

Series STH Cluster Speakers

STH-4M30WC



Description:

The Wheelock Weatherproof STH-4M30WC Series Cluster Speaker is designed for ceiling, wall or roof mounting for high ambient noise and outdoor environments. The Cluster Speaker is a speaker/visual alerting system, equipped with four STH-30 horn loudspeakers, and a DC-MAX-C Strobe, mounted to a NEMA 4X rated fiberglass enclosure. Each horn can deliver 125 dB of sound @ 1 watt, 1 meter. The Cluster Speakers can be connected to Wheelock **SAFEPATH®** Systems. Capacitors are installed in line with the speakers to ensure speaker wire supervision.

Applications for Cluster Speakers:

Designed for use in Manufacturing Plants, Processing Plants and Factories with high ambient noise levels as well as for outdoor environments.

- Hazard warning / alerting
- Industrial audible and visual signaling
- Process control area notification
- Warning lights
- Security alert indication
- Personnel alerting
- Intrusion warning
- Piers or docks

Features:

- Approvals Include: UL Standard 1638 for Visual Signaling
- Complies with OSHA 1910.165
- The Series STH-4M30WC appliances are weatherproof
- Cluster Speaker system comes fully assembled
- High efficiency unit for announcing and notification
- Provides high-intelligibility voice reproduction and available high intensity visual alerting for emergency alarm and protective signaling
- Speakers and Strobe are prefabricated to a 13.50" x 15.50" x 6.25" NEMA 4X rated fiberglass enclosure
- Mounts to ceiling, wall or roof
- Only 2 pair of wires needed for audio connections
- The cluster speaker system is capable of delivering over 125 dB @ 1 watt, 1 meter
- DC-MAX-C strobe has a 100 candela strobe at 60 double flashes per minute
- Omni-directional sound
- Speakers come preset at 30 watts each
- Labor savings – (both time and money)
- Conduit knockouts for ½" coupling
- Shipped in one box



ARCHITECTS AND ENGINEERS SPECIFICATIONS

The Cluster Speaker shall be the STH-4M30WC or approved equal. The Cluster Speaker shall consist of: four (4) STH-30 horns and one (1) supervised 100 candela DC-MAX-C strobe or equivalent.
Each STH-4M30WC shall be capable of producing 125 dBA @ 1 watt, 1 meter.
The Cluster Speaker shall comply with OSHA 1910.165 and UL Standard 1638.
The STH-30 horns shall measure 10"W x 10.5"L and shall be prefabricated on the sides of a 13.50" x 15.50" x 6.25" NEMA 4X fiberglass enclosure.
The DC-MAX-C strobe shall measure 6.2" in diameter and be 5" in height, and shall be prefabricated in the center of the cover of a 13.50" W x 15.50" L x 6.25" H NEMA 4X fiberglass enclosure.
Mounting of the Cluster Speaker shall be accomplished by using the four predrilled holes in the enclosure.
The STH-4M30WC shall weigh approximately 45 lbs.
The STH-4M30WC shall measure approximately 36.5" W x 34.5" L x 11" H

STH-30 Horn Loudspeakers

- Up to 30 watts RMS of power handling capability
- Superior intelligibility and sound dispersion
- Built-in 70 Volt transformer
- 125 dBA @ 1 watt, 1 meter
- Frequency Response: 375 – 10 KHz
- Power taps: 70 Volts: 2.0, 3.8, 7.5, 15.0 & 30.0
- Swivel mounted for easy angle adjustment

DC-MAX-C Strobe

- High intensity MAX strobe
- Clear lens made of Lexan
- Powerful 7.5 Joules double flash light burst
- 100 candela, 60 double flashes per minute
- Voltage range: 10.5 VDC to 31.0 VDC
- Complies with UL Standard 1638
- Refer to Data Sheet I1008 for detailed specs

Note: Special orders of different colored lenses are available in Blue, Red or Amber. Please contact Wheelock for details.

Note: The Series Cluster speaker with MAX Strobe is NOT designed to operate on a synchronized circuit.

SPECIFICATIONS AND ORDERING INFORMATION*

Model Number	Order Code	Description
STH-4M30WC	9762	Speaker/Visual system supplied with four STH-30 horns and one DC-MAX-C strobe mounted to a NEMA Type 4X fiberglass enclosure

*The Series STH-4M30WC is a special order.

Note: The STH-4M30WC is not intended for UL required Fire Life Safety applications.
See Wheelock Catalog or Website for products to meet Fire Life Safety Applications.

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



WE ENCOURAGE AND SUPPORT NICET CERTIFICATION
3 YEAR WARRANTY

S9005 STH WP 06/11

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