

Emergency mass notification appliance



- Picture includes
- RSPA-24MCC-NW
 - E70-24MCW-FW
 - Backboxes SBL-2, ISP-2

Description

The Wheelock Emergency Mass Notification Appliance (EMNA) is a combination appliance consisting of 1 E70 or ET70 multicandela wall speaker strobe, 1 RSSP colored lens strobe plate (amber, blue, green or red) and 1 ISP-2 and/or SPL-2 backbox.

The E70 low profile speaker strobes are designed for high efficiency sound output, with dual voltage (25/70 VRMS) capability and field selectable taps from 1/8 to 2 watts.

The ET70 speaker strobes provide high audio output, clear audibility, dual voltage (25/70 VRMS) capability and field selectable taps from 1/8 to 8 watts.

The strobe portion of the E70 and ET70 speaker strobes may be synchronized when used in conjunction with the Wheelock SM, DSM sync modules or Wheelock's PS power supplies with Wheelock patented sync protocol.

The RSSP strobe plates are a cost effective way to retrofit colored lens strobe appliances to speakers and easily mounts to standard 4" backboxes or for surface mount use with Wheelock's SBL2 surface backbox. The strobes are available in amber, blue, green and red. The strobes operate from 16 to 33 vdc (using filtered or FWR voltage). Intensity options for amber, blue and green lens strobes include multi-candela models with four field-selectable settings or 110 candela models. Red lens strobes are available in 75 or 110 candela models and are Listed under UL Standard 1638.

Applications

- Mass notification systems
- Hazard warning/alerting
- Security alert indication
- Personnel alerting

Features & benefits

E70 and ET70

- Approvals include UL Standard 1971, UL Standard 1480, New York City (MEA), California State Fire Marshal (CSFM), Factory Mutual (FM) and Chicago (BFP) (see approvals by model in Specifications and Ordering Information)
- Compliant with UFC-04-021, ADA, OSHA L1910.165
- Wall-mount models are available with field-selectable candela settings of 15/30/75/110cd
- Strobes produce 1 flash per second over the regulated voltage range
- 24 VDC with wide UL "Regulated Voltage" using filtered DC or unfiltered VRMS input voltage
- Synchronize with Wheelock SM, DSM or Wheelock PS power supply with built-in sync protocol
- High-efficiency design for maximum output at minimum wattage across a frequency range of 400 to 4000 HZ

RSSP Colored Lens Strobe Plates

- Approvals include UL Standard 1638
- Choice of four strobe lens colors with wide range of intensity options
- Wide operating voltage range
- Strobes can be synchronized with Wheelock's SM or DSM sync modules or PS power supplies
- Combination speaker/strobes available for voice messages with visual alerting
- Mount to standard electrical boxes
- High quality designs from the leader in fire notification alarms

Note: Please read these specifications and associated installation instructions before using, specifying, or installing this product. Visit Eaton.com/massnotification for current installation instructions.

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General notes

- Operational and storage specifications:
 - Temperature range: 32°F–120°F (0°–49°C)
 - Humidity range: 0–85% non-condensing
- For additional specifications, refer to the following data sheets:
 - TD450031EN – ET speaker strobes
 - TD450024EN – E speaker strobes
 - TD450040EN – RSS colored lens strobes
 - TD450028EN – Mounting accessories

Note: Due to continuous development of our products, specifications and offerings are subject to change without notice in accordance with Cooper Wheelock, Inc., dba Eaton, standard terms and conditions.

Military and government systems offered by Wheelock

- Wheelock systems meet all requirements of the Unified Facilities Criteria (UFC) 4-021-01, 18 December 2002
 - UFC Performance Criteria for Mass Notification System for the Interior of Structures
- Personnel Alert Systems (PAS)
 - Provide force protection and early warning in emergency situations including bomb threat, terrorist attack, security breach, chemical release, natural disaster and OEM
- Wheelock Wireless Platform for Base Wide (exterior) and Building Facility (interior) Systems
- Mass Notification Systems (MNS)
- Secure systems for SCIF room applications

Table 1. Specifications and ordering information

Model Number	Order Code	Lens Color	Strobe Candela ^①	Mounting Options	Strobe Voltage ^②	Strobe Current (RMS)		Agency Approvals
						16 vdc	24 vdc	
RSSPA-24MCC-NW	3308	Amber	MCC	Wall or ceiling	24 vdc	(Refer to Table 2)		None
RSSPB-24MCC-NW	3306	Blue	MCC	Wall or ceiling	24 vdc	(Refer to Table 2)		None
RSSPG-24MCC-NW	3307	Green	MCC	Wall or ceiling	24 vdc	(Refer to Table 2)		None
RSSPR-24110-NW	3309	Red	110	Wall or ceiling	24 vdc	0.420	0.37	UL, CSFM, MEA, BFP
E70-24MCW-FW	9023	Clear	MCW	Wall	24 vdc	(Refer to Table 3)		UL, CSFM, MEA, BFP
ET70-24MCW-FW	9021	Clear	MCW	Wall	24 vdc	(Refer to Table 3)		UL, CSFM, MEA, BFP
ISP2-W	3195	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SBL2-W	6989	N/A	N/A	N/A	N/A	N/A	N/A	N/A

① Candela is measured on axis per UL 1638. Models with MCC strobes have 4 field-selectable candela settings. MCC settings are rated for clear lens—derate approximately 25% for amber, 55% for green and 70% for blue.

② All strobes operate from 16 to 33 volts at 1 flash/second using filtered or full-wave-rectified DC voltage. (See installation instructions.)

Table 2. Strobe current for MCC strobes

MCC Setting	15	30	75	95
Current @ 16 vdc	0.065	0.105	0.189	0.249
Current @ 24 vdc	0.045	0.070	0.119	0.159

Table 3. Strobe current for MCW strobes

MCC Setting	15	30	75	110
Current @ 16 vdc	0.062	0.102	0.192	0.265
Current @ 24 vdc	0.041	0.065	0.116	0.155



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