

## **Speakers & Strobes** **Multi-Tone Strobe: VF4607-1M**



### **Standard Features**

- Approvals include: UL Standards 1971, 1638, 464 and 1480 California State Fire Marshal (CSFM) and New York City (MEA), Factory Mutual (FM) and Chicago (BFP).
- Compliance with the following requirements: NFPA, UFC, ANSI 117.1, OSHA Part 29, 1910.165, ADA
- Weatherproof with extended temperature range of -40°F to 150°F
- Dual Listed strobe models (UL 1638 and UL 1971)
- Industry's highest strobe candela options
- Synchronize using the Fireboy-Xintex Sync Modules or panels with built-in Fireboy-Xintex Patented Sync Protocol
- Models with field selectable tone, dBA and candela settings
- Wall or ceiling mounting options
- Surface or semi-flush mounting
- IN/OUT wiring termination accepting two #12-18 AWG wires at each terminal

### **USCG Type Approved**

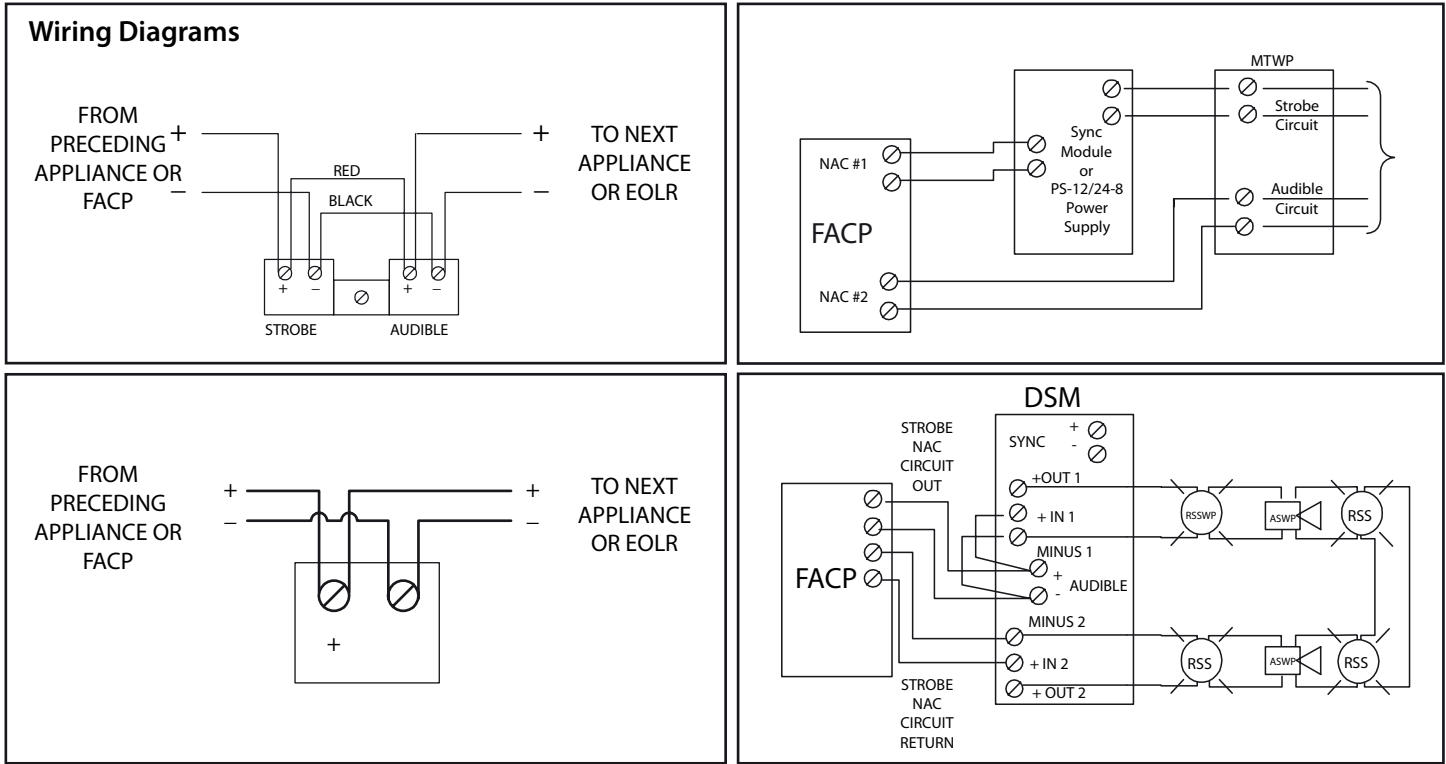
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### **Overview**

All strobe models are UL dual listed - meeting both UL1638 and UL1971 requirements. As dual listed appliances, these weatherproof strobes are listed for outdoor applications under UL 1638 as well as under UL 1971, the Standard for Safety Signaling Devices for Hearing Impaired. With an extended temperature range of -31°F to 150°F, Wheelock weatherproof appliances meet or exceed UL outdoor test requirements for rain, humidity and corrosion resistance while providing multiple strobe intensity options, including the highest strobe ratings available for area coverage per NFPA 72 strobe spacing tables (up to 185 candela for wall mounting and 177 candela for ceiling mounting).

To enable weatherproof mounting, Fireboy-Xintex provides the industry's widest choice of mounting options for surface or unique semi-flush installation. Models are available for surface mounting to Fireboy-Xintex weatherproof backboxes on walls or ceilings.

All models may be synchronized using the Fireboy-Xintex Sync Modules, Fireboy-Xintex Power Supplies or other manufacturers panels incorporating the Fireboy-Xintex Patented Sync Protocol. The horn output of horn strobes can be independently controlled on 2-wire circuits using the Fireboy-Xintex patented sync protocol. VF4607-1M horn strobe models are 4-wire appliances; the strobes can be synchronized while the audible can be connected to a coded fire alarm system or can be set to produce any of eight selectable tones.



**Note:** Due to continuous development of our products, specifications and offerings are subject to change without notice in accordance with Fireboy-Xintex standard terms and conditions.

Agency Approvals					
Model-Strobe	UL	MEA	CSFM	FM	BFP
VF4607-1M	x	x	x	x	*

\*Pending

Candela Ratings				
Series	UL 1971	UL 1638 @77°F	UL 1638 @-40°F	VF4607-1M UL Max Current (Strobe only)
VF4607-1M	30**	180	115	0.138

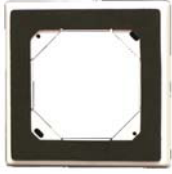
\*\*Wall Mount Rating Only

Ordering Information	
Model	Description
VF4607-1M	Audible Multi Tone Strobe Weatherproof, 75cd, Red

### General Notes

- Strobes are designed to flash at 1 flash per second minimum over their UL Listed Regulated Voltage Range.
- All candela ratings represent minimum effective Strobe intensity based on UL Standards 1971 and 1638 as indicated in candela ratings table.

## Mounting Accessories



VF4982-30



VF4988-30



VF4966-10



VF4979-10



VF4978-10



VF4977-10

### Ordering Information

#### Gasket Kit

VF4987-10

#### Flush Plates

VF4988-10	Red
VF4988-30	White
VF4982-10	Red
VF4982-30	White

#### Backboxes

VF4966-10	Red
VF4966-30	White
VF4979-10	Red
VF4979-30	White
VF4978-10	Red
VF4978-30	White
VF4977-10	Red
VF4977-30	White

### Mounting Options

	Backboxes, Plates		
	Surface Mount		Flush Mount
	Exposed Conduit	Concealed Conduit	
VF4607 Multi-tone Horn Strobes	VF4966	VF4966+VF4987	VF4982

## Architects and Engineers Specifications

**General:** Weatherproof notification appliances shall be UL listed for outdoor use. Weatherproof Strobe appliances shall be listed under UL Standard 1638 (Standard for Visual Signaling Appliances) for Indoor/Outdoor use and UL Standard 1971 (Standard for Safety Signaling Devices for Hearing Impaired). The appliances shall be available for optional wall mounting or ceiling mounting to weatherproof backboxes using either exposed conduit or concealed conduit, or semi-flush mounting to a recessed electrical box in walls or ceilings using Fireboy-Xintex mounting accessories.

**Weatherproof Strobes:** Weatherproof Strobe appliances shall produce a minimum flash rate of 60 flashes per minute over the UL Regulated Voltage Range of 16 to 33 VDC and shall incorporate a Xenon flashtube. The weatherproof strobes shall be available with UL 1971 candela ratings up to 185 cd for wall mounting and 177 cd for ceiling mounting. UL 1638 candela ratings up to

180 cd at 77°F shall be available. The strobes shall operate over an extended temperature range of -40°F to 150°F and be listed for maximum humidity of 95% RH. Strobe inputs shall be polarized for compatibility with standard reverse polarity supervision of circuit wiring by a Fire Alarm Control Panel (FACP).

**Weatherproof Audibles and Audible/Strobe Combinations:** Weatherproof horns and multi-tone audibles shall be listed for Indoor/Outdoor use under UL Standard 464. The horns shall be able to produce a continuous output or a temporal code-3 output that can be synchronized. The horns shall have at least 3 sound level settings. Horn/Strobe combinations shall be able to be synchronized on a single NAC. Multi-tone audibles shall be able to produce 8 distinct tones selectable by dip switch and shall have at least 2 sound level settings. Multi-tone Audible/Strobe combinations shall have independent inputs for the audible and strobe. The strobes shall be able to be synchronized. The audibles shall be able to be coded when operated on a separate NAC.

**Synchronization Modules:** When synchronization of strobes or temporal code-3 audibles is required, the appliances shall be compatible with the Fireboy-Xintex Series Sync Modules, Fireboy-Xintex Power Supplies or other manufacturers panels with built-in Fireboy-Xintex Patented Sync Protocol. The strobes and audibles shall not drift out of synchronization at any time during operation. Series VF4604 audibles and strobes shall be able to be synchronized on a 2-wire circuit with the ability to silence the audible if required. The strobes on Series multi-tone audible/strobe appliances shall be able to be synchronized and shall be able to be operated on a separate circuit from the audibles while the audible circuit is connected to a coded or continuous NAC.

**Weatherproof Mounting Accessories:** Weatherproof mounting options shall include surface mounting or semi-flush mounting to walls or ceilings. Surface mounted appliances shall mount to Fireboy-Xintex VF4966, VF4977, VF4978, or VF4979 weatherproof backboxes using either exposed conduit or concealed conduit. For concealed conduit the weatherproof backbox shall be mounted to a recessed electrical box with Fireboy-Xintex VF4987 to provide a weatherproof seal for the electrical box. Semi-flush mounted appliances shall mount to a recessed electrical box using Fireboy-Xintex VF4982 or VF4988 flush plates to provide a weatherproof seal between the electrical box and the appliance.