myMix Personal Monitor Mixing and Multitrack Recording System

- **Individual stereo mixes for each musician with up to 16 channels of audio**
- **Individual channel selection from network**
- **Up to 16 +2 tracks of recording and playback to optional SDHC card**
- **Intuitive interface with full color LCD display**
- **Networked via standard or PoE Fast Ethernet switches**
- **Dual mic/line inputs with 48v phantom power**
- **Separate headphone and stereo line outputs**
- **Mounts easily to microphone stands with included adapter**

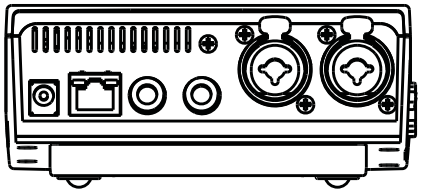
myMix is a networked personal monitor mixing and recording system that allows each user to create an individual local mix. The system is networked using standard Fast Ethernet (100MBps) switches. Depenfing on the switch type the network can handle 512 audio channels. Each unit has two local inputs for microphone or line signals and a stereo master output. ***myMix*** units are automatically detected on the network - identified by the names of each myMix and their respective input channels.***myMix*** can select individual audio channels from the network and mix up to 16 channels, which can be altered in volume, tone, panorama, and mute. An internal effects unit with 6 reverb presets and an adjustable delay can be added to each input signal. The stereo output signal is available on balanced 1/4 jacks and on a 3.5mm headphone jack. A 4-band fully parametric EQ can be used for the output signal. All settings of the mixer are automatically stored in profiles. The Recording function allows the recording of the local mix as well as the individual network signals in multi-track as time stamped 24-bit WAV file on an optional SD/SDHC card. Recorded files are stored in a session folder and can be played back and remixed. ***myMix*** is powered by the included external psu or via POE (requires 15 W minimum per unit) . The included adaptor allows easy mounting to standard microphone stands.

SPECIFICATIONS

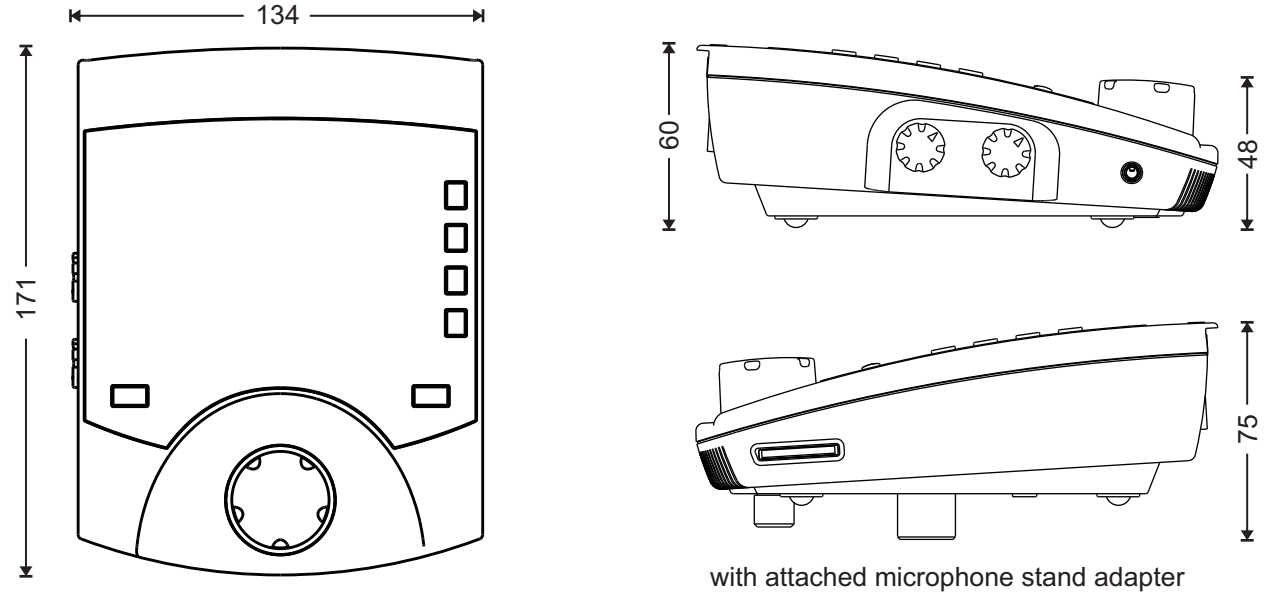
Inputs	
Impedance (Microphone / Line)	2 kΩ / 20 kΩ
Input Gain (Microphone)	variable from +4 dB to +60 dB
Input Gain (Line)	variable from -16 dB to +40 dB
Maximum Input Level (Mic/Line)	+14 dBu / +34 dBu
Frequency Response	20 Hz to 20 kHz (+0dB, -1dB)
Outputs	
Impedance (Line / Headphone Outputs)	75 Ω balanced / to drive >16 Ω
Max Output Level (Line)	+21 dBu
Signal to Noise Ratio	> 104 dB
THD +N (Microphone Input to Line Out)	< 0,022 %
Cross talk (L to R)	< -80 dB
Mute	> 100 dB
System Network	
Network Type	Fast Ethernet 100 Mbps
Network Cabling	Cat 5
Network Latency	<1 ms
AD/DA Conversion	24-bit
Recording	
Recording Media	SD or SDHC card
Recording Format	wav file, 24-bit, 48kHz sampling rate
Connectors	
Microphone Input	Balanced XLR (1 gnd, 2 pos, 3 neg)
Line Input	Balanced ¼" jack (tip pos, ring neg, sleeve gnd)
Line Output	Balanced ¼" jack (tip pos, ring neg, sleeve gnd)
Headphone Output	3.5mm stereo jack
System Network	RJ45
Weight and Dimensions	
Net Size (excl. mic stand adaptor) W x H x D	134mm x 171mm x 60 mm (5.3" x 6.7" x 2.4")
Net Weight (excl. mic stand adaptor)	0,5 kg (1.1 lbs)
Packaged Size W x H x D	172mm x 280mm x 80mm (6.8" x 11" x 3.2")
Packaged Weight	0,9 kg (2.0 lbs)
Included Accessory	myMix PSU (24V, 12W) myMix microphone stand adaptor

E & OE. All specifications subject to change without prior notice.

Rear Panel



Dimensions in mm



with attached microphone stand adapter

Typical System Set Up

myMix is powered via the included external psu or using Power Over Ethernet (POE) from the switch (requires 15W per unit).