

### 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.

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3 YEAR WARRANTY  
Made in USA

S9005 STH WP 06/06