

WEATHERPROOF STROBES/AUDIBLE STROBES MT/RSS/AH/AS SERIES


Series RSSWP



Series ASWP



Series AHWP



Series MTWP

Features

- Approvals include: UL Standard 1971, California State Fire Marshal (CSFM) and New York City (MEA), Factory Mutual (FM) and Chicago (BFP)
- Designed to meet or exceed NFPA, UFC/ANSI 117.1/ OSHA Part 29, 1910.165, and ADA requirements
- UL Standard 1638 and UL Standard 464 listed with extended temperature range of -31° to 150°F (-35°C to 66°C)
- 24 VDC with new UL "Regulated" Voltage Range of 16-33 VDC using filtered DC or unfiltered FWR voltage
- Selectable dBA settings
- Selectable alert signals
- IN and OUT wiring termination that accepts two #12-18AWG wires at each terminal
- Inputs are polarized for compatibility with industry standard reverse polarity supervision

Description

The Weatherproof Strobe, Audible Strobe, Audible Horn and Multitone Strobe appliances have an extended temperature range of -31°F to 150°F (-35°C to 66°C) that will satisfy virtually all outdoor and severe environment applications. All strobes are Indoor/Outdoor UL Standard 1638 Listed and rated for 180 candela on axis @ 78°F (25°C) and 75 candela at -31°F (-35°C) with low current draw.

These Weatherproof Appliances are designed for maximum performance, reliability, and cost effectiveness while meeting or exceeding the latest requirements of NFPA 72 (National Fire Alarm Code), UL Standard 1638 (Standard for Visual Signaling Appliances), and UL Standard 464 (Standard for Audible Signaling Appliances).

Weatherproof Strobe Series RSSWP is UL Standard 1638 approved for Indoor/Outdoor use. The appliances use a Xenon flashtube with solid state circuitry enclosed in a rugged Lexan® lens to provide maximum visibility and reliability for effective visual signaling. The Series RSSWP mounts to a Series WPSBB Weatherproof Backbox.

Weatherproof Audible Strobe and Audible Series ASWP is UL Standard 1638 and UL Standard 464 approved for Indoor/Outdoor use and offers a field selectable choice of continuous horn or temporal pattern (Code 3) when constant voltage from the Fire Alarm Control Panel (FACP) is applied. Additionally, the audible has three (3) selectable dBA settings of 99, 95, and 90 dBA in both tones. The Series ASWP mounts to a WPBB Weatherproof Backbox.

Weatherproof Multitone Strobe and Multitone Horn Series MTWP are UL Standard 1638 and UL Standard 464 approved for Indoor/Outdoor use and offer a field selectable choice of 8 nationally and internationally recognized alerting signals. Additionally, the audible has 2 installer selectable sound output levels: Standard and high covering a range (depending on selected signal) of 76-94 dBA reverberant. The Series MTWP is a true 4 wire appliance. The Series MTWP mounts to a series IOB Backbox.



Engineering Specifications

The Weatherproof Strobe appliances shall be Series RSSWP-2475W strobes or approved equals. The Series RSSWP shall meet and be listed for UL Standard 1638 (Standard for Visual Signaling Appliances) for Indoor/Outdoor use. The strobe appliances shall produce a flash rate of 30-62 flashes per minute over the Regulated Voltage Range of 16 to 33 VDC and shall incorporate a Xenon flashtube enclosed in a rugged Lexan® lens. The strobe shall be rated at 75cd and shall operate over an extended temperature range of -31°F to 150°F (-35°C to 66°C). All inputs shall be polarized for compatibility with standard reverse polarity supervision of circuit wiring by a Fire Alarm Control Panel. The Series RSSWP shall be mounted only to the WPSBB-R Backbox.

The Weatherproof Audible Strobe and Audible appliances shall be Series ASWP-2475W Audible Strobes or approved equals. The Series ASWP shall meet and be listed for UL Standard 1638 (Standard for Visual Signaling Appliances) for Indoor/Outdoor use. The strobe appliances shall produce a flash rate of 30-62 flashes per minute over the Regulated Voltage Range of 16 to 33 VDC and shall incorporate a Xenon flashtube enclosed in a rugged Lexan® lens. The strobe shall be rated 180cd @ 77°F (25°C) and 75cd at -31°F (-35°C) and shall operate over an extended temperature range at -31°F to 150°F (-35°C to 66°C) and be listed for maximum humidity at 95% RH. All inputs shall be polarized for compatibility with standard reverse polarity supervision of circuit wiring by a Fire Alarm Control Panel (FACP). The Series ASWP shall be mounted only to the WPBB-R Backbox.

The weatherproof audible strobe appliances shall be designed for two-wire operation and shall provide either a continuous or temporal (Code 3) tone when constant voltage from a Notification Appliance Circuit (NAC) of the Fire Alarm Control Panel (FACP) is applied. They shall be designed so that the audible signal may be silenced while maintaining strobe activation.

The Weatherproof Multitone Strobe and Multitone Audible appliances shall be a Series MTWP or equivalent. The Series MTWP shall meet and be listed for UL Standard 1638 (Standard for Visual Signaling Appliances) for indoor/outdoor use. The strobe portion of the appliance shall produce a flash rate of 30-62 flashes per minute over the listed voltage range of 20-31 VDC and shall incorporate a Xenon flash tube enclosed in a rugged Lexan® lens. The strobe shall be rated 180cd @ 77°F (25°C) and 75cd at -31°F (-35°C) and shall operate over an extended temperature range at -31°F to 150°F (-35°C to 66°C) and be listed for maximum humidity at 95% RH. All inputs shall be polarized for compatibility with industry standard reverse polarity of circuit wiring by a Fire Alarm Control Panel. The audible portion of the Series MTWP shall provide eight field selectable alarm signals. The signals shall consists of: Horn, Bell, March Time, Code 3 Horn, Code 3 Tone, Slow Whoop, Siren and Hi/Lo. Tone selection shall be by a durable dip switch assembly. Clips or Jumpers are not acceptable. The appliance shall provide two output sound levels: Standard and High dBA. The range of dBA shall be 75 to 94 dBA. The Series MTWP shall have an operating voltage of 24 VDC (nominal). Both models shall have provisions for In/Out field wiring using terminals that accept #12 to #18 AWG wiring. The Series MTWP shall be mounted only to the IOB-R Backbox.

Ordering Information

Model Number	Strobe cd @ -31°F (-35°C)	Strobe cd @ 77°F (25°C)	dBA	Input Voltage	Color
Strobe					
RSSWP-2475W-FR	75cd	180cd	-	24 VDC	Red
Audible Strobe					
ASWP-2475W-FR	75cd	1480cd	90, 95, 99	24 VDC	Red
Horns/Audibles					
AH-24WP-R	N/A	N/A	90, 95, 99	24 VDC	Red
AH-12WP-R			90, 95, 99	24 VDC	Red
Multitone Strobe					
MTWP-2475W-FR	75cd	180cd	76-94	24 VDC	

NOT TO BE USED FOR INSTALLATION PURPOSES.



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