

MerCure™ Platform Interface (PI™)

MODEL MCE-780-01



FUNCTION

When combined with the Mercury MNUC™ the Mercury PI™ allows for digital and analog audio to be passed to any new or legacy audio system for full notification and audio, and emergency paging. The PI connects to a Mercury MNUC via a USB cable, that delivers data and audio to the notification system. From the PI, Data and audio are sent to the Mercury MOP via Cat5e cable. This simple setup allows for audio to be sent to any legacy or third party amplifier.

Internally the PI has a USB multi-channel sound card that facilitates all the mixing of audio sources to be sent to the external systems. The USB device is electrically isolated from the PC to eliminate ground loops and PC noise. There is also a USB Lonworks interface that enables connection to (Mercury Notifications) Talk Back devices, MOPs, and additional Mercury devices. All RCA audio is transformer isolated to eliminate ground loops.

ENCLOSURE

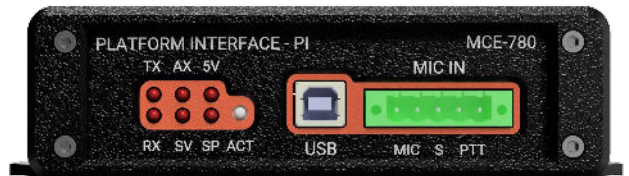
- + Powder coated aluminum
- + Dimensions: 3.75" L x 6.25" W x 1.50" H
- + Weight: 3 lbs

INPUTS

- + USB for power and control
- + RCA Stereo input for external audio
- + Phoenix connector for an analog microphone with PTT control

OUTPUTS

- + Cat5e cable or equivalent to connect to the Mercury MOP™
- + Phoenix terminal block for line level audio out with page enable



(BACK)

WIRE REQUIREMENTS

- + Cat5e cable or equivalent for data output.
- + 24 AWG wire for line level audio/microphone

OUTPUT ADJUSTMENTS

- + 1 Octave or third band parametric EQ for entire spectrum(20Hz-20KHz)
- + Volume control for individual channels, groups/zones, or MOP's