

Wheelock Exceder LED

Wheelock

Life safety innovation

Delivering energy-efficient &
intelligible notification solutions



EAT•N

Powering Business Worldwide

Introducing the Exceder LED Product Range

Industry's first LED notification appliances providing the industry's lowest current draw

Eaton's Cooper Notification business 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. We continue to deliver on our commitment to provide customers with innovative product solutions, exceptional value and outstanding service.

The Wheelock Exceder™ range expands to include the industry's first LED notification appliances with one of the smallest, most compact designs in the world. Eaton's LED technology provides the industry's lowest current draw, allowing for a greater number of appliances on the NAC and fewer power supplies. Ideal for Green Buildings, it incorporates a breakthrough optical design, resulting in best-in-class efficiency that provides material and system cost savings.



Exceder LED Horn Strobes, Strobes & Horns



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



Wheelock Exceder LED 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-mount or ceiling applications and are for 24V operation. The horn model (LHN) is suitable for 12V applications.

To meet synchronization standards for strobes, Exceder LED Notification appliances should be used in conjunction with the Wheelock DSM Sync Modules, Wheelock Power Supplies, the SAFEPATH family of products or other manufacturers' panels incorporating the Wheelock Patented Sync Protocol.

Energy efficient & environmentally friendly

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

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

Strobe synchronization components

- Meets stringent synchronizing standards for strobes with Wheelock's DSM Sync Modules, PS-6/8 Power Supplies or SAFEPATH products

Approvals and compliance

- UL Standards 1971 and 464
- ULC-S525 and ULC-S526
- California State Fire Marshal (CSFM)
- ADA/NFPA/ANSI/OSHA

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 LSPST 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 LED 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 (LSPST models) and convenient wall- and ceiling-mounting options for both new and retrofit construction. Amber lens speaker strobes (wall models) 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

Strobe synchronization components

- Meet synchronizing standards with Wheelock's DSM Sync Modules, PS-6/8 Power Supplies or SAFEPATH 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
- ADA/NFPA/ANSI/OSHA
- CSFM

LED Amber Lens Strobes



Introducing Wheelock Exceder LED MNS strobes in one of the smallest, most compact single-gang designs in the world—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 single-gang designs
- Sleek, modern aesthetics
- No visible mounting screws
- Wall-mount models

Field selectable candela settings

- Select 15, 30, 75, 110 cd

Special lettering available

Easy to install

- Convenient mounting to Exceder LSBB backboxes, any single-gang backbox and to 4" square with adapter kit
- 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, PS-6/8 Power Supplies or SAFEPATH products

Approvals and compliance

- UL 1638, Light output meets UL 1971, ULC-S526
- ADA/NFPA/ANSI/OSHA
- CSFM

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 LED 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 Candela setting

Special lettering available

Easy to install

- Convenient mounting to 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-6/8 Power Supplies

Approvals and compliance

- UL 2034, UL 2075, UL 1971, UL 464, ULC S525, ULC S526
- ADA/NFPA/ANSI/OSHA
- CSFM





Powering Business Worldwide

Eaton

1000 Eaton Boulevard
Cleveland, OH 44122
United States
Eaton.com

Cooper Notification
273 Branchport Ave.
Long Branch, NJ 07740
CooperNotification.com

© 2014 Eaton
All Rights Reserved
Printed in USA
Publication No. BR001001EN
June 2014

Eaton is a registered trademark.

All other trademarks are property
of their respective owners.