

Description

MX Loop Powered Sounder-Beacons 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 sounder-beacons, supervision is accomplished using *MX* loop communications and the beacon and sounder can be separately activated from the *MX* Control Panel. The Tone and Beacon flash rate is selected at the Sounder-Beacon using the *MX* 850EMT Engineering Management Tool.



516.800.963 Indoor Red Sounder-Beacon



516.800.964 Indoor White Sounder-Beacon



516.800.965 Outdoor Red Sounder-Beacon

Features

MX TECHNOLOGY addressable Sounder-Beacon features:

- *MX* Loop powered with internal short-circuit isolator, separate voltage is not required
- Available for indoor mounting in red or white and for outdoor mounting in red
- Indoor and outdoor Sounder-Beacons include a matching surface mount box with tamper resistant latch (release tool is included)
- Selectable output volume of 90dB or 103dB
- Sounder-Beacons 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
- Beacon flash rate selectable: 1/2Hz or 1Hz
- Address; sounder tone and volume; and beacon flash rate selections are easily programmed with the *MX* 850EMT Engineering Management Tool

Compatibility:

- For use with Simplex 4100ESi fire alarm control panels equipped with the 4098-6077AU/LIM *MX* Digital Loop Card
- Up to 250 *MX* devices per *MX* loop
 - 37 Sounder-Beacons @ high volume/flash
 - 76 Sounder-Beacons @ low volume/flash
- Refer to data sheet S4098-0059-6AU

Product Selection

Model	Colour	Description	MX Model Reference	Dimensions
516.800.963	Red	Indoor Sounder-Beacon with mounting box	LPAV800R	108 W x 108 H x 96 D mm
516.800.964	White	Indoor Sounder-Beacon with mounting box	LPAV800W	108 W x 108 H x 96 D mm
516.800.965	Red	Outdoor Sounder-Beacon with mounting box	LPAV865R	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)
516.800.923	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 Volume Sounder	High Volume Sounder	
	Sound Output +/- 3dB	90dB @ 1m	103dB @ 1m	
	Current	1/2 Hz Flash	6.5mA	12mA
		1 Hz Flash	7.6mA	13.2mA
Wiring Connections		Terminal blocks for wire size 0.5 to 2.5mm ²		
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		

SIMPLEX is a trademark of ADT Services GmbH. MAPNET II, SAFELINC, TRUEALARM, TRUESTART are trademarks of ADT Services AG or its affiliates. TYCO is a trademark of Tyco International Services GmbH. © 2016 Tyco Australia Group Pty Limited. A.B.N. 93076836416. Unauthorised use of trademarks is strictly prohibited. Printed Sep 2016



Tyco Fire Protection Products • Southbank, VIC • 3006 • AUS

S4906-0015-1AU D6 9/2016

www.simplex-fire.com

© 2016 Tyco Fire Protection Products. All rights reserved. All specifications and other information shown were current as of document revision date and are subject to change without notice.