



Infrared Repeater System

M-1A Series, F-1, M-1CB4B



M-1A

Features

- Easily Installed
- Extends IR Control Especially for Rack Mounted Equipment
- Work with Any IR Controlled Device

Applications

Enjoy the convenience of remote control anywhere...any time! Atlas sound offers three repeater styles that let you create remote controls that meet your lifestyle. Wall mounted decora-style Model M-1AJW features a green LED for visual feedback of system status. Concealed mounting Model M-1A features a lens-only configuration for hidden IR control from the ceiling, wall, or anywhere with a mounting depth of 2½".

General Description

M-1A Series. Atlas Sound IR repeaters allow the operation of virtually any IR-controlled A/V component from multiple room locations. The M-1A Series repeater will receive the IR signal and rebroadcast it to the small F-1 flasher LED positioned on the front of each A/V component. The F-1 forwards the signal to the source component's IR receiver.

These micro repeaters feature an attractive, flush, white lens that blends with any white surface. Their high sensitivity enables use within a 40' range with fast reaction time and minimal interference. Repeaters are available installed on a white decorator-style subplate (cover plate not included) or separately for flush-mounting in a ceiling, wall, cabinet, or speaker grille. Model M-1A conceals behind the grille of Architectural Series in-wall speakers to provide custom IR control. (Note: Unit may be sensitive to florescent light and sunlight.)

F-1 Series. Small F-1 flasher LEDs are shipped with an adhesive backing and 1/8" mini plugs for connection to all IR-controlled A/V components. Up to four flasher units may be connected to a single M-1A repeater using two M-1CB4B connector blocks or any standard adapter (by others). (Note: some high-end A/V components are equipped to accept hard-wired IR signals. In this case, F-1 flashers would not be necessary.)

Specifications

M-1A

Description	IR Repeater
Current Draw	12mA
Stlye	Flush Mount
Color	White Lens

M-1AJW

Description	IR Repeater
Current Draw	12mA
Stlye	Wall Mount, Supplied on Decorator Subplate*
Color	White Lens, White Supplater

F-1

Description	Flasher
Current Draw	.05mA
Stlye	Surface Mount
Color	Black Lens,Black Cord

* Decor style devices require cover plate (This is a standard item typically ordered in bulk with other electrical supplies).

**Order Model M-1A separately

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Stand-Alone IR Repeater System

M-1CB4B. For installation flexibility, the M-1CB4B amplified connector block is offered as a plug-in interface device that provides connections for an M-1A Series repeater, four F-1 flashers, and power supply PS-M12. This configuration allows IR operation of up to four AV components from up to four room locations. The M-1CB4B offers 1/8" mini jacks for power supply Model PS-M12 and up to four F-1 flashers; it also provides terminals for wiring up to four M-1A repeaters (rooms) in parallel fashion. The units amplified circuit design supplies clear, strong IR data to source components.

This stand-alone IR repeater system requires: one M-1A repeater in each remote room location, one M-1CB4B for every four AV components, a PS-M12 power supply, and one F-1 flasher for each AV component. For installations which require control of more than four components or transmission from more than four rooms, multiple M-1CB4B blocks may be used.



M-1CB4B

Single Repeater/Emitter System

MODEL F-1 FLASHER/EMITTER

NOTE: Atlas Sound® F-1 Infrared Flashers can be parallel wired. Up to six can be connected to control six sources.

