

MMT Multi-Tone Horns

8-Tone Horns and Horn-Strobes

ENGINEER AND ARCHITECT SPECIFICATIONS

- Eight Unique Sounds
- Single, Two-Gang, 4 Square, or Surface Back Box Mounting
- Available with Either Standard and Synchronous Strobes
- Screw Terminals Accept up to #12 AWG
- Available in Red or Off-White Color
-  Listed



Universal Mounting



Single Gang Mounting



Universal Mounting w/Strobe

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 MMT 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 MMT offers eight distinct sounds (HORN, TEMPORAL, BELL, HI-LO, CHIME, SIREN, SLOW WHOOP, AND SINGLE STROKE BELL) which are field selectable. These energy efficient horns produce up to 97 dB at 10 feet while

drawing only 20 to 40 mA at 24 VDC, depending on tone selected. Tones are selected by dip switches on the back of horn.

All strobe versions utilize a Xenon flashtube with solid state circuitry for maximum reliability and efficiency. Conventional strobes are available in 15, 15/75, 75 and 110 Candela ratings; synchronous models are available in 15, 15/75 and 75 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. The S110 is not available on synchronous models.

8-Tone Multi-Tone Horn & Horn-Strobes @ 24 VDC

Model No.	Mounting	Horn Rating (mA)			Nominal Strobe Current Ratings (mA)			
		Tone	Typical dB @ 10'	UL dB Rating	15 (15cd)	17(15/75cd)	75 (75cd)	110 (110cd)
MMT-1G	1 Gang	Horn	97	87	NA	NA	NA	NA
MMT-U	Universal (1, 2 Gang or 4SQ)	Temporal	97	82.8	NA	NA	NA	NA
		Bell	91	83.6				
		Hi-Lo	96	84.8				
MMT-S()-U	Universal (1, 2 Gang or 4SQ)	Chime	93	83.6	80	80	175	245
		Siren	95	84.6				
		Slow Whoop	96	83.5				
MMT-S()S-U	1 Gang	S.S. bell	93	83.4	144	144	328	NA

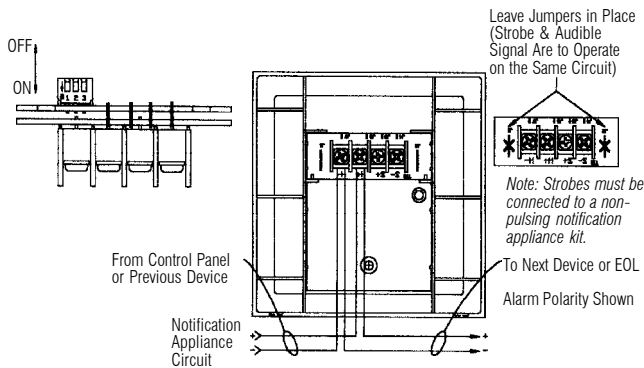
NOTE: () Represents strobe model; 15, 17, 75 or 110.

Typical Wiring

NOTE: Units to be only installed in accordance with the National Electrical Code and local electrical codes

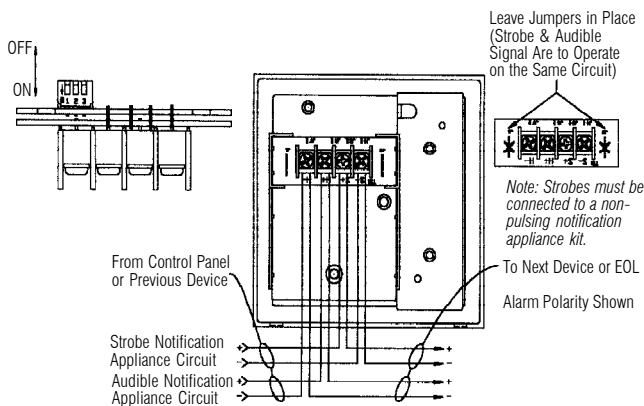
Do Not Loop Wire. Cut Wire Run to Provide Electrical Supervision
Terminals are designed to accept no larger than 12 ga. wire.

Wiring Diagram When MMT-()-U Electronic Audible Signal with Strobe Signal is Connected to One Notification Appliance Circuits



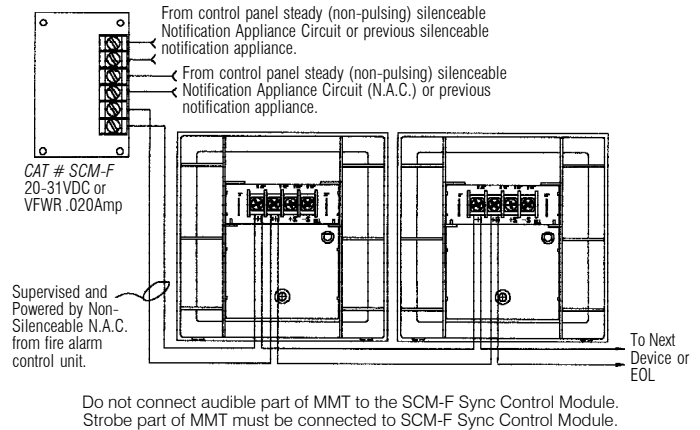
NOTE: When audible signal and strobe are connected to same notification appliance circuit, current rating is combination of audible signal and strobe current.

Wiring Diagram When MMT-()-U Electronic Audible Signal with Strobe Signal is Connected to Two Separate Notification Appliance Circuits

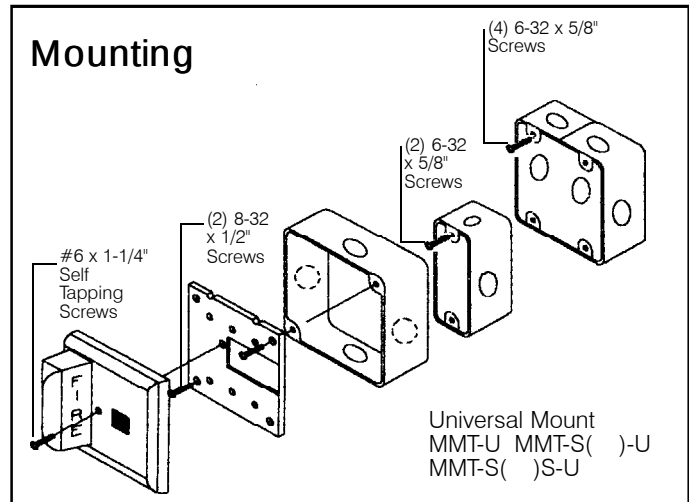


NOTICE: The use of other than Cerberus Pyrotechnics notification appliances, detectors and bases with Cerberus Pyrotechnics control equipment will be considered a misapplication of Cerberus Pyrotechnics equipment and as such void all warranties either expressed or implied with regard to loss, damage,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

Wiring Diagram For Strobe and Electronic Audible Signal Connected to Two Separate Notification Appliance Circuits



Mounting



Accessories

Model No.	Description
FIB	Indoor Box, Red, 4" SQ Large
FBX-SF	Surface Box, Red for Universal Mount Models
SCM-F	Synchronous Control Module for Sync Strobes

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



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