Simplex®

*UL Listed**

MX Technology Addressable Devices

Loop Powered General Signaling Sounders for Indoor and Outdoor Applications

Features

MX Technology addressable sounder features:

- MX loop powered with internal isolator, separate voltage is not required
- Listed to UL 464 for general signaling operation
- Available for indoor mounting in red or white and for outdoor mounting in red
- Indoor and outdoor sounders include a matching surface mount box with tamper resistant latch (release tool is supplied)
- Selectable output volume of 90 dB or 103 dB
- Sounders on the same MX Loop are synchronized
- Output sound patterns are selectable from the MX Loop Module to be: March Time (60 bpm); Slow March Time (20 bpm); or Continuous
- Address and sounder selections are easily programmed with the MX 850EMT Engineering Management Tool

Compatibility:

- For use with Simplex® 4100ES and 4010ES Series fire alarm control panels equipped with an MX Loop Module
- Refer to data sheet S4100-0059 for MX Loop Module details
- Refer to specifications section for wiring requirements

Description

MX Loop Powered Sounders use MX Technology communications for control and power. Indoor models are available in red or white. The outdoor model is in red.

With these loop powered sounders, supervision is accomplished using MX loop communications and then they can be activated with the tone selection controlled from the MX Loop Module.

* Listings and approvals under Simplex Time Recorder Co. are the property of Tyco Fire Protection Products.



4906-5201 Indoor Red Sounder



4906-5202 Indoor White Sounder



4906-5203 Outdoor Red Sounder

Model	Color	Description	Dimensions
4906-5201	Red	**Indoor** Sounder with mounting box	108 mm W x 108 mm H x 96 mm D (4.25” x 4.25” x 3.78”)
4906-5202	White		
4906-5203	Red	**Outdoor** Sounder with mounting box	110 mm W x 110 mm H x 105 mm D (4.33” x 4.33” x 4.13”)

Accessories

Model	Description
516.850.900	MX Engineering Management Tool, ref. MX Model 850EMT, installation, diagnostic, and programming tool
516.800.922	MX Ancillary Program Lead (Spare)
516.800.923	MX Service Tool Accessory Kit

MX Loop Supervisory Current		0.45 mA	
Sound Level and Alarm Current	**Setting**	**Low**	**High**
	Sound Output (for general signaling)	90 dB @ 3 m (10 ft)	103 dB @ 3 m (10 ft)
	Current	3.4 mA	8.9 mA
Wiring Connections		Terminal blocks, for wire size 0.5 to 2.5 mm^2 (20 to 14 AWG)	
NOTE: Wiring Requirements		To provide segregation between fire alarm devices and general signaling sounders, wiring into and out of these sounders must be connected through the following MX Loop Sensor Bases: 4098-5215 (Loop Powered Sounder Base) 4098-5212 (Loop Powered Sounder-Beacon Base) 4098-5260 (4” Continuity Base) or the 4090-5206 Line Isolator Refer to data sheet S4098-0051 for MX Loop Sensor Base details and data sheet S4090-0012 for Line Isolator details	
Environmental, **Indoor** Models	Operating Temperature	0° C to 49° C (32° F to 120° F)	
	Storage Temperature	-25° C to 70° C (-13° F to 158° F)	
	Humidity	up to 95% RH non-condensing	
	IP Rating	IP21C (EN60529)	
Environmental, **Outdoor** Model	Operating Temperature	-40° C to 66° C (-40° F to 151° F)	
	Storage Temperature	-25° C to 70° C (-13° F to 158° F)	
	IP Rating	IP65	
Installation Instructions		579-1087	

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