

Wheelock Exceder LED3

# Life safety notification

Meeting the latest codes with increased energy-efficiency in a compact design



**EATON**

*Powering Business Worldwide*



# Wheelock Exceder LED3

Compliant, compatible, compact, and energy efficient



## Industry's first conventional LED notification appliances to meet the latest NFPA 72 codes in a compact, low profile design

Eaton is the industry's foremost developer in advanced technological solutions for fire, life safety and mass notification. For nearly a century, its Wheelock products have stood for innovation, service and expertise. Wheelock products offer industry-first, patented technology for the largest range of audible and visual notification appliances.

The Wheelock Exceder LED3 strobes meet the 20 millisecond light pulse duration requirements of NFPA 72 2016. By meeting this requirement, the Exceder LED3 line has been listed by UL to allow mixing of Wheelock xenon devices in the same field of view. With the Exceder LED3 line, Eaton now offers a full range of low and high candela appliances with its other product lines, ideal for both retrofits and new construction.

The Wheelock Exceder LED3 product line has also been UL/ULC listed as compatible with all fire alarm control panels and accessories that have been determined to be compatible with Wheelock RSS strobe-based products.

With its high-efficiency LEDs, the Exceder LED3 notification appliances feature the industry's lowest current draw, which reduces overall power consumption, allowing for a greater number of appliances on the NAC and fewer power supplies, resulting in material and system cost savings. In addition, in one of the world's most compact designs, building owners will benefit from the Exceder LED3 line's aesthetically pleasing design that doesn't detract from building décor.



# Exceder LED Horn Strobes, Strobes & Horns



Lowest ratio of size-to-current consumption, highest ratio of light output to current draw



Wheelock Exceder LED3 horn strobes, strobes and horns feature one of the industry's smallest footprints with a sleek, modern low-profile design that will please building owners with reduced total cost of ownership. Installers will benefit from its comprehensive feature list, including lowest current draw, wide range of candela settings, single-gang design, no tools needed for setting changes and convenient mounting options. These products are suitable for indoor wall or ceiling-mount applications and are for 24V operation. The horn model (LHN3) is suitable for 12V applications.

#### Compliance & Approvals

- NFPA 72 2016 (meets maximum light pulse duration of 20 ms)
- UL Standards 1971 and 464
- ULC-S525 and ULC-S526
- California State Fire Marshal (CSFM)
- ADA/NFPA/ANSI/OSHA

#### Energy efficient & environmentally friendly

- Patented LED technology provides lowest current draw in the industry
- Fewer power supplies required, smaller wire gauge, reduced wire runs

#### Compatibility

- Meets stringent synchronizing standards for strobes with Wheelock's DSM Sync Modules, PS Power Supplies or SAFEPATH products
- UL/ULC listed as compatible with all Fire Alarm Control Panels (FACP) and accessories that have been determined to be compatible with Wheelock RSS strobe-based products

- Ability to mix LED and xenon strobes in the same field of view

#### Low profile design

- One of the smallest, most compact designs in the world
- Sleek, modern aesthetics
- No visible mounting screws
- Wall-mount and ceiling-mount models

#### Multiple audible settings

- 90 & 95 dB
- Select temporal or steady horn output

#### Field selectable candela settings

- Wall: 15/30/75/110 cd
- Ceiling: 15/30/75/95 cd

#### Easy to install

- Convenient mounting to Exceder LSBB backboxes, any single-gang backbox and to 4" square with adapter kit for wall models and LSPKBB-C backboxes, 4" square, 1-1/2 or 2-1/8" and Octagonal, 1-1/2" or 2-1/8" deep for ceiling models
- Finger slide switches—no tools needed for setting changes
- In/out screw terminals for faster installations
- #12 and #18 AWG terminals

# Exceder LED Speaker Strobes & Speakers



With the widest frequency response range available, our speakers provide crisp, clear voice messages



Clear, concise and intelligible voice messages that communicate how people should respond in an emergency are critical for life safety. At Eaton, we understand that you need a solution that not only meets your customer's intelligibility and reliability requirements but also provides overall system cost savings.

Designed for high fidelity sound output, Wheelock's Exceder LED Speaker Strobes not only feature the widest frequency response range in the industry, but are the first to utilize LED as the light source. With a response range of 300 to 8000 Hz, the LSPK and LSPST3 models provide leading intelligibility with crisp, clear voice messages, ideal for emergency communications, mass notification, and voice evacuation.

The patented LED technology delivers the industry's lowest current draw. This breakthrough optical design results in best-in-class efficiency that enables material and system cost savings.

The Exceder LED3 speaker strobes and speakers feature one of the industry's smallest footprints and a sleek, modern, low-profile design that will please building owners. It includes five field-selectable tap settings (1/8 to 2 watts), four field selectable candela settings (LSPST3 models) and convenient wall- and ceiling-mounting options for both new and retrofit construction. Amber lens speaker strobes and special lettering are available.

*"Intelligible. Capable of being understood; comprehensible; clear."*

*"The wider frequency response allows speakers to reproduce frequencies closer to the original sound, improving the clarity and comprehension of the intended message."*

National Fire Protection Association  
NFPA 72 2013





#### High fidelity sound output

- Efficient design for high intelligibility at minimum wattage
- Frequency range: 300 to 8000 HZ—widest range in the industry

#### Energy efficient

- Patented LED technology provides industry's lowest current draw
- Fewer power supplies required, smaller wire gauge, reduced wire runs

#### Low-profile design

- One of the smallest footprints with sleek, modern aesthetics

#### Field selectable settings

- 1/8 watt up to 2 watts
- 25 or 70 VRMS operation
- Wall: 15/30/75/110 cd
- Ceiling: 15/30/75/95 cd

#### Amber lens & special lettering available

#### Easy to install

- Finger slide switches—no tools needed for setting changes
- Built-in adjustment feature and snap-on grille
- IN/OUT screw terminals using #12 to #18 AWG wires
- Mounting options include Exceder LSPKBB backboxes and 4" square backboxes for wall-mount models and LSPKBB-C backboxes and 4" square, 2-1/8" deep for ceiling-mount models

#### Compatibility

- UL/ULC listed as compatible with all Fire Alarm Control Panels (FACP) and accessories that have been determined to be compatible with Wheelock RSS strobe-based products

#### Approvals and compliance

- UL 1971 (Clear Lens), UL 1971 Light Distribution (Amber lens), UL 1638 (Amber Lens), UL 1480, ULC-S526 and ULC-S541, CSFM,
- ADA/NFPA/ANSI/OSHA



# LED Amber Lens Strobes



Introducing Wheelock Exceder LED3 MNS strobes in one of the smallest, most compact designs—ideal for mass notification and emergency communications



## Energy efficient

- Patented LED technology provides industry's lowest current draw
- Fewer power supplies required, smaller wire gauge, reduced wire runs

## Low-profile design

- One of the smallest, most compact designs
- Sleek, modern aesthetics
- No visible mounting screws
- Wall and ceiling-mount applications; Red and white models available

## Field selectable candela settings

- Wall: Select 15, 30, 75, 110 cd
- Ceiling: Select 15, 30, 75, 95 cd

## Special lettering available

## Easy to install

- Convenient mounting to Exceder LSBB backboxes, any single-gang backbox and to 4" square with adapter kit for wall models and LSPKBB-C backboxes, 4" square, 1-1/2" or 2-1/8" and Octagonal, 1-1/2" or 2-1/8" deep for ceiling models
- Finger slide switches—no tools needed for setting changes
- In/out screw terminals for faster installations
- #12 and #18 AWG terminals

## Compatibility

- UL/ULC listed as compatible with all Fire Alarm Control Panels (FACP) and accessories that have been determined to be compatible with Wheelock RSS strobe-based products

## Approvals and compliance

- UL 1971 (clear); UL 1638 (amber) conforms to UL 1971 light distribution pattern; CSFM; ADA/NFPA/ANSI/OSHA

# LED Low Frequency Sounder Strobes & Sounders



## First in the industry to meet NFPA's fire alarm and Carbon Monoxide latest code requirements for sleeping areas.

With the Exceder LED3 low frequency sounder line, organizations can now meet both sleeping room codes – NFPA 72 and NFPA 720 - with one device, which features two different sound patterns, T3 for fire detection and T4 for CO. The low frequency sounders can replace a facility's existing appliances, utilizing the same single pair of wires that are currently installed, offering a simple retrofit to meet new codes for sleeping rooms.



### Meets 520 Hz sounder codes for sleeping areas

- NFPA 72 for fire alarm signaling
- NFPA 720 for CO alarm signaling

### 4 Settings in 1 device

- T3 (fire)
- T4 (CO)
- Continuous (coded)
- T3/T4

### Energy efficient

- Patented LED technology provides industry's lowest current draw

### Low-profile design

- Smallest footprint with sleek, modern aesthetics

### 110 and 177 candela models available

### Special lettering available

### Easy to install

- Convenient mounting: Trim plate for single-gang backbox included in all LFHNK3/LFHSK3 models; Exceder LSPKBB backboxes and 4" square backboxes
- Finger slide switches—no tools needed for setting changes
- In/out screw terminals for faster installations
- #12 and #18 AWG terminals

### Strobe synchronization components

- Meet synchronizing standards with Wheelock's DSM Sync Modules or PS Power Supplies

### Approvals and compliance

- UL 1971, UL 464, ULC S525, ULC S526, CSFM
- ADA/NFPA/ANSI/OSHA



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