

Farenhyt



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Audio/Visual Devices

The SpectrAlert® Advance

Mini-Horns MHR/MHW

General

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

The MHR and MHW 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 mini-horns offer high and low volume settings, and temporal or non-temporal tones. The horns can be mounted to single gang back boxes for aesthetically sensitive applications. Synchronization is also provided when using the MDL module.

The MHR and MHW mini-horns can operate between 32 and 120 degrees Fahrenheit from a regulated DC or full-wave rectified, unfiltered power supply.

Features

- Standard UL 464 for fire protective signaling systems.
- 12 and 24V operation.
- High and low volume settings.
- Temporal and non-temporal tones.
- Mounts to a single-gang backbox.
- Compatible with MDL sync module

Agency Listings



SIGNALING
UL
LISTED



MEA
approved
7-07-E



MHR/MHW

Specifications

Physical

Dimensions: 4.6"L x 2.9"W x .45"D.

Weight: 2.67 oz.

Operating Temperature Range: 0°C to 49°C (32°F to 120°F).

Mounting: Surface: Deep single-gang backbox (2-3/4" deep);

Flush: Standard 4" x 4" back box.

Electrical

Input Terminals: 12 to 18 AWG

Nominal Voltage: Regulated 12DC/FWR or 24DC/FWR

Operating Voltage: 8-33

Operating Voltage with MDL3R/W: 9-33

P/N 351512 Rev A

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UL Sound Output and Current Draw Data

Sounder Output (dBA)

Switch Position	Sound Pattern	Volume	8-17.5 VDC	8-17.5 VFWR	Nominal 12 VDC	Nominal 12 VFWR	16-33 VDC	16-33 VFWR
1	Temporal	High	68	67	71	70	78	76
2	Temporal	Low	66	65	69	68	76	75
3	Non-Temporal	High	72	71	71	74	80	79
4	Non-Temporal	Low	70	69	69	72	78	77

Sounder Current Draw (mA RMS)

Switch Position	Sound Pattern	Volume	8-17.5 V		16-33 V	
			DC	FWR	DC	FWR
1	Temporal	High	12	10	17	15
2	Temporal	Low	10	9	14	13
3	Non-temporal	High	22	17	29	25
4	Non-Temporal	Low	17	13	21	19

Ordering Information

MHR: Mini-Horn; Red.

MHW: Mini-Horn; White.

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