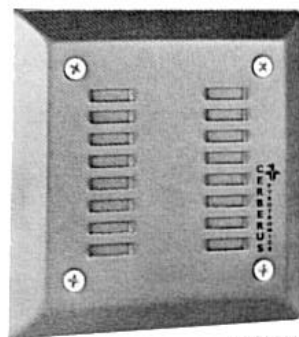


EC, EH & EW Single Tone Horns

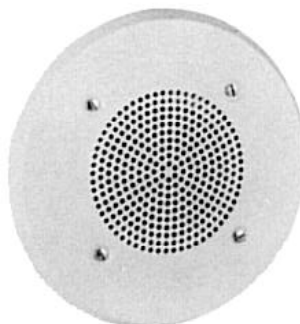
Electronic Horn and Horn-Strobes

ENGINEER AND ARCHITECT SPECIFICATIONS

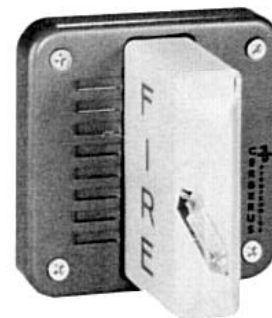
- Three Models to Choose from: Horn, Chime, or Slow-Whoop
- Low Operating Current
- ADA/UL 1971 Horn-Strobe Versions
- High dB Output
- Available in Flush, Surface, or Ceiling Mount
- Standard 4 inch Square Mounting
-  Listed, NYMEA Approved



FLUSH



CEILING



SURFACE WITH STROBE

Introduction

Cerberus Pyrotronics single-tone horns provide an economical solution to horn and horn-strobe needs with dedicated tone units designed for high output and efficiency. 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

Rugged metal construction and modern electronics provide dedicated, single-tone horns in flush, surface, or ceiling mounting configurations. This unit draws as low as 20 mA due to its energy efficient design. Terminal screws are provided for horn and strobe.

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.

Single Tone Horns (@ 24 VDC)

Model No.	Mounting	Chime (C)			Horn (H)			Slow-Whoop (W)		
		Typical dB @ 10	Minimal UL dB Rating	mA	Typical dB @ 10	Minimal UL dB Rating	mA	Typical dB @ 10	Minimal UL dB Rating	mA
E()-F	Flush	92	75	20	100	85	20	103	85	150
E()-S	Surface	92	75	20	100	85	20	103	85	150
E()-C	Ceiling	92	75	20	100	85	20	103	85	150

Note: () represents tone, e.g., C=Chime H=Horn W=Slow Whoop

Single Tone Horn-Strobes (@ 24 VDC)

Model No.	Mounting	Tone	Typical dB @ 10	Minimal UL dB Rating	mA	Nominal Strobe Current Ratings (mA)			
						15	17(15/75)	75	110
EC-S()-F	Flush	Chime	92	75	20	80	80	175	245
EC-S()-S	Surface	Chime	92	75	20	80	80	175	245
EC-S()-C	Ceiling	Chime	92	75	20	80	80	NA	NA
EH-S()-F	Flush	Horn	100	85	20	80	80	175	245
EH-S()-S	Surface	Horn	100	85	20	80	80	175	245
EH-S()-C	Ceiling	Horn	100	85	20	80	80	NA	NA
EW-S()-F	Flush	Slow Whoop	103	85	150	80	80	175	245
EW-S()-S	Surface	Slow Whoop	103	85	150	80	80	175	245
EW-S()-C	Ceiling	Slow Whoop	103	85	150	80	80	NA	NA

* Minimal UL dB measurements are taken in a reverberant room environmental ratings 0-49°C (32-120°F) 85% humidity.

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

Wiring Diagram

Accessories

Model No.	Description
FBX-S	Surface Box, Red
FBX-SF	Deep Surface Box for Flush Grill Signals, Red
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 signals, 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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