

# ME PERSONAL MIXING SYSTEM



**ALLEN & HEATH**

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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 and clear visual feedback for instant familiarity. The system has earned respect for rugged reliability on the road, and of course it lives up to Allen & Heath's reputation for exceptional audio quality.

ME personal mixers are used by touring bands, orchestras, houses of worship, recording studios, musical theatre shows, broadcasters and more. With ME everyone benefits from quicker setups, slicker soundchecks and lower sound levels on stage, while the audio engineer is freed up to focus on the front of house sound or key performers. Both ME-500 and ME-1 personal mixers are plug 'n' play compatible with our own digital mixers, and users of many other consoles can also enjoy the benefits thanks to the ME-U hub.



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# ME-1

40 Source Personal Mixer

ME-1 is probably the most sophisticated personal mixer on the market, giving precision control over up to 40 channels to satisfy the most demanding ears.

## 16 backlit keys

Each key is assignable to a single mono or stereo source (e.g. bass guitar) or to a group of sources (e.g. the whole drumkit).

## 16 user presets

Levels, pan, mutes and key assignments can all be stored and recalled at the touch of a button. Presets can also be stored to USB and recalled on any ME-1 unit.

## Groups

Sources can be grouped within the ME-1, so each performer can use different groups without consuming buses on the main console.

## Custom Naming

ME-1 can display custom names for all channels and groups. ME-1s connected to a dLive or SQ mixer automatically pick up names from the console.

## Built-in ambient mic

The ambient mic keeps performers in touch with the stage sound and lets them hear the audience and communicate with each other without needing to pull out their ear pieces.



- 40 Inputs with level and pan control
- Dimmable OLED screen
- 16 Assignable keys
- 3.5mm and 1/4" headphone outputs
- Master 3 band EQ and Limiter
- Solo and Mute keys
- Aux Input for MP3 players, click tracks etc
- Built-in signal generator
- Mic stand bracket and headphone hanger included
- Mains or PoE powered
- Daisy chain or use standard PoE Ethernet hubs

# ME-U

## 10 Port PoE Monitor Hub

ME-U is a touring grade, 10 port PoE hub providing power and audio to multiple ME-1 and/or ME-500 personal mixers. ME-U's default input card allows seamless integration with Allen & Heath dLive, SQ and Qu mixers. Fitting a Dante or MADI option

card to the ME-U allows users of other pro digital mixer brands to feed up to 40 sources to ME-1s, or up to 16 sources to ME-500s.



- 10 ports with locking Ethercon connectors
- Each port provides power + audio to a ME-1 or ME-500
- Link 2 hubs for more ports
- Touring grade build quality
- 2U rack or desk mounting
- Connected ME-1s automatically pick up channel names from SQ or dLive mixers
- Connect PC/Mac for setup of unit name and IP address, and manual entry of channel names

### When to use ME-U

If you're using Allen & Heath digital consoles, ME-U gives you the option to take your ME system to the next level of professionalism, eliminating the clutter of separate power supplies for each directly connected ME-1 or ME-500 unit and providing a high quality, road-proven alternative to standard PoE hubs. If you're using other console brands, ME-U is your gateway to the ME system, with MADI, Dante and Waves SG option cards allowing a digital feed of up to 40 sources from third party systems.



# ME-500

16 Channel Personal Mixer

ME-500 is a powerful walk-up-and-mix solution that's quick to set up and easy for just about anyone to learn in moments. The ME-500 personal mixer's intuitive hands-on controls and crisp visual

display make it easy for musicians to quickly build and control their own monitor mixes. With plug 'n' play setup and self-sufficient musicians, ME-500 is also a massive time-saver for the audio engineer.

## Fast Setup

With ME-500 there's no time-consuming configuration of individual units. The first 16 mono / stereo channels and / or mixes assigned from the mixer will be automatically mapped to ME-500's 16 select keys, so it's fast and simple to deploy personal mixers in pressured situations such as festivals.

## 8 user presets

Levels, pan, mutes and key assignments can all be stored and recalled at the touch of a button. Presets can be saved to USB and easily transferred to different ME-500s.



## Which ME is right for ME?

Although superficially similar, ME-1 and ME-500 are quite different solutions for different types of users and scenarios. For resident artists (such as a broadcast house band or church praise band), shows with high channel counts and plenty of rehearsal time, ME-1 allows the engineer to configure each unit to perfectly reflect each artist's tastes and needs. For budget-conscious or low channel count applications, or for more impromptu scenarios where the engineer and artists have very limited soundcheck time (festivals being the typical example), ME-500 is a great solution for getting the show up and running with minimum fuss.

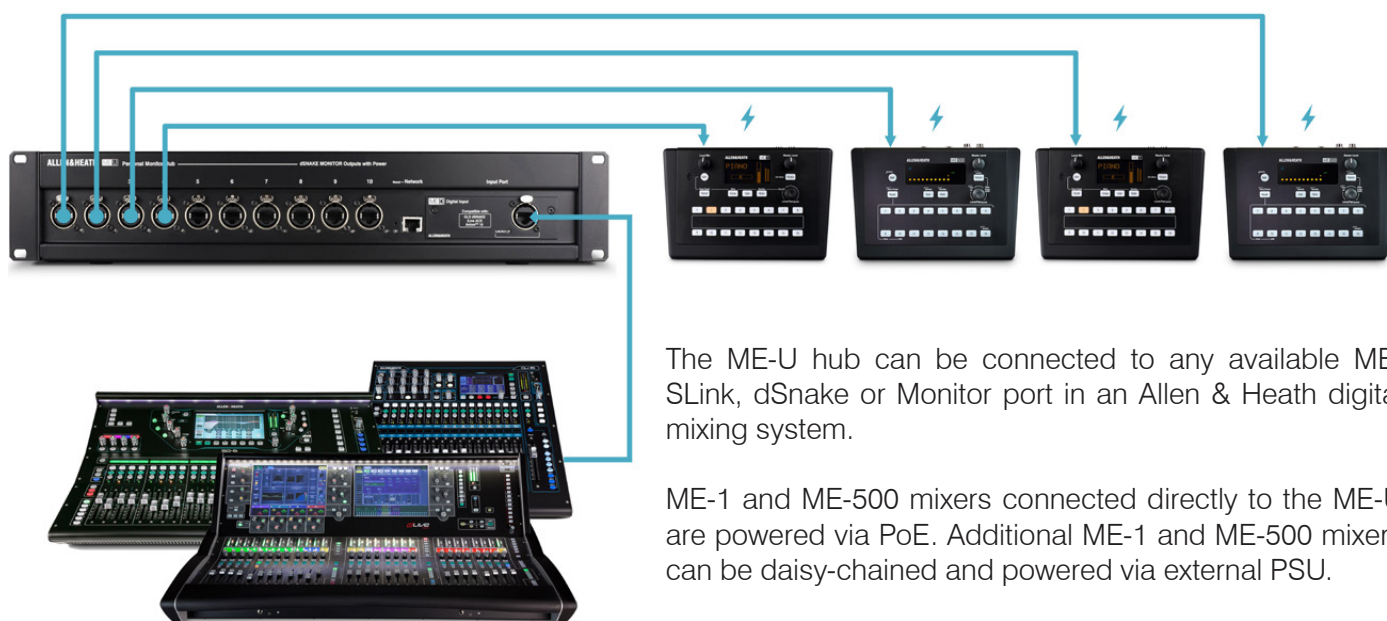
- 16 Mono / stereo inputs with level and pan control
- Master 2 band EQ and Limiter
- Automatic key assignment
- 8 User presets
- 3.5mm and 1/4" headphone outputs
- Solo and Mute keys
- Mains or PoE powered
- Daisy chain or use standard PoE Ethernet hubs
- Mic stand bracket + headphone hanger sold separately

# System Examples



ME-1 and ME-500 mixers can be directly connected to any available ME, SLink, dSnake or Monitor port in an Allen & Heath digital mixing system.

Multiple ME-1 and ME-500 mixers can be daisy-chained with all mixers powered via external PSU.

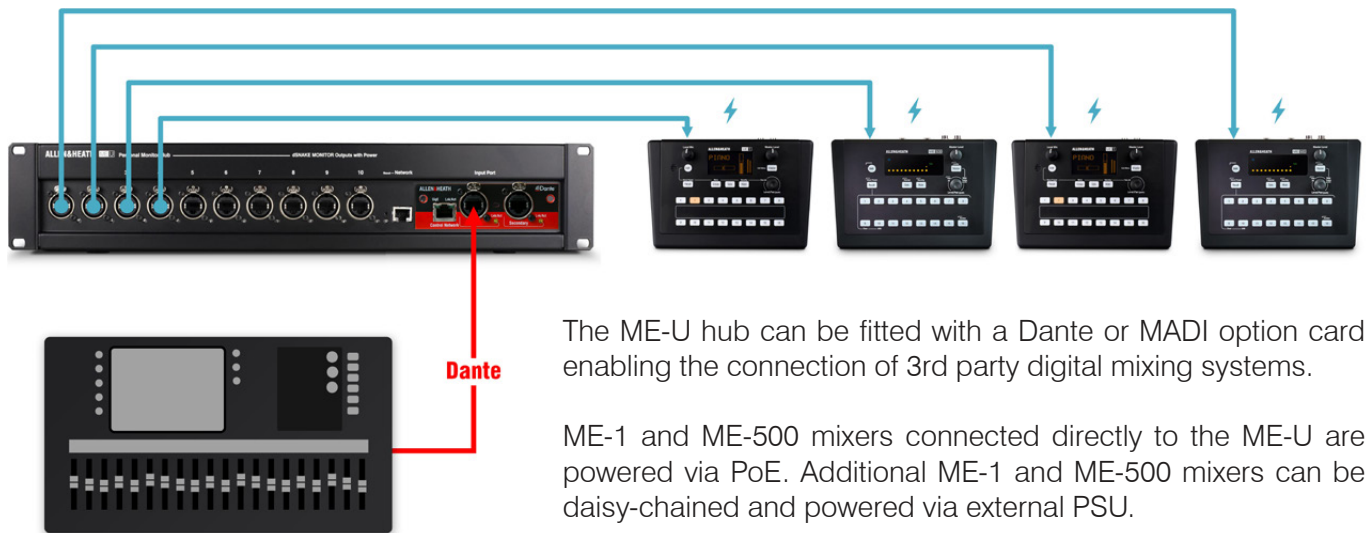


The ME-U hub can be connected to any available ME, SLink, dSnake or Monitor port in an Allen & Heath digital mixing system.

ME-1 and ME-500 mixers connected directly to the ME-U are powered via PoE. Additional ME-1 and ME-500 mixers can be daisy-chained and powered via external PSU.

Multiple ME-U hubs can be daisy-chained together if more than 10 ports are required.

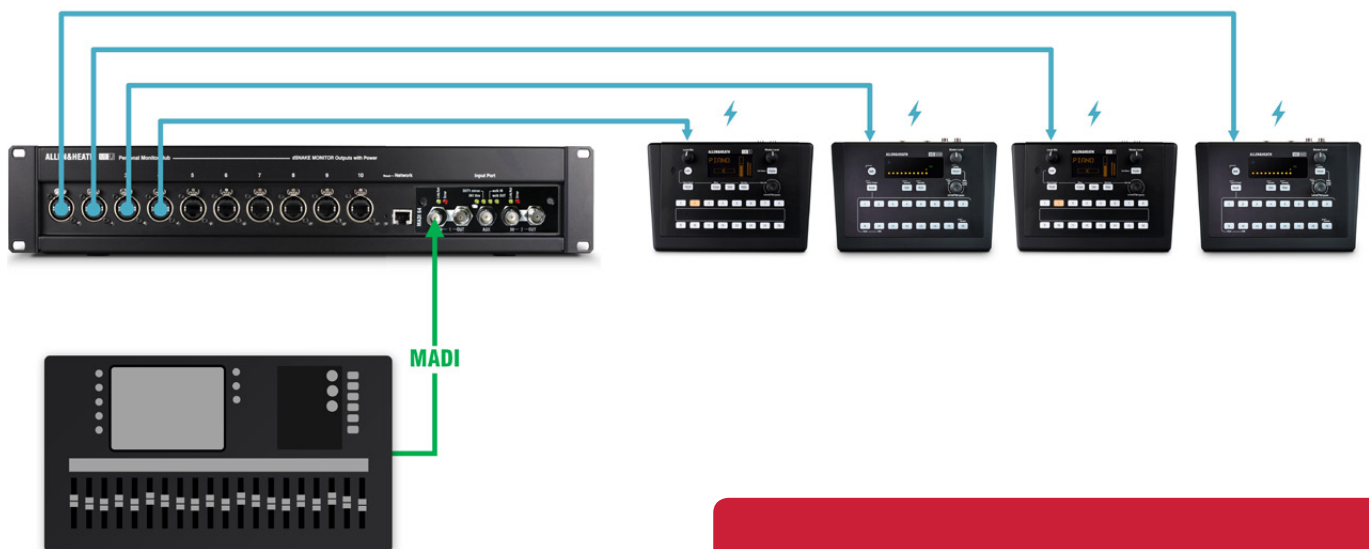




The ME-U hub can be fitted with a Dante or MADI option card enabling the connection of 3rd party digital mixing systems.

ME-1 and ME-500 mixers connected directly to the ME-U are powered via PoE. Additional ME-1 and ME-500 mixers can be daisy-chained and powered via external PSU.

Multiple ME-U hubs can be daisy-chained together if more than 10 ports are required.



## ME 3rd Party Options

### DiGiCo and ME

The DMI-ME option card enables selected DiGiCo consoles to send up to 40 channels to a ME system. See the DiGiCo website for more details.

### ME + AVIOM® A-16ii

ME-1 and ME-500 can be used as drop-in replacements for older AVIOM® A-16ii units.



# Technical Specifications

## ME-1

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

<b>Dimensions and Weights</b>	Width x Depth x Height x Weight
<b>ME-1</b>	230 x 160 x 70 mm (9" x 6.3" x 2.7") x 1.1kg (2.4lbs)
<b>Boxed ME-1</b>	290 x 350 x 170 mm (11.4" x 13.8" x 6.7") x 2.5kg (5.5lbs)

## ME-500

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

<b>Dimensions and Weights</b>	Width x Depth x Height x Weight
<b>ME-500</b>	230 x 160 x 70 mm (9" x 6.3" x 2.7") x 1.1kg (2.4lbs)
<b>Boxed ME-500</b>	290 x 350 x 170 mm (11.4" x 13.8" x 6.7") x 2.5kg (5.5lbs)

[www.allen-heath.com](http://www.allen-heath.com)

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