

The Mini Maestro Speaker System

Technical Information

A compact, full fidelity speaker system that monitors ambient noise levels and self-adjusts its volume output accordingly. Built-in audio processing is utilized to maintain a uniform level of audio quality and increase intelligibility in the presence of varying ambient noise. The program is heard at a consistent proximity from your display in all conditions, never too loud and never too soft.

The Mini Maestro enclosure contains a directional array of two mid-range drivers and a tweeter, and a separately amplified subwoofer for high-quality, full-range sound.

Automatic Volume Adjustment

An integrated microphone detects the level of ambient noise in the area around the speaker system. The speaker automatically matches the output volume to this ambient level, then adjusts the volume up or down according to your pre-set preference. Volume can be set to adjust to up to 20 dB above or 20 dB below ambient noise level.

Nominal Output Power

10 watts continuous

25 watts peak

Frequency Response

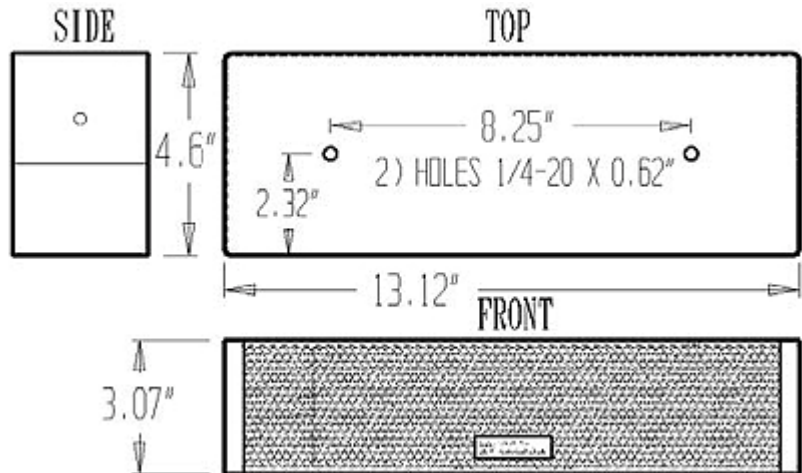
75Hz - 20 KHz, +/- 3dB

Compression

Built-in compression circuit

Compression ratio 2:1

Physical Dimensions



3.07"H x 13.12"W x 4.6"D (78 x 333 x 118mm)

Mounting Holes

2) 1/4 - 20 Threaded inserts on top of the unit with 8.25" spacing.

Computer Communication

The speaker is fully functional in Stand Alone Mode, but can also be programmed and updated remotely via USB Serial Port Emulation. Any number of units can be networked and controlled remotely from a single terminal.

Use ASCII based command interface or the included Maestro Baton graphical user interface (GUI) software for a wide variety of functions including:

- Change volume offset levels
- Adjust relative bass level
- Turn the speaker on or off
- Change response time
- Determine busiest time of day
- Receive diagnostic information

Control Panel

All connections are made via a concealed control panel located on the side of the unit. A discreet panel door maintains aesthetics while protecting the control panel from tampering. Wires feed through a small access hole in the back of the unit.

Connections

Audio Input: Mono RCA low-level input (10k Ω)
Computer Link: USB 2.0 (Serial Port Emulation)
(USB 2.0 'A' to 'B' Cable Included)

Power Supply

15 VAC 1240 mA
120 VAC external wall pack supplied
100 VAC and 220 VAC available on request

Weight

3.5 lb. (1.5kg) (without wall pack power supply)
Shipping Weight: 4.5 lbs. (2kg)

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*Patent Pending