



## Architects and Engineering Specifications

The Cluster Speaker shall be the STH-4MSR, STH-4R or STH-3MSR, STH-3R or STH-2MSR, STH-2R, STH-2G or approved equal. The Cluster Speaker shall consist of: four (4) STH-15SR supervised horns for the STH-4MSR, STH-4R or three (3) STH-15SR supervised horns for the STH-3MSR, STH-3R or two (2) STH-15SR or STH-15S (for the STH-2G) supervised horns for the STH-2MSR, STH-2R, STH-2G or equivalent. The Series STH-MSR Cluster speakers shall also consist of one (1) supervised 100 candela DC-MAX-C strobe or equivalent.

The Cluster Speaker shall comply with UL Standard 1480, NFPA 72, NFPA 101 and OSHA 1910.165. The Cluster Speakers with strobe shall also comply with UL Standard 1638. The STH-15SR or STH-15S horns shall be supervised horns measuring 7.87"W x 8.75"H x 9.32"D and prefabricated on the sides of a 10" x 10" x 6" steel enclosure.

The DC-MAX-C strobe shall be 6.2" diameter and prefabricated in the center of the cover of a 10" x 10" x 6" steel enclosure, for series STH-MSR.

Mounting of the Cluster Speaker shall be accomplished by using the four pre-drilled holes in the enclosure or by drilling new holes in order to be compatible with other mounting conditions. The SHMP-R shall be a 4" x 4" UL listed adapter plate with pre drilled holes for mounting the STH-15SR or STH-15S to a Series RSSP plate.