

STH weatherproof cluster speakers with one RSSWP strobe



Description

The Wheelock STH weatherproof cluster speaker with RSSWP multi-candela strobe is designed for indoor/outdoor ceiling mounting in high ambient noise environments. It is available with 2, 3 or 4 speakers for wide area coverage. The cluster speaker strobe is supplied with STH-15SR (UL1480 Listed) horns and one RSSWP24MCCH (UL 1638/UL 1971 listed) ceiling strobe mounted to a NEMA 4X non-metallic enclosure. The strobe is synchronizable. The STH weatherproof cluster speaker with MCCH strobe comes fully assembled.

◆◆◆◆ STH-4RWP24MCCH

Supplied with four STH-15SR horns and one RSSWP-24MCCH strobe. The strobe has the following options:

- Red with no lettering
- Red with FIRE lettering
- White with no lettering
- White with FIRE lettering

◆◆◆ STH-3RWP24MCCH

Supplied with three STH-15SR horns and one RSSWP-24MCCH strobe. The strobe has the following options:

- Red with no lettering
- Red with FIRE lettering
- White with no lettering
- White with FIRE lettering

◆◆ STH-2RWP24MCCH

Supplied with two STH-15SR horns and one RSSWP-24MCCH strobe. The strobe plate has the following options:

- Red with no lettering
- Red with FIRE lettering

◆ STH-90-RWP24MCCH-NR

Supplied with two STH-15SR horns and one RSSWP-24MCCH strobe, designed for corner mount. The strobe has the following options:

- Red with no lettering
- Red with FIRE lettering

Applications

Designed for use in manufacturing plants and factories with high ambient noise levels and for UL Required Fire Life Safety Applications.

- Hazard warning/alerting
- Industrial audible and visual signaling
- Process control area notification
- Warning lights
- Security alert indication
- Emergency notification
- Employee notification

Features & benefits

- STH-15SR Speakers are UL Standard 1480 Listed; RSS-WP-24MCCH Strobes are UL Standard 1968, UL Standard 1971
- Compliant with ADA, OSHA 1910.165, ANSI 117.1, NFPA 72, NFPA 101, and IFC
- Cluster and strobe wiring can be monitored for integrity by the control panel
- Cluster speaker strobes come fully assembled
- High-efficiency unit for fire life safety and/or general communication announcing/notification
- Provides for high-intelligibility voice reproduction and high-intensity visual alerting for emergency life safety applications, alarm and protective signaling
- Speakers and strobes are prefabricated to a 15.5" x 13.5" x 7" NEMA 4X non-metallic enclosure for indoor/outdoor use.
- Mounts to ceiling
- Only 1 pair of wires needed for audio connections
- Strobes are connected to the NAC strobe circuit and are selectable 115 or 177 candela
- Each individual STH-15SR horn is capable of delivering up to 102 dB at 15 watts at 10 feet
- Cluster speakers deliver omni-directional sound
- Conduit knockouts for 1/2" or 3/4" coupling

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

General notes

STH-15SR Horn Loudspeakers

- UL Standard 1480 Listed
- Supervised weatherproof horn speaker
- Up to 15 watts RMS of power handling capability
- Superior intelligibility and sound dispersion
- Built-in 25/70 Volt transformer with screwdriver adjustable wattage tape selector
- Frequency response: 400–4,000 Hz
- Power taps:
 - 25 Volts: 0.48, 0.94, 1.8, 7.5, and 15
 - 70 Volts: 0.9, 1.8, 3.8, 7.5, and 15
- Swivel mounted for easy angle adjustment
- Refer to Data Sheet TD450078EN for detailed specs on horn

RSSWP-24MCCH Strobe

- UL Standard 1968 and 1971 listed
- High intensity selectable 115 or 177 candela ceiling strobe
- Factory setting is 177 candela
- Synchronizable when used with DSM or Wheelock's power supplies or Wheelock's SAFEPATH
- 24 VDC input voltage
- 2-Wire connection
- Current draw @ 24 VDC: 115cd–0.300/177cd–0.420
- Strobes produce 1 flash per second over the regulated voltage range
- Refer to Data Sheet TD450112EN for detailed RSSWP strobe specs

Table 1. Specifications and ordering information ①

Model Number	Strobe Plate	Description
STH-4RWP24MCCH-NR	Red with no lettering	Supervised speaker strobe supplied with four STH-15SR horns and one RSSWP-24MCCH ceiling strobe mounted to a NEMA 4X non-metallic enclosure
STH-4RWP24MCCH-FR	Red with FIRE lettering	
STH-4RWP24MCCH-NW	White with no lettering	
STH-4RWP24MCCH-FW	White with FIRE lettering	
STH-3RWP24MCCH-NR	Red with no lettering	Supervised speaker strobe supplied with three STH-15SR horns and one RSSWP-24MCCH ceiling strobe mounted to a NEMA 4X non-metallic enclosure.
STH-3RWP24MCCH-FR	Red with FIRE lettering	
STH-3RWP24MCCH-NW	White with no lettering	
STH-3RWP24MCCH-FW	White with FIRE lettering	
STH-2RWP24MCCH-NR	Red with no lettering	Supervised speaker strobe supplied with two STH-15SR horns and one RSSWP-24MCCH ceiling strobe mounted to a NEMA 4X non-metallic enclosure.
STH-2RWP24MCCH-FR	Red with FIRE lettering	
STH-90-RWP24MCCH-NR	Red with no lettering	Supervised speaker strobe supplied with two STH-15SR horns mounted adjacent to each other, designed for a corner mount configuration and one RSSWP-24MCCH ceiling strobe mounted to a NEMA 4X non-metallic enclosure
STH-90-RWP24MCCH-FR	Red with FIRE lettering	

① The weatherproof cluster speakers with RSSWP strobe are a special order. Please consult Customer Service for part number set up and lead time information.

Architects and engineers specifications

The cluster speaker strobe shall be the STH with RSSWP-24MCCH Strobe or approved equal. The cluster speaker strobe shall be designed for indoor/outdoor ceiling mounting for high ambient noise environments. The speaker strobe shall be supplied with UL Standard 1480 listed horn(s) and one UL Standard 1968 and UL standard 1971 listed ceiling strobe mounted to a NEMA 4X non-metallic enclosure. The strobe shall be a selectable 115 or 177 candela synchronizable strobe. The cluster speaker and strobe shall be fully assembled. The cluster speaker and strobe shall be capable of use for UL Required Fire Life Safety applications. The cluster speaker and strobe wiring shall be able to be monitored for integrity by the control panel.

The STH cluster speaker with MCCH strobe shall comply with NFPA 72, NFPA 101, OSHA 1910.165, ANSI 117.1, ADA, and IFC.

The speaker horns shall measure 7.87"W x 8.75"H x 9.32"D each and shall be prefabricated on the sides of a 15.5" x 13.5" x 7" enclosure.

The Strobe shall be a high-intensity selectable 115 or 177 candela ceiling strobe with a current draw of 0.300 amps for 115cd @ 24 VDC or 0.420 amps for 177 cd @ 24VDC, and shall be prefabricated on the bottom of the enclosure.

Mounting of the cluster speaker strobe shall be accomplished by using pre-drilled holes on the enclosure.

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.



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3-YEAR WARRANTY

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