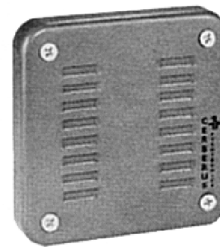


MTL 8-Tone Signaling Devices

F-Series Horn and Horn-Strobes

ENGINEER AND ARCHITECT SPECIFICATIONS

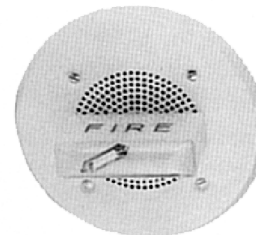
- Eight Unique Sounds
- Low Operating Current
- High dB Output
- ADA/UL 1971 Horn-Strobe Versions
- Available in Flush, Surface, or Ceiling Mount
- Standard 4 inch Square Mounting*
-  Listed
- ULC, FM, CSFM, NYMEA Pending



SURFACE



FLUSH WITH 15/75 STROBE



CEILING 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 eight distinct sounds (HORN, TEMPORAL, BELL, HI-LO, CHIME, SIREN, SLOW WHOOP, SINGLE STROKE BELL) are field selectable. The energy efficient horn design draws only 16 to 40 mA while supplying up to 101 dB at 10 feet, depending on tone selected. 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 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.

* Although a standard 1½" deep box will suffice, a deeper box allows more room for wires and easier installation.

Electronic 8-Tone Horn

Model No.	Mounting	Tone Currents (mA @ 24 VDC)		UL dB Rating at 24 VDC***
		Bell	16	
MTL-F	Flush	Horn	22	75
		Siren	40	82
		Chime	20	82
MTL-S	Surface	Hi - Lo	16	75
		S.S. Bell	20	75
		Temporal	32	75
MTL-C	Ceiling	Slow Whoop	40	82

Electronic 8-Tone Horn-Strobes

Model No.	Mounting	Nominal Strobe Current Ratings (mA)				Tone Currents (mA @ 24 VDC)		UL dB Rating at 24VDC***
		15	17 (15/75)	75	110	Bell	16	
MTL-S()-F	Flush	80	80	175	245	Horn	22	75
						Siren	40	82
						Chime	20	82
MTL-S()-S	Surface	80	80	175	245	Hi - Lo	16	75
						S.S. Bell	20	75
						Temporal	32	75
MTL-S()-C	Ceiling**	80	80	NA	NA	Slow Whoop	40	82

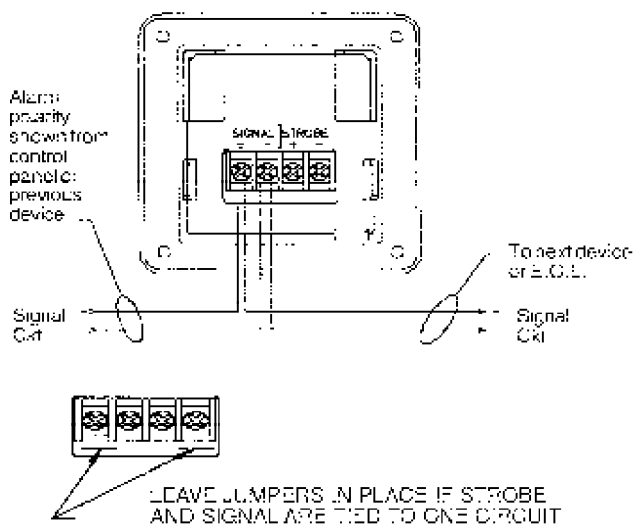
** Only 15 & 17 units available in ceiling mount.

*** Typical dB @ 10 Feet is 88 to 101 depending on tone chosen.

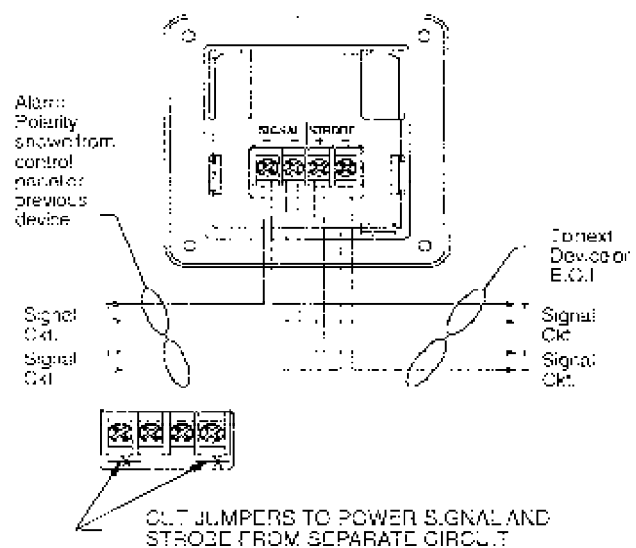
Note: () represents strobe model, e.g., 15, 17, 75 or 110.

Wiring Diagram

WHEN STROBE AND ELECTRONIC
SIGNAL ARE CONNECTED TO SAME
CIRCUITS



WIRING DIAGRAM WHEN STROBE AND
ELECTRONIC SIGNAL ARE CONNECTED
TO SEPARATE CIRCUITS



Accessories

Model No.	Description
FBX-S	F-Series Box, Red
FBX-SF	F-Series Deep Surface Box for Flush Grill Signals, Red
FIB	4-inch Square Surface Backbox, Red
FDBB	2.7-inch Surface Horn & Speaker Backbox (used with Flush Units), Red
FBDM	Pendent Wall / Ceiling Housing for Bi-Directional Mount (used with Flush Units), 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.



Cerberus Pyrotechnics
8 Ridgedale Avenue
Cedar Knolls, NJ 07927
Tel: (201) 267-1300
FAX: (201) 397-7008

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5M
CPY-IG
Printed in U.S.A.

Cerberus Pyrotechnics
50 East Pearce Street
Richmond Hill, Ontario
L4B, 1B7 CN
Tel: (905) 764-8384
FAX: (905) 731-9182

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