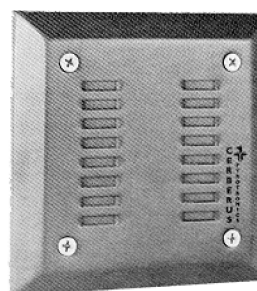


# MC 3-Tone Signaling Devices

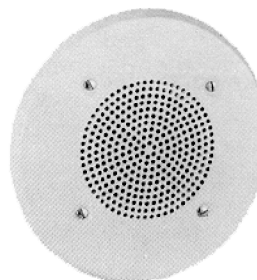
## F-Series Horn and Horn-Strobes

### ENGINEER AND ARCHITECT SPECIFICATIONS

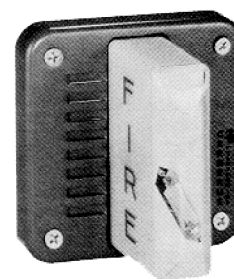
- Three Unique Sounds
- Low Operating Current
- High dB Output
- ADA/UL 1971 Horn-Strobe Versions
- Available in Flush, Surface, or Ceiling Mount
- Standard 4-inch Square Mounting
-  Listed
- ULC, FM, CSFM, NYMEA Pending



FLUSH



CEILING



SURFACE WITH STROBE

### Introduction

The Cerberus Pyrotronics F-Series of horns and horn-strobes combines high quality electronics with the rugged durability of a metal housing, providing the penetrating sound power of an electromechanical horn while eliminating the inrush and RFI noise problems associated with mechanical signals. 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

The three distinct sounds (HORN, SIREN, WARBLE) are filed selectable. The energy efficient horn design draws only 20 mA while supplying 100 dB at 10 feet. Screw Terminals are provided for both the horn and strobe and can be configured to operate together or independently. Units are available for flush, surface, or ceiling installation.

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 with various mounting configurations. The strobe lens has a bottom material made of white Lexan with 5/8" red "FIRE" letters. 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 are 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.

## Horns

| Model No. | Mounting | 24 VDC Ratings |               |       |
|-----------|----------|----------------|---------------|-------|
|           |          | Volts          | Typ. dB** 10' | AMP   |
| MC-F      | Flush    | 24 VDC         | 100           | 20 mA |
| MC-S      | Surface  | 24 VDC         | 100           | 20 mA |
| MC-C      | Ceiling  | 24 VDC         | 100           | 20 mA |

## Horn-Strobes

| Model No. | Mounting | Nominal Horn Ratings |               |       | Nominal Strobe Current Ratings (mA) |               |     |     |
|-----------|----------|----------------------|---------------|-------|-------------------------------------|---------------|-----|-----|
|           |          | Volts                | Typ. dB** 10' | AMP   | 15                                  | 17<br>(15/75) | 75  | 110 |
| MC-S( )-F | Flush    | 24 VDC               | 100           | 20 mA | 80                                  | 80            | 175 | 245 |
| MC-S( )-S | Surface  | 24 VDC               | 100           | 20 mA | 80                                  | 80            | 175 | 245 |
| MC-S( )-C | Ceiling* | 24 VDC               | 100           | 20 mA | 80                                  | 80            | NA  | NA  |

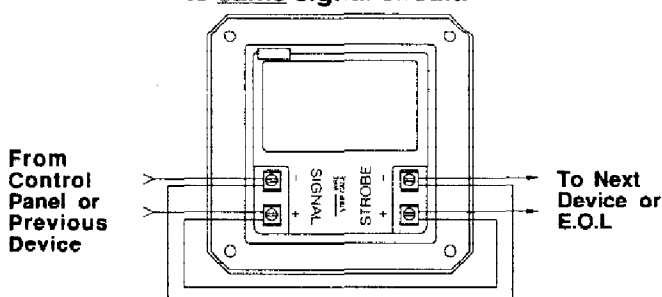
\* Only 15 & 17 units available in ceiling mount.

\*\* Minimum UL measurements are 75 dB @ 12 VDC & 85 dB @ 24 VDC taken in a reverberant room

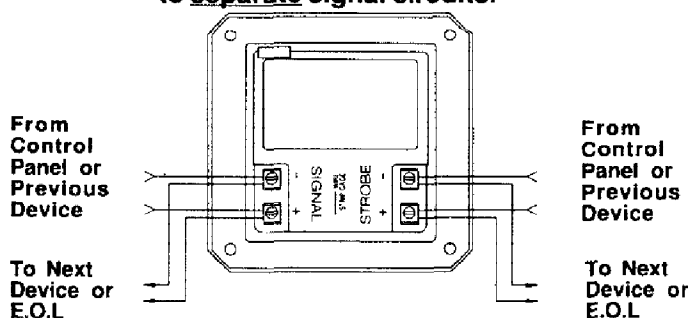
Note: ( ) represents strobe model, e.g., 15, 17, 75 or 110.

## Wiring Diagram

When strobe and electronic signal are connected to same signal circuit.



When strobe and electronic signal are connected to separate signal circuits.



## Accessories

| Model No. | Description                                                                |
|-----------|----------------------------------------------------------------------------|
| FIB       | Indoor Surface Box, Red                                                    |
| FDBB      | 2.7"D Surface Box for Flush Horn/Strobe, Red                               |
| FBDM      | Pendent Wall / Ceiling Housing for Bi-Directional Flush Horn / Strobe, Red |
| FSFP      | Semi-Flush Plate, Red                                                      |
| FCCP      | Concealed Conduit Plate, Red                                               |

**NOTICE:** The use of other than Cerberus Pyrotechnics 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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