

MerCure™ Micro Operating Platform(MOP™)

MODEL MCE-600-MP



FUNCTION

A compact, lightweight, digital amplifier that delivers source audio from the PI to any line-level audio amplifier or audio distribution system.

The MOP™ contains 2 audio channels, each a 4 ohm output, that is capable of supporting two 8 ohm speakers or horns. In addition the MOP contains a single line level output channel for connecting to any new or legacy audio amplifier.

The intuitive digital technology provide for volume and zoning control for each individual channel.

A plug-in power supply is provided when using the MOP to send audio to an amplifier, or driving low power speakers. When using the MOP to drive audio to larger speakers, Mercury speakers or 3rd party passive speakers, use a Mercury 320 Watt power supply (MCE-730-MPPS). To expand the system, additional MOP's can be connected to the data inputs and outputs.

AUDIO OUTPUT

- + 2 configurable 4 ohm speaker channels, via terminal block connection
- + 2 conductor wire to any passive speaker
- + AUX Line Level output with page enable

FEATURES

- + Can be used with LON open protocol
- + Each Channel is Zone Configurable
- + All Audio Parametrically EQ and volume configurable via the PI
- + MOP can be easily be installed near output devices

POWER REQUIREMENTS

- + 48V DC 100 Watts
- + 24V DC 60 Watt Wall Supply(Limited Load)

INPUTS

- + Digital and analog audio inputs via data cable connection from Mercury PI™
- + LON control via data cable from Mercury PI™



(BACK)

ENCLOSURE

- + Dimensions: 3.75" L x 6.25" W x 1.50" H
- + Mounting brackets
- + Weight: 3 lbs
- + Housing: aluminum housing with plastic end caps and mounting flanges.

WIRE REQUIREMENTS

- + Cat5e or equivalent for data input pin out 568B
- + 16 AWG wire from phoenix connector to speakers.
- + Power 16AWG - 2 Conductor