



Quality Features

- Provides visual and aural monitoring of up to 12 lines.
- Inputs 1 - 6 accept speaker lines (70V, 25V or 8 ohm).
- Inputs 7 - 12 accept speaker lines (70V, 25V or 8 ohm).
- Quick visual reference with analog meter scales.
- Versatile aural reference of selected line with 3" x 5" speaker and 1/4" headphone jack..

MP-1B Specifications

Connections:

Headphone: 1/4" stereo jack for use with monaural headphones.
Power: Requires: 117VAC 60Hz 18W max
Inputs: 12 barrier strip screw terminals for wire size 30-12AWG.

Mechanical:

Dimensions: 19"W x 3.5"H (2RU) x 5.5"D
Weight: 6lbs.
Exterior: Steel with black powder coat and black polycarbonate overlay.

Electrical:

Input impedances:
Speaker (inputs 7-12): 70V = 10K ohms
25V = 1250 ohms
10V (8ohm) = 240 ohms.

Meter scales:

70V: 0 - 100V
25V: 0 - 35V
10V: 0 - 14V (14V = 25W @ 8 ohms)

dB scale: 0 to +3dB.

Description

Passive monitor panel Model MP-1B offers 12 x 1 selectable visual and aural monitoring. All twelve channels accept speaker level inputs (8 ohm or 0-70 volts) for monitoring amplifier outputs in large sound reinforcement systems.

Visual monitoring with precise measurement of selected speaker input is accomplished using an analog meter with VU and voltage scales. Subjective aural monitoring of selected speaker input is accomplished through the quality 3" x 5" internal speaker which may also be accessed using the monaural headphone output (stereo jack) on the front of the panel.

Model MP-1B front panel features an analog meter with VU and voltage scales, headphone jack and four control knobs for easy selection of monitored system inputs (1-6, Off, 7-12), individual speaker level inputs (1-6), individual speaker level inputs (7-12), and volume of selected input.

Rear panel termination for input connections is made to barrier strip screw terminals which are group selectable for speaker level inputs 1-6 and 7-12 (70V, 25V or 10V for 8ohms). Rackmount chassis is sturdy steel construction finished in durable black powder epoxy. Overall size is 19"W x 3.5"H (2RU) x 5.5"D.



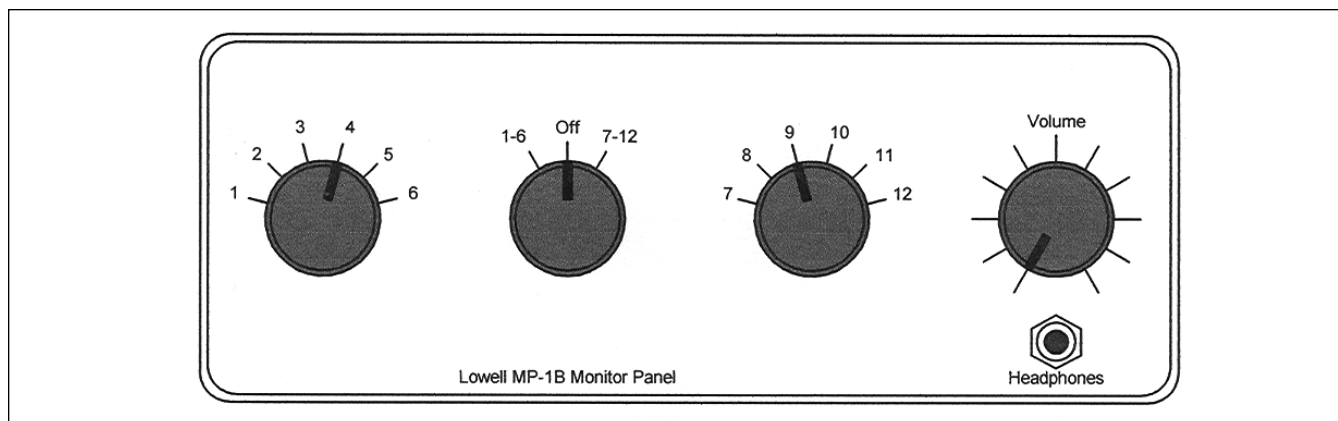
MP-1B

Passive Monitor Panel

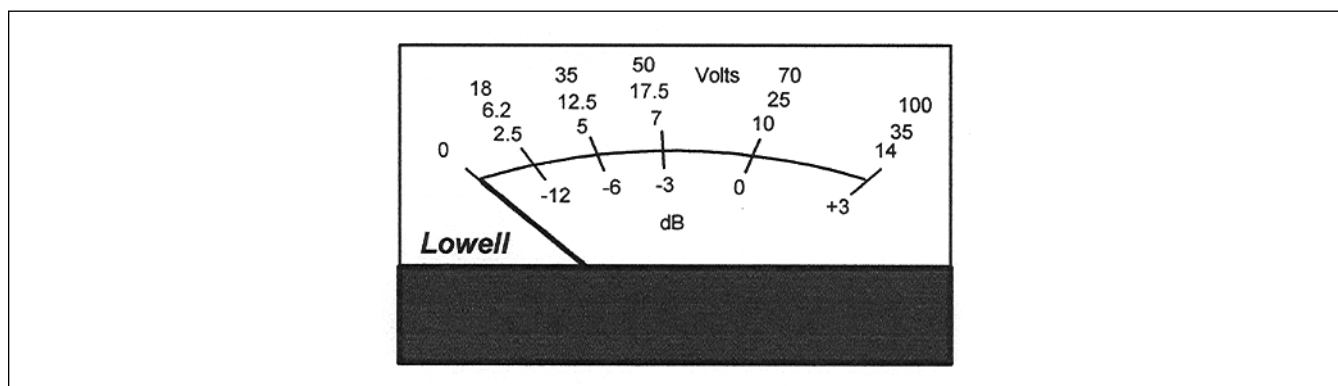
A & E Specifications

The passive monitor panel shall be Lowell Model MP-1B. It shall have twelve channels of visual monitoring and 12 x 1 selectable aural monitoring. The twelve channels shall accept speaker level inputs 0-70 volts. Visual monitoring shall be accomplished via a precision analog meter with VU and voltage scales responding to speaker channel selected. Aural monitoring is accomplished through either a 3" x 5" speaker or switched monaural headphone output (stereo jack) responding to the speaker channel selected.

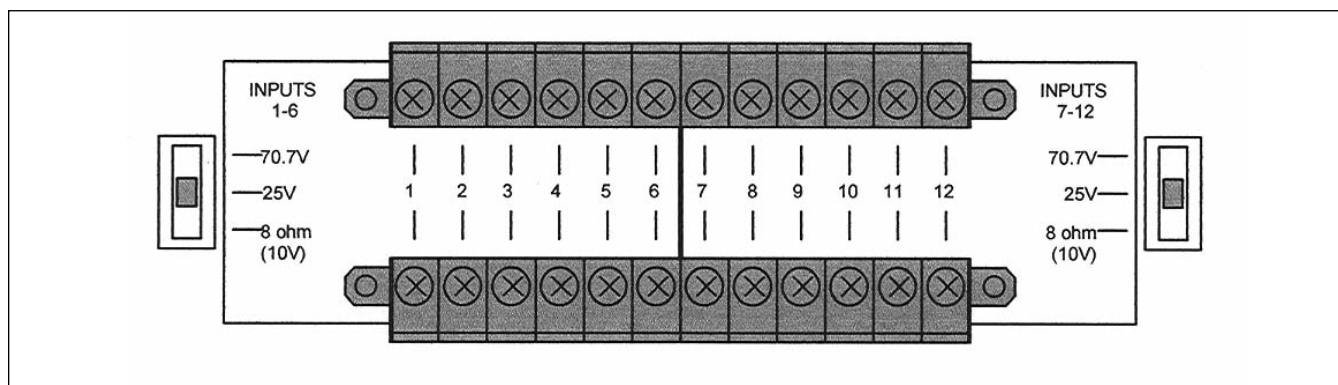
Convenient controls shall be provided to individually select a single speaker level input with the ability to toggle between the selected group of speaker inputs (1-6 or 7-12). Rear panel termination for input connections shall be made to barrier strip screw terminals, and be group selectable for speaker level (70V, 25V and 10V for 8ohm). The rackmount steel chassis shall be 19"W x 3.5"H (2RU) x 5.5"D, and finished in black powder epoxy.



MP-1B Front panel controls



MP-1B Meter scales



MP-1B Rear panel layout

12"/10"
Speakers &
Accessories

8"
Speakers &
Accessories

6"
Speakers &
Accessories

4"
Speakers &
Accessories

Horn
Speakers &
Accessories

Masking
Speakers &
Generators

Control
Accessories
& Electronics

Monitor Panels