


SH High-Output Speakers

Speakers and Speaker-Strobes

ENGINEER AND ARCHITECT SPECIFICATIONS

- Standard 4-inch Square Mounting with Extension Ring, Deep Surface Box also Available
- Available in 25 or 70 VAC Versions
- ADA/UL 1971 Horn-Strobe Versions
- Flush, Surface, or Ceiling Mount
- Flush & Surface Unit Available in red or Off-White
- Selectable Wattage Taps
-  Listed, NYMEA Approved



SURFACE



FLUSH WITH 15/75 STROBE



CEILING WITH STROBE



FER EXTENSION RING

Introduction

The Cerberus Pyrotronics SH high-output speakers and speaker-strobes are designed to meet the rigid demands of fire protection and life safety applications. When ordered with strobes, 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 Cerberus Pyrotronics SH high-output provides exceptional sound clarity and mounts in a standard 4-inch square box (FIB) with an FER extension ring, or an FBX-SF deep surface box and is available in flush, surface, or ceiling mount versions. Both 25 and 70 volt models have taps for .33, .66, 1.25, and 2.5 watts and a blocking capacitor for DC supervision. Standard wall models are red, ceiling units are white.

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.

Speaker

| Model No. | Mounting | Volts | ANECHOIC Chamber dBA (UL dBA per 1480) | | | |
|-----------|----------|-------|--|---------|---------|----------|
| | | | .33 W | .66 W | 1.25 W | 2.5 W |
| SH25-F | Flush | 25 | 91 (78) | 94 (81) | 97 (84) | 100 (87) |
| SH25-S | Surface | 25 | 91 (78) | 94 (81) | 97 (84) | 100 (87) |
| SH25-C | Ceiling | 25 | 91 (78) | 94 (81) | 97 (84) | 100 (87) |
| SH70-F | Flush | 70 | 91 (78) | 94 (81) | 97 (84) | 100 (87) |
| SH70-S | Surface | 70 | 91 (78) | 94 (81) | 97 (84) | 100 (87) |
| SH70-C | Ceiling | 70 | 91 (78) | 94 (81) | 97 (84) | 100 (87) |

Speaker with 24 VDC Strobes

| Model No. | Mounting | Volts | ANECHOIC Chamber dBA (UL dBA per 1480) | | | | Nominal Strobe Current Ratings(mA) @ 24 VDC Watt Taps | | | |
|-------------|----------|-------|--|---------|---------|----------|--|---------------|-----|-----|
| | | | .33 W | .66 W | 1.25 W | 2.5 W | 15 | 17 (15/75) | 75 | 110 |
| SH25-S()-F | Flush | 25 | 91 (78) | 94 (81) | 97 (84) | 100 (87) | 80 | 80 | 175 | 245 |
| SH25-S()-S | Surface | 25 | 91 (78) | 94 (81) | 97 (84) | 100 (87) | 80 | 80 | 175 | 245 |
| SH25-S()-C | Ceiling | 25 | 91 (78) | 94 (81) | 97 (84) | 100 (87) | 80 | 80 | NA | NA |
| SH70-S()-F | Flush | 70 | 91 (78) | 94 (81) | 97 (84) | 100 (87) | 80 | 80 | 175 | 245 |
| SH70-S()-S | Surface | 70 | 91 (78) | 94 (81) | 97 (84) | 100 (87) | 80 | 80 | 175 | 245 |
| SH70-S()-C | Ceiling | 70 | 91 (78) | 94 (81) | 97 (84) | 100 (87) | 80 | 80 | NA | NA |

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

Accessories

| Model No. | Description |
|-----------|---|
| FBX-SF | Deep Surface Box for Flush Grill Signals, Red |
| FBX-F | 2.7 Inch Deep Flush Back Box |
| FER | 4 Inch Square Extension Ring, Red |
| FIB | Surface Box, Red |
| FCCP | Concealed Conduit Plate, Red |

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

Note: When ordering in off-white, add the letter "W" to the end of the model number. (e.g. SH25-F is SH25-FW in White)



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