

ME-1 Specification

Inputs	40 inputs (Cat5), Stereo Aux, Ambient Mic
Outputs	2x Stereo (Line or Headphones), Mono Line Out
Input Control	Level, Mute, Pan, Solo, Trim All
Master Control	Level, Mute, 3-band EQ, Limiter
Group Control	Level, Mute, Level/Pan for sources within Group
Groups	16, Up to 40 sources assignable
Presets	16, Store input Levels, Mutes, Pans, Key assign, Names, Group sources
Config	Stores Setup and all Presets
Names	Channels, Keys, Unit, Presets, Config
USB Data Port	Individual Presets or Config transfer, Firmware update
Cat5 Audio and PoE	Link In and Link Out, locking EtherCon connectors
Stereo Out	Stereo 1/4" and 3.5mm Jacks Headphones 300mW+300mW into 100Ω load Max +21dBu
Mono Output	Balanced TRS Jack Nominal 0dBu, Max +18dBu
Aux Input	Stereo 3.5mm Jack Nominal -8dBu, Max +10dBu Input Impedance >10kΩ
AD/DA Conversion	24-bit Delta/Sigma, 48kHz
Residual Output Noise	-95dBu (Level down, 20-20kHz)
Frequency response	+0/-1dB 10Hz to 20kHz
Mains Power Unit (supplied) Power over Cat5 cable (PoE)	100-240V AC, 50/60Hz in, 12V DC 1.25A out 10W (Requires 13W from PoE hub)
Dimensions	Width x Depth x Height 225 x 150 x 55mm (8.9" x 5.9" x 2.2")
Weight (inc phones hook)	900g (2lbs)



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ALLEN&HEATH WORLD CLASS MIXING

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The ME Personal Mixing System puts the musician in control of their own monitor mix. Each performer can be given a tailored setup that works perfectly for them, whether they crave maximum control over the fine details of their mix or just want the minimum of keys to press. Operation is intuitive and elegant, with simple controls, clear visual feedback and custom naming for instant familiarity.

The cornerstone of the ME System is the ME-1 personal mixer, which is ready to use with our own dLive, iLive, GLD and Qu series digital mixers. ME-1 is complemented by the ME-U hub, which opens up the benefits of ME to users of other professional digital mixers via Dante™, EtherSound, Waves SG or MADI. ME-1 also has an Aviom® compatibility mode for use with Aviom® Pro16® systems.

Equally at home on stage, in rehearsal rooms, houses of worship or recording studios, with ME everyone benefits from slicker soundchecks, lower sound levels on stage and quicker setups, while the engineer will be saving precious buses on the mixer and cutting the time spent tweaking monitor mixes. Whether you are monitoring on headphones, wired or wireless in-ears, using drum thrones or local speakers, the ME Personal Mixing System offers access to an unprecedented number of channels, rugged Allen & Heath construction and unrivalled sound quality.

ME PERSONAL MIXING SYSTEM

- Fully customisable
- Intuitive operation
- Compact, smart design
- 40 sources from GLD, dLive, Qu or iLive
- Compatible with MADI, Waves SG, Dante™ or EtherSound
- Daisy chain or use standard PoE Ethernet hubs
- 16 assignable keys to suit application



ME-1 PERSONAL MIXER

Built-in ambient mic

With ME-1, musicians are not isolated from the rest of the stage. The ambient mic keeps them in touch with the stage sound and lets them hear the audience and communicate with each other without the need to pull out their ear pieces. The local mic level is independent of the master level control.

Shifted functions

System setup, standby mode and preset store are protected from accidental operation by holding Shift while pressing other keys. All input levels can be simultaneously trimmed by holding Shift while turning the rotary.

16 user presets

Levels, pan, mutes and key assignments can all be stored and recalled at the touch of a button. Presets for different bands and application scenarios can be conveniently copied to USB key or the whole configuration saved. Ideal for archiving or quick transferring to other units.

16 assignable user keys

Backlit rubber keys make ME-1 controls perfectly visible in the dark. The 16 user keys can be assigned to a single source (mono or stereo) or to a Group, with all the convenience of pressing a single button no matter what you want to control - the vocalist mic, a stereo pair or the whole drumkit. Preset store/recall can be enabled or disabled per key to present only the control that is needed.



OLED screen

Provides a clear display of level and pan for the selected source, system setup and information menus, and a highly responsive stereo signal meter. Can be dimmed for low-light operation.

Master level and key

Dedicated control and key to access the Master 3-band EQ and limiter settings.

One knob controls everything

Input control of level & pan. Group control of master level and level/pan for each member of the group. Control of master EQ and limiter. Global Trim simultaneously adjusts all channel levels to prevent running the mix too hot. The rotary is also used to access and navigate menus.

Solo and Mute keys

Individual sources, groups or masters can be muted. Use the Solo key to meter and listen to just their contribution to the mix.

Group key

Groups make it possible to mix up to 40 sources with only 16 keys. They also save a lot of buses at the main console: whereas other personal monitor systems rely on subgroups and pre-mixes sent from the console, ME-1 has the sophistication to do it all on-board whilst remaining easy to use.

MORE ME-1

Me and Everything Else

ME-1's flexible grouping function enables any combination of sources to be mixed and laid out on the mixer, from a simple 2 button 'Me + Everything Else' setup to a full mix of 16 buttons, with the 'me' sources conveniently located below the rotary encoder.



EXAMPLE KEY ASSIGNMENTS

The example below shows how the same 40 channel plot could be assigned three different ways for the same performer to suit how they want to mix. Even with just a few keys assigned every source can be accessed. The engineer in charge can preset the balance between the sources in each group or let the musician make these adjustments live using Group mode.

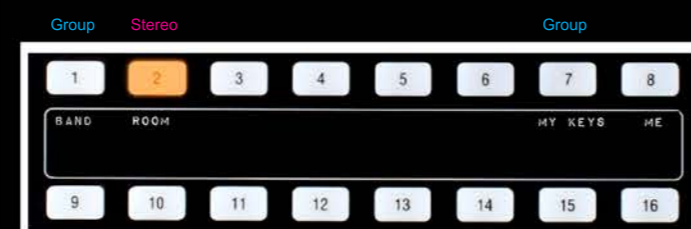
Full Control



Reduced control



Simple Control



Headphones

Minijack and 1/4" headphone outputs with powerful, discrete amplifier design.

Link In / Out

Secure and reliable EtherCon connectors for daisy chaining or star topology using ME-U or off-the-shelf Ethernet switches for any number of ME-1 mixers.

Aux Input

Stereo input for local sources such as MP3 players or click tracks. Sensitivity is well matched to portable consumer devices.



Mono Out

1/4" TRS balanced line out (mix only, no ambient mic).

DC In

ME-1 can be powered via Cat5 using a PoE switch or the ME-U hub, or mains powered using the included power supply.

USB port

For firmware updates, archiving / transferring individual presets or the full configuration, or charging portable devices!

Free standing or surface mounted

Mount on top of a mic stand with the built-in 3/8" insert, or mount on the side of the stand with the supplied bracket.



THE DISPLAY

Custom Naming

It helps to know which source you are tweaking! ME-1 can display custom names for all channels and groups.

When coupled with an Allen & Heath GLD system using dSNAKE, the ME-1 does the work for you by picking up source names automatically from the stream.

SETUP VIEWS

Setup Menu

Enter to edit key assignments, preset assignments and system settings.



Key Setup

To assign sources, groups, presets and names to the 16 keys.

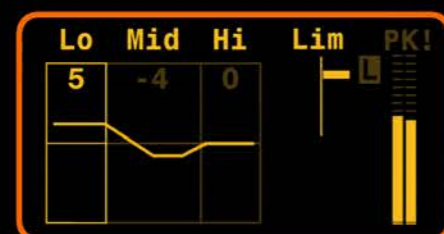


USER VIEWS



Home Screen

Displays name of current Configuration and last Preset recalled.



Master screen

Shows and gives access to Master EQ and limiter. The EQ provides Lo and Hi shelving and a swept frequency Mid band.



Single channel

Name, LR pan, and level for the currently selected channel, and a stereo audio meter with peak and limit information are displayed clearly and simply for quick visual feedback.



Group Edit

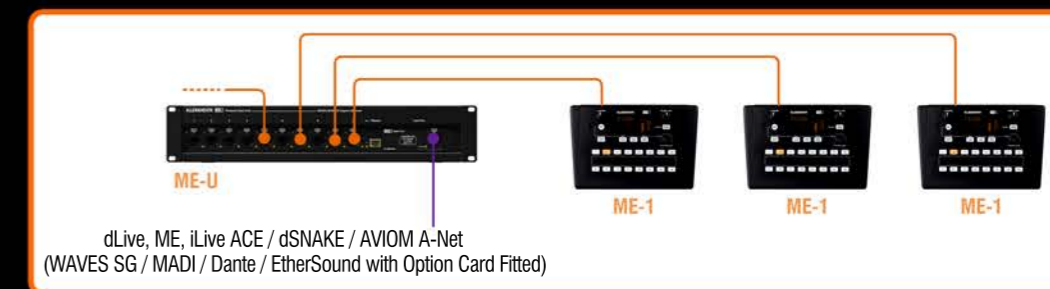
Adjusting sources within the Group.



10 port PoE Monitor Hub for parallel connection of ME-1, plus audio networking option and control setup

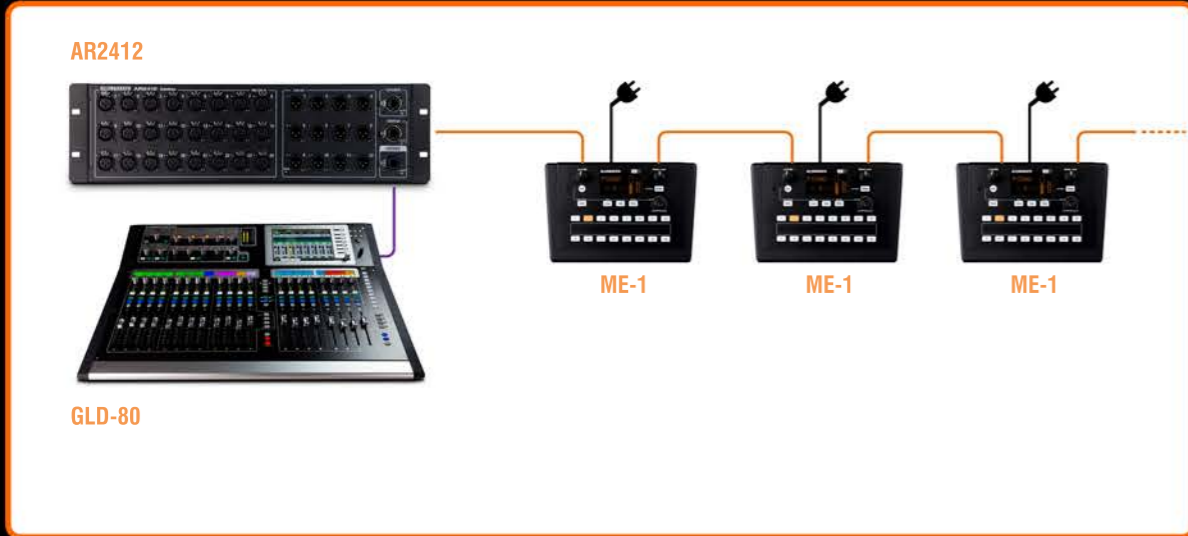


- Comes with standard ME-D input card to interface with dLive, GLD and Qu dSnake, iLive ACE or AVIOM® A-Net®.
- Option cards available to interface with any MADI, Waves SG, Dante™ or EtherSound third party system.
- 10 ports with locking Ethercon connectors.
- Daisy chain hubs for more outputs – up to 19 ME-1 mixers with 2 hubs.
- Each port provides power and 40 audio sources to connect ME-1 mixers.
- Multi-purpose Network port:
 - Connect PC or Mac for 'web page' setup of unit name and IP address, and manual entry of channel names.
 - Connect iLive AH-Net network to pick up channel names automatically from an iLive system.
- Touring grade build quality.
- 2U rack or desk mounting.





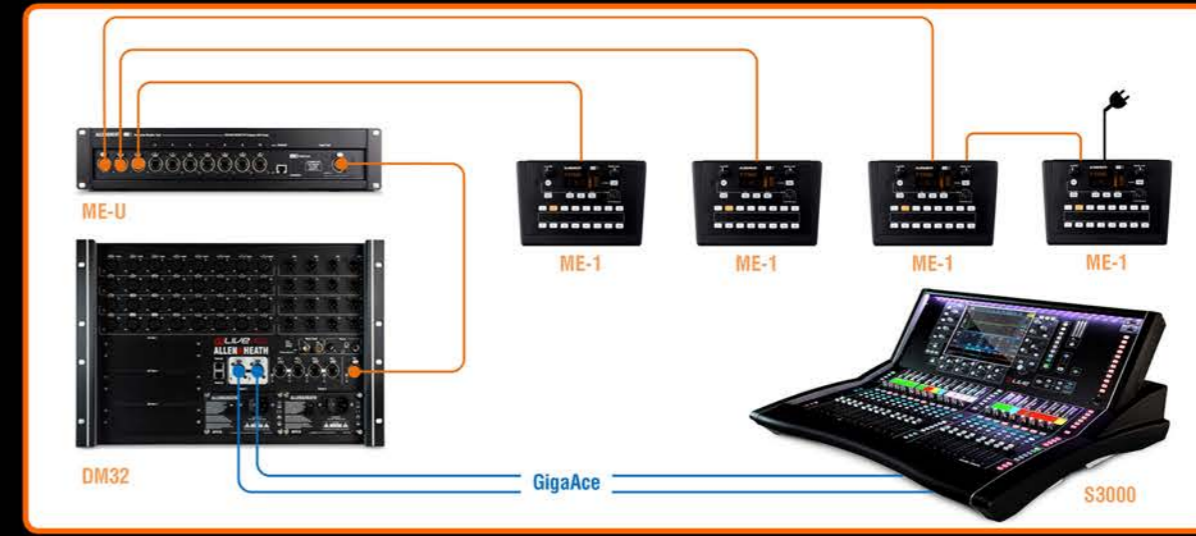
AND ME



ME-1 can be connected to the Monitor port on the AR2412 or any other available dSNAKE or Expander port in a GLD system. Channel names and stereo linking are picked up automatically from the digital stream.



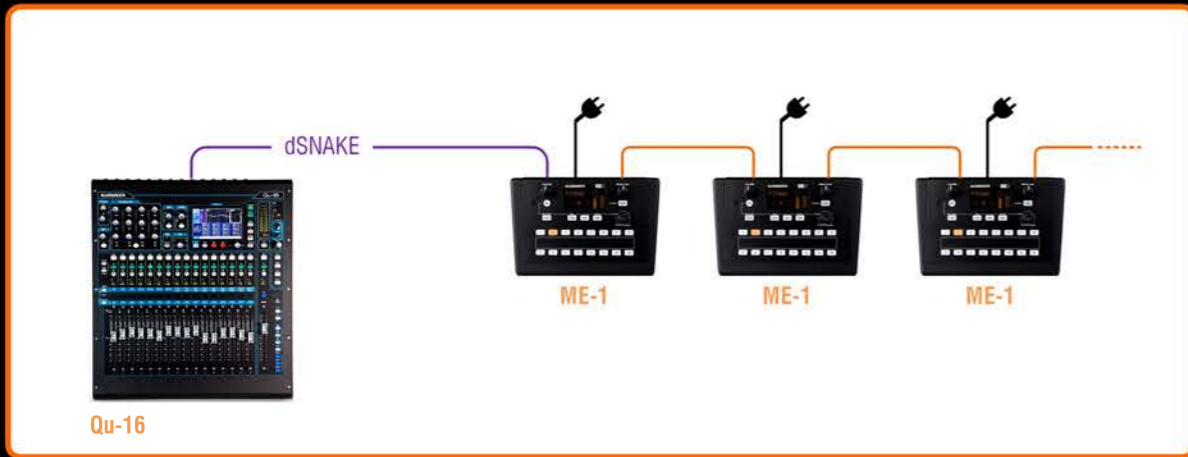
AND ME



ME-1 can be connected directly to the dedicated ME port on a dLive DM MixRack, or via a ME-U hub. Channel names are picked up automatically from the digital stream.

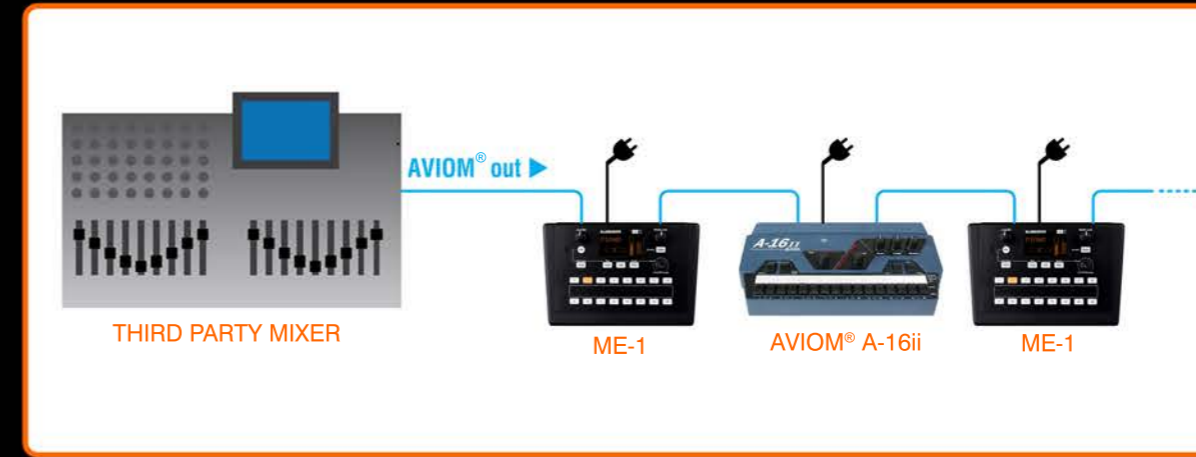


AND ME



ME-1 can be connected to the dSNAKE port on a Qu mixer or to an Expander port on an dSNAKE AudioRack. Channel names and stereo linking are picked up automatically from the digital stream.

OTHERS AND ME



ME-1 can integrate with other professional mixers via Dante, EtherSound or MAD1 thanks to the ME-U hub (see previous page), or interface directly with existing AVIOM® systems. When connected to an AVIOM® A-Net® Pro16® device, ME-1 seamlessly detects the AVIOM® stream and switches automatically to AVIOM® compatibility mode, limiting the number of sources to 16.