

# MH and MHT Mini-Horns

## Horn and Horn-Strobes

### ENGINEER AND ARCHITECT SPECIFICATIONS

- Single, Two-Gang, 4 Square, or Surface Back Box Mounting
- Both Steady Horn and Temporal Code Models Available
- ADA/UL 1971 Horn-Strobe Versions
- Screw Terminals Accept up to #12 AWG
- Available in Red or Off-White Color
-  Listed



Universal Mounting



Universal Mounting w/Strobe



Single Gang Mounting

## Introduction

Cerberus Pyrotronics horns and horn-strobes provide high-quality electronics for maximum reliability and low current draw to meet any fire/life safety application.

These units are designed for ADA applications and meet the latest requirements of NFPA 72 (the National Fire Alarm Code) and UL 1971 standards for signaling devices for the hearing impaired.

## Description

Cerberus Pyrotronics Mini-Horns are available in both single-gang (4 x 2.75 x 1.33 deep) and universal mounting (4.75 x 4.75 x 1.33 deep) configurations. The universal mounting version mounts to either a single-gang, two-gang, 4 inch square, or surface box. With the universal mount models, the horn/horn-strobe mounts to the universal mounting plate with a single screw. On all units, only the terminal strip protrudes from the back of the horn allowing for mounting in virtually any depth box. The MH provides a steady tone horn. The MHT uses a jumper to select steady or temporal (Code 3) horn.

All strobe versions utilize a Xenon flashtube with solid state circuitry for maximum reliability and efficiency. Strobes are available in 15, 15/75, 75 and 110 Candela ratings. The top of the strobe has a rounded dome shape made of clear Lexan®. The overall lens height is 2.5 with a width of 1.25.

The S15 model provides 15 cd and is used in non-sleeping areas where lower candela is required per UL 1971.

The S17 model is for non-sleeping installations requiring 15 cd output while also providing an ADA compliant 75 cd frontal output for public areas.

The S75 version offers a 75 cd polar output that meets ADA requirements for regular lighted public areas while also satisfying UL 1971 in substitution of multiple 15 cd units.

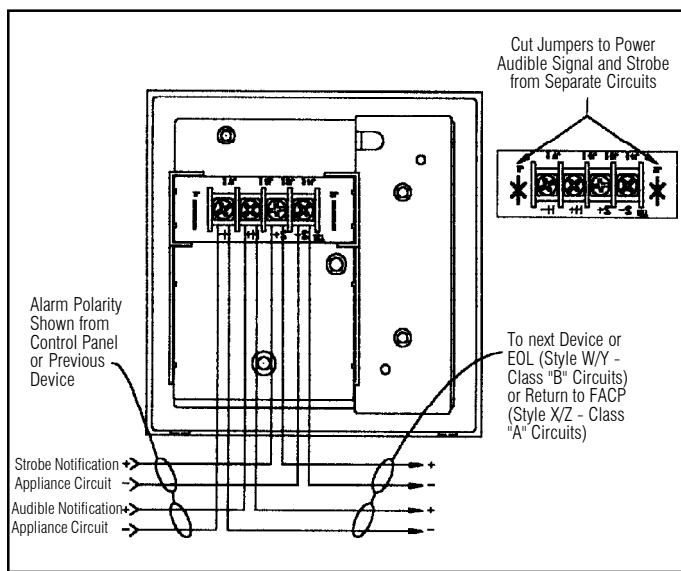
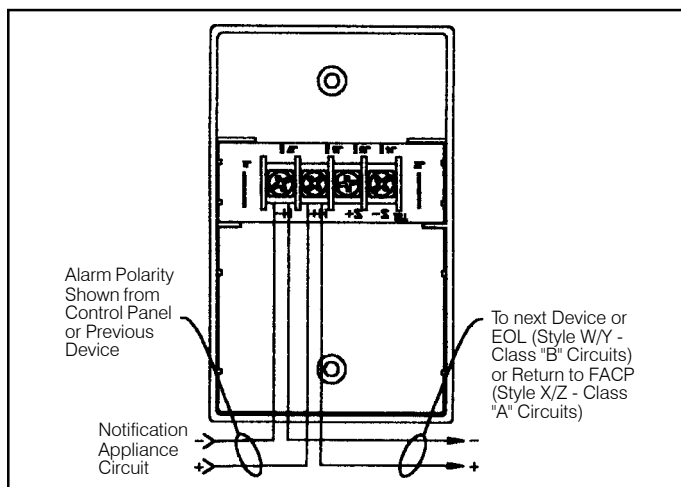
The S110 version intensifies a non-sleeping ADA area with 110 cd and can be used in sleeping areas to help wake the hearing impaired person per UL 1971.

## Mini-Horns and Horn/Strobes (@ 24 VDC)

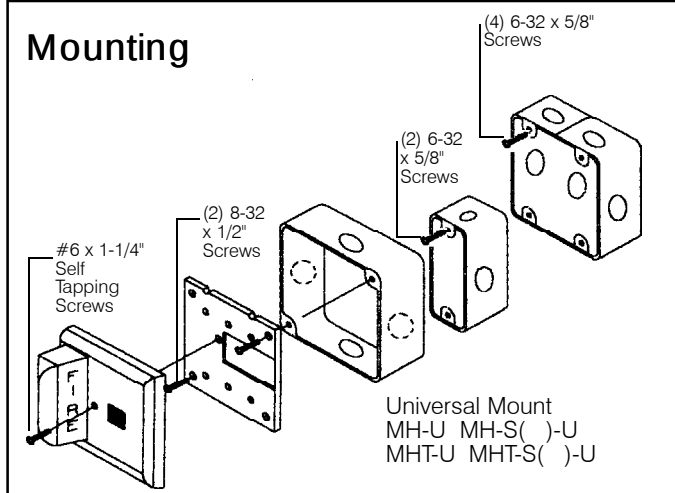
| Model No.  | Mounting                        | Horn Rating                                                                                                                                 | Nominal Strobe Current Ratings (mA) |             |           |             |
|------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|-------------|-----------|-------------|
|            |                                 |                                                                                                                                             | 15 (15cd)                           | 17(15/75cd) | 75 (75cd) | 110 (110cd) |
| MH-1G      | 1 Gang                          | 15mA @ 24 VDC<br>92dB @ 10Ft.<br>Nominal Steady<br>or Temporal<br><br>84 Steady / 83<br>Temporal dB @<br>10Ft. in UL<br>Reverberant<br>Room | NA                                  | NA          | NA        | NA          |
| MH-U       | Universal<br>(1, 2 Gang or 4SQ) |                                                                                                                                             | NA                                  | NA          | NA        | NA          |
| MH-S( )-U  | Universal<br>(1, 2 Gang or 4SQ) |                                                                                                                                             | 80                                  | 80          | 175       | 245         |
| MHT-1G     | 1 Gang                          |                                                                                                                                             | NA                                  | NA          | NA        | NA          |
| MHT-U      | Universal<br>(1, 2 Gang or 4SQ) |                                                                                                                                             | NA                                  | NA          | NA        | NA          |
| MHT-S( )-U | Universal<br>(1, 2 Gang or 4SQ) |                                                                                                                                             | 80                                  | 80          | 175       | 245         |

Note: ( ) represents strobe model, e.g., 15, 17, 75 or 110.  
The MH Series has steady horn ONLY.  
The MHT is user selectable, steady or temporal.

### Typical Wiring



### Mounting



### Accessories

| Model No. | Description                                 |
|-----------|---------------------------------------------|
| FIB       | Indoor Box, Red, 4" SQ Large                |
| FBX-SF    | Surface Box, Red for Universal Mount Models |

Note: When ordering signals or boxes in white, add the letter "W" to the end of the model number (e.g., MH-S15-U is MH-S15-UW in white).

**NOTICE:** The use of other than Cerberus Pyrotechnics notification appliances, detectors and bases with Cerberus Pyrotechnics control equipment will be considered a misapplication of Cerberus Pyrotechnics equipment and as such void all warranties either expressed or implied with regard to loss, damage, liabilities and/or service problems.



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