

## Features for all Cluster Speaker Models:

Complies with UL Standard 1480, NFPA 72, NFPA 101 and OSHA 1910.165. Speaker/visual system also complies with UL Standard 1638

Cluster Speaker systems come fully assembled.

High efficiency unit for life safety and/or general communication announcing/notification

Provides high-intelligibility voice reproduction and available high intensity visual alerting for emergency alarm and protective signaling

Speakers and Strobes are prefabricated to a 10" x 10" x 6" steel enclosure for indoor use

Mounts to ceiling or wall

Only 1 pair of wires needed for audio connections.

Each individual STH-15SR or STH-15S horn is capable of delivering up to 102 dB at 15 watts at 10 feet

Omni-directional sound

Labor savings (both time and money)

Conduit knockouts for 1/2" or 3/4" coupling

## Description:

Cluster Speakers are designed for ceiling or wall mounting for high ambient noise environments. The Cluster Speakers are available in multiple configurations. A speaker/visual (Series STH-MSR) and speaker only (Series STH-R or STH-G) alerting system. All alerting systems are equipped with UL listed STH-15SR or STH-15S supervised horn loudspeakers and the speaker/visual system has a UL listed DC-MAX-C strobe, mounted to a steel enclosure

**STH-4MSR** and **STH-4R** supplied with four **STH-15SR** Horns  
**STH-3MSR** and **STH-3R** supplied with three **STH-15SR** Horns  
**STH-2MSR** and **STH-2R** supplied with two **STH-15SR** Horns  
**STH-2G** supplied with two **STH-15S** Horns  
All **STH MSR** Series Cluster Speakers are supplied with one DC-MAX-C strobe with clear lens.

## Applications for Series Cluster Speakers:

Designed for use in Manufacturing Plants, Processing Plants and Factories with high ambient noise levels. • Hazard warning / alerting • Industrial audible and visual signaling • Process control area notification • Warning lights • Security alert indication  
The **SHMP-R** is a UL listed adapter plate designed for mounting one STH-15SR horn to a series RSSP strobe mounting plate. For surface mount applications, the SBL-R surface mount backbox is required.

## Cluster Speakers



## STH-15SR or STH-15S Horn Loudspeakers

Supervised weather proof horn speaker

Up to 15 watts RMS of power handling capability

Superior intelligibility and sound dispersion

Built-in 25/70 Volt transformer w/screwdriver adjustable wattage tape selecton

Frequency Response: 400 14,000 Hz Power

taps: 25 Volts: .48, .94, 1.8, 7.5, and 15 70

Volts: .9, 1.8, 3.8, 7.5, and 15

Swivel mounted for easy angle adjustment

Complies with UL Standard 1480

Refer to Data Sheet S0100 for detailed specs

## 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

Note: Special orders of different colored lenses are available in Blue, Red or Amber. Please contact factory 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-4MSR     | 8157       | Speaker/visual systems supplied with four STH-15SR horns and one DC-MAX-C Strobe mounted to a NEMA Type 1 steel enclosure  |
| STH-3MSR     | 8156       | Speaker/visual systems supplied with three STH-15SR horns and one DC-MAX-C Strobe mounted to a NEMA Type 1 steel enclosure   |
| STH-2MSR     | 8155       | Speaker/visual systems supplied with two STH-15SR horns and one DC-MAX-C Strobe mounted to a NEMA Type 1 steel enclosure   |
| SHMP-R       | 8154       | UL Listed adapter plate, designed to mount the STH-15SR horn speaker (7938) to a Series RSSP Strobe Mounting Plate. For surface mount applications, the SBL2-R (6988) surface mount backbox is required. |
| STH-4R       | 8186       | Speaker System supplied with four STH-15SR horns mounted to a NEMA Type 1 steel enclosure  |
| STH-3R       | 9753       | Speaker System supplied with three STH-15SR horns mounted to a NEMA Type 1 steel enclosure   |
| STH-2R       | 9752       | Speaker System supplied with two STH-15SR horns mounted to a NEMA Type 1 steel enclosure   |
| STH-2G       | 0101       | Speaker System supplied with two STH-15S horns mounted to a NEMA Type 1 gray steel enclosure   |

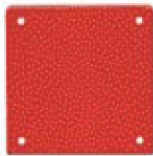
\*The Series Cluster Speakers with Max Strobe are a special order.

NOTE: The Series Cluster Speakers with MAX Strobes (STH-4MSR, STH-3MSR, & STH-2MSR) are not intended for UL required Fire Life Safety applications. See Series STH Cluster Speaker with MCCH Strobe 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 factory standard terms and conditions.

NOTE: Not intended for washdown areas.

SHMP-R



*Specifications are subject to change without notice. Specifications are provided for information only and no responsibility is assumed by Evax Systems, Inc for their use.*

