

**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 the sounders can be activated from the *MX* Control Panel. The tone and volume is selected at the sounder using the *MX* 850EMT.



516.800.960 Indoor Red Sounder

**Features****MX TECHNOLOGY addressable sounder features:**

- *MX* Loop powered with internal isolator, separate voltage is not required
- 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 included)
- Selectable output volume of 90dB or 103dB
- Sounders on the same *MX* Loop are synchronised when using the 4100ESi coding option
- Output tone patterns are selectable from 16 choices including: Temporal3 (880Hz), Slow Whoop (500 to 1200Hz), conventional Bell, or Continuous
- Address and sounder selections are easily programmed with the *MX* 850EMT Engineering Management Tool



516.800.961 Indoor White Sounder



516.800.962 Outdoor Red Sounder

**Compatibility:**

- For use with Simplex 4100ESi fire alarm control panels equipped with an *MX* Digital Loop Card
- Up to 250 *MX* devices per *MX* loop
  - 58 Sounders @ high volume
  - 147 Sounders @ low volume
- Refer to data sheet S4098-0059-6AU

## Product Selection

Model	Colour	Description	MX Model Reference	Dimensions
516.800.960	Red	Indoor Sounder with mounting box	LPSY800R	108 W x 108 H x 96 D mm
516.800.961	White	Indoor Sounder with mounting box	LPSY800W	108 W x 108 H x 96 D mm
516.800.962	Red	Outdoor Sounder with mounting box	LPSY865R	110 W x 110 H x 105 D mm

### Accessories

Model	Description
850EMTK	MX Engineering Management Tool Kit, ref. MX Model 850EMT, installation, diagnostic, and programming tool
516.800.922	MX Ancillary Program Lead (Spare)
516.800.922	MX Service Tool Accessory Kit
516.800.924	Package of 10 spare pins for ancillary programming lead

## Specifications

MX Loop Quiescent Current		0.45mA	
Sound Level and Alarm Current	Setting	Low	High
	Sound Output (+/- 3dB)	90dB @ 1m	103dB @ 1m
	Current	3.4mA	8.5mA
Wiring Connections		Terminal blocks for wire size 0.5 to 2.5mm <sup>2</sup>	
Environmental, Indoor Models	Operating Temp	-10°C to +55°C	
	Storage Temperature	-25°C to +70°C	
	Humidity	up to 95% RH non-condensing	
	IP Rating	IP21C	
Environmental, Outdoor Models	Operating Temp	-20°C to +70°C	
	Storage Temperature	-25°C to +70°C	
	IP Rating	IP65	
Installation Instructions		17A-02-SYM-06	

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