ME-1

NETWORKED PERSONAL MIXER

The ME-1 personal mixer is a small 40 channel mixer with a mono/stereo or headphone output.

The OLED display provides information about level, selected audio source, etc.

The ME-1 is connected by standard Cat5e Ethernet cabling and can be distributed thru standard IT hardware.

16 buttons provide a single audio channel or a group of audio channels.

The ME series can be used for audio distribution (break out rooms, translation, dressing rooms etc) or as a personal monitoring system for musicians.

The ME range is compatible with SQ, Qu, ME-U (Dante, Madi, etc) and the dLive series.

Key Features

- 40 Channel mixer
- POE / DC powered
- Ethernet L2 audio transport
- 16 Assignable keys
- Headphone or line output

Benefits

- Unlimited number on 1 network
- Preset recall / store on USB
- OLED display
- Group or single channel
- Solo mode

OVERVIEW

The ME-1 is the cornerstone of the ME Personal Mixing System. ME-1 is complemented by the ME-U hub, which opens up the benefits of ME to users of other professional digital mixers via DanteTM, EtherSound or MADI. ME-1 also has an Aviom® compatibility mode for use with Aviom® Pro16® systems.

- Up to 40 Channels
- 3-Band EQ
- 16 User Presets
- Custom Key Assignment
- Up to 16 Groups
- 3.5mm and ¼" Headphone Sockets
- Plug 'n' play compatible with dLive, GLD, Qu and Aviom® A-Net 16
- Powered via POE or External PSU
- Direct Connection to dLive, GLD & Qu systems

- Compatible with Digico, Yamaha, Avid and other mixers via ME-U hub
- Plug 'n' play compatible with dLive, GLD, Qu and Aviom® A-Net 16
- MADI, Dante and EtherSound connections via ME-U Hub
- OLED display with channel naming
- Ambient Microphone
- 1/8" stereo aux input for local sources
- Mic stand bracket and headphone holder

ARCHITECTS & ENGINEERS SPECIFICATIONS

The device shall be a stand-alone digital personal mixer receiving up to 40 sources over a single Cat5 cable and be compatible with existing ME personal mixing devices. Channel naming and stereo attributes should also be received automatically from compatible Allen & Heath mixers.

The device shall be connected using standard Cat5 cabling via a pair of locking EtherCON RJ45 connectors located on the rear panel.

The device shall incorporate an OLED display on the top panel indicating channel name and signal meter as well as level, pan, EQ and limiter parameters.

The device shall be suitable for freestanding or microphone stand mounted operation. The device shall be mountable on a microphone stand via an integrated 3/8" threaded insert or a bracket.

The device shall have a multi-function rotary encoder, volume potentiometer and 21 rubber keys accessible on the top panel.

The device shall feature an internal discrete headphone amplifier with stereo outputs via a 3.5mm mini-jack socket and ¼" TRS jack socket on the rear panel.

The device shall provide a ¼" TRS mono jack on the rear panel for connection to external amplification and loudspeaker systems.

The device shall incorporate a USB Type A socket on the rear panel for the transferal of user data and firmware updates.

The device shall provide a microphone capsule for ambient sound, with dedicated analogue pot for level control, and a 1/8" stereo line input for auxiliary local sources.

The device shall have a built-in power supply accepting 12V DC via the supplied external power supply. The unit shall also be PoE/PoE+ (IEEE 802.3af-2003 and 802.3at) compliant and can be powered via the network port from a ME-U, external switch or PoE injector. Recommended operating temperature for the unit shall be 5 to 35 degrees Celsius.

The device shall be the Allen & Heath ME-1.

TECHNICAL SPECIFICATIONS

System

Frequency Response	10Hz to 20kHz (+0/-1dB)
AD/DA Conversion	24-bit Delta/Sigma, 48kHz
Residual Output Noise	-95dBu
PoE Requirements	802.3af (15.4W at source) or 802.at (25.5W at source)
Headphone Out	300mW + 300mW into 100Ω load Max: +21dBu
Mono Out	Nom 0dBu / Max +18dBu
Aux Input	Nom -8dBu / Max +10dBu / Impedance >10kΩ
External PSU	IN: 100-240V AC , 50/60Hz / OUT: 12V DC, 1.25A
PoE Requirement	10W (requires 15W from PoE hub)

Dimensions and Weights

	Width x Depth x Height x Weight
ME-1	230 x 160 x 70 mm (9" x 6.3" x 2.7") x 1.1kg (2.4lbs)
Boxed	

ALLEN&HEATH