

MT4-115 Multi-Tone Horn & Horn Strobe Series



Description

The MT4-115 Series offers reliable, high-performance audible and visual signaling for fire alarm and emergency communication systems. UL Listed under Standard 464 for Fire Protective Signaling Service and Standard 1638 for visual signaling, and ULC Listed under ULC525 and ULC526, these appliances meet stringent safety standards for both U.S. and Canadian applications.

Designed for wall-mounted installation, the MT4-115 is suitable for indoor and outdoor use when paired with specified backboxes (see Mounting Options). Each unit features eight field-selectable alarm tones and configurable sound output levels—HIGH (HI) or STANDARD (STD) dBA—to accommodate a range of environments. The integrated 15 candela LED strobe meets NFPA 2016 light pulse duration requirements, ensuring effective visual alerting.

With separate terminals for audible and strobe functions and included shunt wires for simultaneous activation, the MT4-115 Series delivers flexible, code-compliant performance for commercial, industrial, and institutional applications.

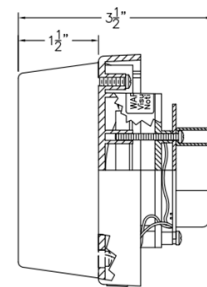
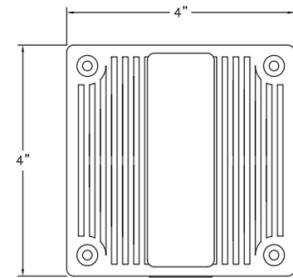


Figure 1. MT4



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Features

Multi-Tone Audible Signaling

Offers eight selectable alarm tones, providing flexibility for various notification needs across different environments.

Dual Sound Output Levels

Field-configurable to HIGH (HI) dBA or STANDARD (STD) dBA, allowing customization based on ambient noise levels and application requirements.

Integrated LED Strobe

Equipped with a 15 candela (cd) LED strobe, meeting NFPA 2016 requirements for a 20 ms light pulse duration—ensuring effective visual alerting in fire alarm systems.

UL & ULC Listed for Safety Compliance

Certified under UL 464 (Audible) and UL 1638 (Visual), as well as ULC525 and ULC526 for fire alarm systems in Canada—ensuring trusted performance and regulatory compliance.

Indoor/Outdoor Wall Mount Design

Designed for wall mounting only, suitable for both indoor and outdoor use when installed with specified backboxes—ideal for versatile deployment scenarios.

Independent or Combined Activation

Features separate input terminals for audible and strobe functions, with shunt wires included for simultaneous operation via a single input circuit—simplifying installation and wiring.

No additional trimplate required for flush mounting

Note: Please read these specifications and associated installation instructions, before using, specifying, or installing this product. Visit Eaton.com/lifesafetynotification for current installation instructions.

General Notes

- Strobes are designed to flash at 1 flash per second minimum over their “Regulated Voltage Range.” Note that NFPA-72 specifies a flash rate of 1 to 2 flashes per second.
- Indoor/Outdoor Use. -40° C to 66° C (-40° F to 150° F) 95% R.H.

Table 1. Alarm Tones

Tones	Alarm Tones Pattern Description
Horn	Broadband Horn (Continuous)
Bell	1560 Hz Modulated (0.07 Sec. ON/Repeat)
March Time Horn	Horn (0.25 Sec. ON/0.25 Sec. OFF/Repeat)
Code 3 Horn	Horn (ANSI S3.41 Temporal Pattern)
Code 3 Tone	500 Hz (ANSI S3.41 Temporal Pattern)
Slow Whoop	500-1200Hz Sweep (4 sec ON/0.5 sec OFF/Repeat)
Siren	600-1200Hz Sweep (1.0 Sec. ON/Repeat)
HI/LO	1000/800 Hz (0.25 Sec. ON/Alternate)

Table 2. dBA and Current Ratings for Multi-Tone (Audible Only)

Tone	Maximum RMS Current (AMPS)		Reverberant dBA at 10 Ft Per UL464/ULC525	
	HI	STD	HI	STD
Horn	0.050	0.045	89	86
Bell	0.045	0.045	80	74
March Time Horn	0.050	0.045	86	83
Code-3 Horn	0.050	0.045	85	82
Code-3 Tone	0.045	0.045	84	81
Slow Whoop	0.050	0.045	87	84
Siren	0.045	0.045	87	84
HI/LO	0.045	0.045	84	80

Table 3. Specifications and ordering information

Model	Input Voltage	Strobe Candela	Color	Lettering	Lens
MT4-115-WH-VFR	120	15	Red	FIRE	White
MT4-115-WH-VNS	120	15	Grey	n/a	White
MT4-115-S	120	n/a	Grey	n/a	n/a
MT4-115-R	120	n/a	Red	n/a	n/a

The notification appliance shall be a Wheelock Series MT audible/visual appliance or equivalent. Notification appliance shall be electronic and use solid state components. Electromechanical alternatives are not approved. Each electronic appliance shall provide eight (8) field selectable alarm tones. The tones shall consist of: HORN, BELL, MARCH TIME HORN, CODE-3 HORN, CODE-3 TONE, SLOW WHOOP, SIREN and HI/LO. Tone selection shall be by dip switch. The Multitone Audible appliance shall be UL Listed under Standard 464 for Audible Signal Appliances. The audible and the strobe shall be able to operate from a single NAC circuit while producing any of these tones. The appliance shall provide two output sound levels: STANDARD and HIGH dBA. The HIGH dBA setting shall provide a typical 5 dBA increase in sound output at nominal voltage. The HIGH anechoic dBA at 10 feet on the alarm HORN SETTING shall be 99 dBA minimum. Operating voltages shall be either 120v AC. All models shall have provisions for standard reverse polarity type supervision and IN/OUT field wiring using terminals that accept #12 to #18 AWG wiring.

Combination audible/visual appliances shall incorporate LED light source enclosed in a rugged plastic lens or equivalent with solid state circuitry. Strobe shall produce a flash rate of one (1) flash per second minimum over the voltage range.

The strobes shall not drift out of synchronization at any time during operation. If the module fails to operate (i.e., contacts remain closed), the strobes shall revert to a non-synchronized default flash rate. Strobe activation shall be via independent input or from the same input circuit as the audible.

The combination audible/visual appliances shall be installed indoors and may be surface or flush mounted. They shall mount to standard electrical hardware requiring no additional trim plate or adapter. The aesthetic appearance shall not have any mounting holes or screw heads visible when the installation is completed. The appliance shall be finished in a textured red or gray color.

The Series MT4 appliances may be installed indoor or outdoor with the proper back box.

UL, ULC, CSFM, FM, FCC

Note: Due to continuous development of our products, specifications and offerings are subject to change without notice in accordance with Cooper Wheelock Inc., dba Eaton standard terms and conditions.



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