

# FM Radio/Receiver

## Model FMR



### Features

- Economical background music/music-on-hold source
- Choice of 1-watt output for M-O-H or line output for background music
- Automatic frequency control (AFC) prevents signal drift
- Uses 12V DC or 24V DC power supply (not included)
- Wall-mount design

### Description

The Bogen Model FMR is an economical FM radio/receiver especially designed to provide background music over a paging system, or supply music-on-hold to a telephone system. The unit has 1-watt and line-level outputs to facilitate connection to a variety of paging/telephone systems including an amplified speaker.

A built-in speaker makes tuning easy. An LED indicator illuminates when the signal is strongest. Automatic frequency control (AFC) prevents signal drift.

In addition to a built-in telescoping antenna, provisions are included to connect an external antenna. A tone control and output volume controls are included and are screwdriver-adjustable. Screw terminals are provided for the outputs, antenna, and 24V power source. A jack is included to connect a 12V receptacle-mount power supply. (Power supply not included - PRS40C recommended.) The FMR is 6" high, only 3-3/8" wide, and includes flanges for wall-mounting.

### Specifications

<b>Tuning Range:</b>	87.5MHz to 108.5MHz
<b>FM Sensitivity:</b>	8mV
<b>Frequency Response:</b>	90Hz to 16kHz $\pm$ 2dB
<b>Power Output:</b>	1-watt @ 8-ohms; 100mW (Line Out)
<b>Signal-to-Noise Ratio:</b>	-65dB
<b>Distortion:</b>	Less than 2% at rated power output
<b>Power Requirements:</b>	12V DC or 24V DC; 250mA
<b>Dimensions:</b>	3-3/8"W x 6"H x 1-1/2"D

**BOGEN<sup>®</sup>**  
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