16-channel banks of monitoring content can be delivered over a single Cat-5 cable. Each A360 can use the default channels, or audio channels can be selected and organized individually for each personal mixer, from a network pool of up to 64 channels.

Hear Technologies Hear Back
heartechnologies.com

A basic Hear Back system has a rackmount Hub and up to eight (daisy-chainable for more) personal Mixers connected via Cat-5. The Hub accepts eight (analog or ADAT lightpipe) channels plus a stereo aux pair; an optional unit can extend the ADAT feed to 500 feet. Standard Mixer features include DSP limiting and powering via Cat-5.

SM Pro Audio Stage Buddy
smproaudio.com

Featuring onboard EQ, limiting and reverb, the Stage Buddy has a Master unit feeding up to 16 remote Mixers and with cascading and additional Master units, as many as 256 Mixers can be on its Cat-5 network. Mixes can be quickly set up using each Mixer's two local mic/line inputs and a "more me" control. All audio and powering is carried over Cat-5.
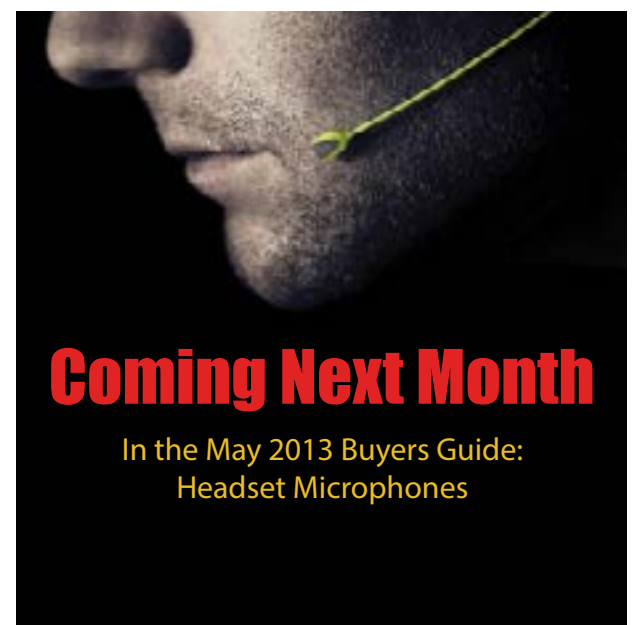
Behringer PowerPlay P16 System
behringer.com

One P16-I input module connects to any console and feeds up to six P16-M 16-channel personal mixers with power and signals over Cat-5 cabling. A P16-D Digital Ultranet Distributor can daisy chain the system for up to 48 personal mixers — each with 16 preset recall. Also features "panic button" muting, onboard limiting and real-time remote control via MIDI.

Movek myMix
mymixaudio.com

This networked personal monitor mix controller can create up to eight independent stereo mixes with 16 or 32 audio inputs from a house console via analog or ADAT lightpipe. Each myMix station connects using Cat-5 and has an onboard SD card recorder to capture WAV files of 16 tracks plus the stereo monitor mix. The myMix Control software adds central Mac, PC or iOS control/management over all mixers in the system.

Coming Next Month

In the May 2013 Buyers Guide:
Headset Microphones