

# ASWP Weatherproof Horn Strobes

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Invented for life



- ▶ 24 VDC, filtered or unfiltered
- ▶ Wall or ceiling mount models
- ▶ Selectable continuous horn or temporal (Code 3) tones each with three selectable volume settings
- ▶ Synchronize with SM and DSM modules
- ▶ Cost-efficient two-wire operation with low profile design

The Wheelock ASWP Weatherproof Horn Strobes consists of 24 V, square horn strobes for use with a WPBB-R Weatherproof Back Box in outdoor and extreme environment applications. The family includes wall and ceiling mount models. The strobe is listed as 75 cd on axis at -31°F (-35°C). Choose between continuous horn or temporal pattern (Code 3) tone when constant voltage from the fire alarm control panel (FACP) is applied. Each tone has three field-selectable volume levels.

Synchronize these horn strobes with the SM (single) or DSM (dual) modules or a compatible control panel. The audible response can be silenced while maintaining strobe activation, a requirement in some jurisdictions.



**Notice**

These products are **not** suitable for hearing-impaired applications.

### Certifications and approvals

Cooper Wheelock, Inc. holds these Listings and Approvals:

Region	Regulatory compliance/quality marks	
USA	UL	ULSZ: Audible Signal Appliances (UL464), UUKC: Signaling Appliances and Equipment for the Hearing Impaired (UL1971)
	CSFM	see www.boschsecurity.com (the Bosch website)

### Installation/configuration notes

**Compatible devices**

These devices are compatible with the SM-12/24-R and DSM-12/24R Cooper Wheelock synchronization module.

The FPA-1000 family, FDP-7024 family, and FPP-RNAC-8A-4C power supply have the Cooper Wheelock protocol built in.

**Mounting Considerations**

**Outdoor or Severe Environment Applications**

For an outdoor application or a severe environment (NEMA 3R) application, mount the horn strobe and a WPBB-R Weatherproof Back Box on a flat wall or ceiling so the entire rear surface of the back box is covered. The drain holes in the back box must point toward the ground. The knockouts on the rear surface of the back box must remain intact.

The knockout hole on top of the back box is sized for a half-inch conduit and matching connector. A watertight conduit fitting must be used. Mount these horn strobes on the indicated back box for the indicated applications:

	Conduit Applications	Surface Mounted	Flush Mounted
WPBB-R	•	•	

All models have an attractive cover plate for a clean, finished appearance.

**Wiring**

**i Notice**  
Do not use these units in coded or pulsed signaling circuits.

The input terminals accept wires with diameters between 18 AWG and 12 AWG (ISO 0.75 mm<sup>2</sup> and 4 mm<sup>2</sup>).

**Technical specifications**

**Electrical**

**Current (maximum RMS)**

High dBA	168 mA VDC; 235 mA FWR
Medium dBA	155 mA VDC; 225 mA FWR
Low dBA	150 mA VDC; 220 mA FWR

**Voltage Ranges**

24 V nominal:	16.0 to 33.0 VDC or FWR
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**Environmental**

Relative humidity:	Up to 95%, non-condensing
Temperature (operating) UL 1971:	+32°F to +120°F (0°C to +49°C)
UL 1638:	-40°F to +150°F (-40°C to +66°C)

**Mechanical**

Dimensions (H x W x D):	4-13/16 in. x 4-13/16 in. x 2-1/2 in. (12.2 cm x 12.2 cm x 6.4 cm)
Material:	Molded plastic enclosure incorporating a Xenon flashtube and Lexan lens.

Candela Ratings (on axis):	75 cd at -31°F (-35°C) 180 cd at +77°F (+25°C)
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**Sound Output Ratings (reverberant dBA at 10 ft [3 m]) at 24 VDC**

**Continuous Horn**

High Volume Setting:	91 dBA
Medium Volume Setting:	88 dBA
Low Volume Setting:	83 dBA

**Temporal (Code 3) Horn**

High Volume Setting:	87 dBA
Medium Volume Setting:	84 dBA
Low Volume Setting:	79 dBA

**Trademarks**

All hardware and software product names used in this document are likely to be registered trademarks and must be treated accordingly.

**Ordering information**

**ASWP-2475W-FR Wall horn/strobe, weatherproof 75cd, 24V**

Red, 24 V, wall-mount device for use with a WPBB-R Weatherproof Back Box in outdoor and extreme environment applications  
Order number **ASWP-2475W-FR**

**ASWP-2475C-FR Ceiling horn/strobe, weatherproof 75cd**

Red, 24 V, ceiling-mount device for use with a WPBB-R Weatherproof Back Box in outdoor and extreme environment applications  
Order number **ASWP-2475C-FR**

**Accessories**

**WPBB-R Weatherproof backbox, red**

Used to surface mount the ASWP Series Weatherproof Horn-strobes for outdoor or severe environment applications  
Order number **WPBB-R**

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