

ME-U TECHNICAL DATASHEET



OVERVIEW

ME-U is a touring grade, 10 port PoE hub capable of providing power and audio to multiple ME-1 and ME-500 personal mixers. It comes with a standard input card to interface with dLive, SQ SLink, Qu and GLD dSnake, iLive ACE or Aviom® A-Net®. This card can be replaced with a MADi, Dante or Waves SG card to accept a digital feed of up to 40 sources from third party systems.

- 10 ports with locking Ethercon connectors
- Daisy chain ME-U's for more outputs - up to 19 ME-1/ME-500s with 2 hubs
- Each port provides power + 40 audio sources to connected ME-1 and ME-500 mixers
- Automatically receive channel names and stereo link status from dLive, SQ, Qu and GLD systems
- Touring grade build quality
- 2U rack or desk mounting
- Multi-purpose Network Port:
 - Connect a PC or Mac for browser based configuration of unit name, IP address and manual entry of channel names
 - Connect iLive AH-Net network to pick up channel names automatically from an iLive system
- Compatible with Aviom® A-Net®

ARCHITECTS & ENGINEERS SPECIFICATIONS

The device shall be a 10-port hub with PoE capability for use with ME-1 and ME-500 personal monitoring mixers. 40 audio sources plus channel naming and stereo link status shall be received automatically from compatible Allen & Heath mixers and broadcast to connected ME-1 And ME-500 mixers. 16 audio sources shall be received from compatible Aviom® A-Net 16 devices.

The device shall incorporate 10 outputs with locking EtherCON connectors on the front panel for connection to ME-1 and ME-500 personal monitoring mixers using standard Cat5 cabling. The front panel outputs shall be capable of providing 15w per output via PoE to power directly connected ME-1 and ME-500 mixers.

The device shall incorporate an input port on the front panel. The input port shall include a removable digital input card to allow direct connection to dLive, SQ, Qu, GLD and iLive digital mixers in addition to Aviom® A-Net 16 sources. The removable card shall feature a locking EtherCON RJ45 connector.

The device shall accept M-DANTE, M-MADI and M-WAVES2 digital audio networking cards to facilitate connection to third party digital audio systems. The digital audio networking cards shall be fitted into the front panel input port.

The device shall feature an RJ45 socket to allow connection of a Windows or Apple computer for browser based configuration.

The device shall be suitable for freestanding or 19” rack mounted operation. The device shall be mounted via integrated 19” rack ears and shall occupy 2U of rack space.

The device shall have a built-in power supply with a rear-panel on/off switch and shall be capable of accepting 100-240V AC via an IEC cable. The device shall have a maximum power consumption of 250W. Recommended operating temperature for the device shall be 5 to 35 degrees Celsius.

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

TECHNICAL SPECIFICATIONS

System

Mains Input	100-240VAC / 47-63Hz
Mains Power Consumption	250W
Operating Temperature Range	5°C-35°C
PoE Capabilities	15W per socket

Dimensions and Weights

	Width x Depth x Height x Weight
ME-U (unpacked)	483 x 253 x 92 mm (19” x 10” x 3.6”) x 4.6kg (10.1lbs)

