



Life Safety Innovation

Delivering energy-efficient & intelligible notification solutions

Cooper Notification

Life Safety is our Business



Lowest ratio of size to current consumption
Highest ratio of light output to current draw



Exceder LED Horn Strobes, Strobes & Horns

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 four convenient mounting options. These products are suitable for indoor wall-mount 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, 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 for 15 and 30 cd
- Fewer power supplies required, smaller wire gage, reduced wire runs
- Restriction of Hazardous Substances (RoHS)

Low Profile Design

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

Multiple Audible Settings

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

4 Field Selectable Candela Settings

- 15/30/75/110 cd

Easy to Install

- Convenient mounting to Exceder LSBB backboxes, any single-gang backbox and to 4" square and double gang 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

- 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

For nearly a century, Cooper Notification's Wheelock name has stood for innovation, service and expertise. Cooper Notification is the industry's foremost developer in advanced technological solutions for Fire, Life Safety and Mass Notification. Wheelock is a trusted brand with proven experience providing 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.

Introducing Wheelock's Exceder LED Series:

Horn Strobes, Strobes, & Horns; Speaker Strobes & Speakers; & Amber Lens Speaker Strobes & Strobes

The Wheelock Exceder™ Series expands to include the industry's first LED notification appliances with one of the smallest, most compact designs in the world. Cooper Notification'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.

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



Cooper Notification

We know Intelligibility.



“Intelligible. Capable of being understood; comprehensible; clear.”

National Fire Protection Association
NFPA 72 2013

Clear, concise and intelligible voice messages that communicate how people should respond in an emergency are critical for life safety. At Cooper Notification, 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 and Speakers not only feature the widest frequency response range in the industry, but also are the first to utilize LED as the light source.

Exceder LED Speaker Strobes & Speakers



With a response range of 300 to 8000 Hz, the Series LSPK and LSPST provides 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, allowing for energy savings of 52%. 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 (15, 30, 75, 110 cd) and convenient mounting options for both new and retrofit construction. Amber lens speaker strobes and special lettering are available.



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

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 gage, 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
- 15, 30, 75, 110 candela

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

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
- RoHS

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



LED Amber Lens Strobes



Ideal for Mass Notification and Emergency Communications

Introducing Wheelock Exceder LED MNS strobes in one of the smallest, most compact single gang designs in the world.

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 and double gang 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
- RoHS



Exceder LED Series Model Numbers



Model	Strobe Candela	Red	White
Horn Strobes			
LHSR	15/30/75/110	X	
LHSW	15/30/75/110		X
Strobes			
LSTR	15/30/75/110	X	
LSTW	15/30/75/110		X
LSTR-NA	15/30/75/110	X	
LSTW-NA	15/30/75/110		X
LSTR-ALA	15/30/75/110	X	
LSTW-ALA	15/30/75/110		X
Horns			
LHNR		X	
LHNW			X
Speaker Strobes			
LSPSTR	15/30/75/110	X	
LSPSTW	15/30/75/110		X
LSPSTW-AL	15/30/75/110		X
LSPSTR-AL	15/30/75/110	X	
LSPSTW-N	15/30/75/110		X
LSPSTR-N	15/30/75/110	X	
LSPSTR-NA	15/30/75/110	X	
LSPSTW-NA	15/30/75/110		X
LSPSTR-ALA	15/30/75/110	X	
LSPSTW-ALA	15/30/75/110		X
Speakers			
LSPKR		X	
LSPKW			X
LSPKR-N		X	
LSPKW-N			X
LSPKW-AL			X
LSPKR-AL		X	

Easy to remember model codes

4 candela settings in 1 device

Low-profile & sleek design

Horn Strobe, Strobe, and Horn Mounting Options:

- LSBB backboxes
- Single-gang backboxes
- 4" square and double gang with ESB-KIT adapter kit

Speaker Strobe and Speaker Mounting Options:

- LSPKBB backboxes
- 4" square backboxes

Model Legend

- LHN = Horn
- LST = Strobe
- LHS = Horn Strobe
- LSPST = Speaker Strobe
- LSPK = Speaker
- R = Red
- W = White
- N = No Lettering
- AL = Alert Lettering
- A = Amber Lens

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Cooper Notification is a unit of Cooper Safety, part of the electrical business of Eaton. Eaton acquired Cooper Industries plc in late 2012. Cooper Notification provides premier life safety and mass notification solutions worldwide through our local dedicated representatives.

www.coopernotification.com