

STH weatherproof cluster speakers with one RSSWP strobe (Canada)



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-ULC (ULC listed under CAN/ULC-S541-M87) horns and one RSSWP-24MCCH (UL listed under CAN/ULC S526-07) 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-CAN

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-CAN

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-CAN

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-CAN

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

Applications

Designed for use in manufacturing plants and factories with high ambient noise levels and for ULC 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-ULC Speakers are ULC Listed under CAN/ULC S541-M87. RSSWP-24MCCH is ULC Listed under CAN/ULC S526-07
- Compliant with Canadian Standard for the Installation of Fire Alarm Systems, CAN/ULC-S524 and the Canadian Electrical Code, Part 1
- 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-ULC 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-ULC Horn Loudspeakers

- ULC Listed under CAN/ULC S541-M87
- 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 tap selector
- Frequency response: 400–4,000 Hz
- Power taps:
 - 25 Volts: 0.48, 0.94, 1.83, 7.0, and 13.9
 - 70 Volts: 0.9, 1.8, 3.8, 7.5, and 15
- Swivel mounted for easy angle adjustment
- Refer to Data Sheet TD450156EN for detailed specs on horn

RSSWP-24MCCH Strobe

- ULC Listed under CAN/ULC S526-07
- 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 information①

Model Number	Strobe Plate	Description
STH-4RWP24MCCH-NR-CAN	Red with no lettering	Supervised speaker strobe supplied with four STH-15SR-ULC horns and one RSSWP-24MCCH ceiling strobe mounted to a NEMA 4X non-metallic enclosure
STH-4RWP24MCCH-FR-CAN	Red with FIRE lettering	
STH-4RWP24MCCH-NW-CAN	White with no lettering	
STH-4RWP24MCCH-FW-CAN	White with FIRE lettering	
STH-3RWP24MCCH-NR-CAN	Red with no lettering	Supervised speaker strobe supplied with three STH-15SR-ULC horns and one RSSWP-24MCCH ceiling strobe mounted to a NEMA 4X non-metallic enclosure.
STH-3RWP24MCCH-FR-CAN	Red with FIRE lettering	
STH-3RWP24MCCH-NW-CAN	White with no lettering	
STH-3RWP24MCCH-FW-CAN	White with FIRE lettering	
STH-2RWP24MCCH-NR-CAN	Red with no lettering	Supervised speaker strobe supplied with two STH-15SR-ULC horns and one RSSWP-24MCCH ceiling strobe mounted to a NEMA 4X non-metallic enclosure.
STH-2RWP24MCCH-FR-CAN	Red with FIRE lettering	
STH-90-RWP24MCCH-NR-CAN	Red with no lettering	Supervised speaker strobe supplied with two STH-15SR-ULC 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-CAN	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-15SR-ULC 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 ULC listed horn(s) and one ULC 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 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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