

Mini-Horns

The SpectrAlert Advance series of mini-horn sounders are designed to simplify installations to provide primary and secondary signaling for fire and security applications.



Features

- 12 and 24V operation
- Mounts to single gang back box
- Compatible with MDL sync module
- Mechanically and electrically compatible with PA400 series Mini-Alert™ sounders
- Listing for ceiling or wall mounting

The MHR1 and MHW1 mini-horns operate at 12 and 24 volts and are ideal for hotel, motel or residential fire system applications, where a smaller notification device is desired. The horns can be mounted to single gang back boxes for aesthetically sensitive applications.

Synchronization is also provided when using the MDL module.

The MHR1 and MHW1 mini-horns can operate between 32 and 120 degrees Fahrenheit from a regulated DC or full-wave rectified, unfiltered power supply. They are listed to Underwriter's Laboratories Standard UL 464 for fire protective signaling systems.

Agency Listings



SpectrAlert[®] Advance Mini-Horn Specifications

Architectural/Engineering Specifications

Mini-horns shall be a System Sensor Model MHR1 or MHW1 capable of operating at nominal 12 or 24VDC and shall mount to a deep single gang back box. Mini-horn shall be listed to Underwriter's Laboratories Standard UL464 for fire protective signaling systems. Mini-horns shall operate between 32 and 120 degrees Fahrenheit from a regulated DC, or full-wave rectified, unfiltered power supply. When used with the Sync•Circuit™ Module, 12-volt rated notification appliance circuit outputs shall operate between nine and 17.5 volts; 24-volt rated notification appliance circuit outputs shall operate between 17 and 33 volts.

Physical Specifications

Dimensions	4.6" L x 2.9" W x .45" D
Weight	2.67 oz.
Operating Temperature Range	32°F to 120°F (0°C to 49°C)
Mounting	Surface: deep single-gang back box (2¾" deep) Flush: Standard 4" x 4" back box with single gang mud ring, which allows sufficient clearance for conduit entrance.

Electrical Specifications

Input Terminals	12 to 18 AWG
Nominal Voltage	Regulated 12DC/FWR or regulated 24DC/FWR
Operating Voltage	8-33
Operating Voltage with MDL	9-33

Sounder Output (dBA) in UL Reverberant Room

Tone	Power Supply	12V	24V
Continuous	DC	75 dBA	82 dBA
	FWR	75 dBA	80 dBA

Current Draw (mA RMS)

Tone	Power Supply	12V	24V
Continuous	DC	18	21
	FWR	18	21

Ordering Information

Part No.	Description
MHR1	Mini-Horn, Red
MHW1	Mini-Horn, White