

# AS4029-X0 / AS4006-X0 / AS4007-X0

## WALL MOUNT EVACUATION OUTDOOR HORN, STROBE, HORN/STROBE



### Product Overview

The Outdoor Avenger Series offers dependable visible and/or audible alarms for all outdoor needs. Included with the Avenger Series is the AS4008-10 outdoor enclosure. The enclosure is made of high quality Lexan material, providing protection from weather related conditions and allowing the necessary full candela output. This highly constructed enclosure meets various installation requirements including deterring moisture from entering the enclosures.

The Outdoor Series is equipped with the 4" mounting plate which incorporates the Super-Slide™ feature that allows the installer to easily test for supervision. The product also features a locking mechanism which secures the product to the bracket without any screws showing. The Avenger Series also features the Checkmate™ - Instant Voltage Verification feature which allows the installer to check the voltage without removing the signal. The Avenger Series strobe has a minimal operation current and has a minimum flash rate of 1Hz and can vary up to 2Hz regardless of input voltage.

The Avenger Outdoor Series appliances are UL 464 and UL 1638 listed for use with fire protective systems and are warranted for three years from date of purchase.



### Standard Features

- UL 464 and UL 1971 Listed
- Nominal Voltage 24VDC
- Unit Dimensions: VF4008 5.75" High x 4.75" Wide x 4.18" Deep
- To Obtain Outdoor Horn, Must Order VF4000 and VF4008 Separately
- Super-Slide™ - Ease of Supervision Testing
- Checkmate™ - Instant Voltage Verification
- Lower Installation and Operating Costs
- Switch Selection for High dBA
- Switch for Mechanical and 2400Hz Tone
- Switch for Continuous Tone
- Tamperproof Re-entrant Grill
- Wide Voltage Range 16-33 VDC or FWR
- Separate Horn and Strobe Functions
- Synchronize Strobe and/or Horn by Using VES Synchronization Control Module
- Listed for UL1638 when used with the VF4008 enclosure
- VF4008 Made of Clear Lexan - Provides Maximum Visibility and Reliability for effective Visible Signaling - Allowing Full 75cd Output
- Input Terminals 12 to 18 AWG
- Faceplate available in Red or Off-White

### Ordering Codes

<b>AS4006-10</b>	Wall Mount Low Profile Evacuation Outdoor Strobe with Red Faceplate
<b>AS4006-30</b>	Wall Mount Low Profile Evacuation Outdoor Strobe with White Faceplate
<b>AS4007-10</b>	Wall Mount Low Profile Evacuation Outdoor Horn/Strobe Red Faceplate
<b>AS4007-30</b>	Wall Mount Low Profile Evacuation Outdoor Horn/Strobe White Faceplate
<b>AS4008-10</b>	Outdoor Surface Mount Backbox - Red
<b>AS4008-30</b>	Outdoor Surface Mount Backbox - White

Part #	Description	Reverberant dBA @ 10ft.	Anechoic Room dBA @ 10ft.	Candela Output (cd)
<b>AS4000-X0</b>	Wall Mount Low Profile Evacuation Horn	62-82 dBA	100 dBA	N/A
<b>AS4006-X0</b>	Wall Mount Low Profile Evacuation Strobe	N/A	N/A	15 /75
<b>AS4007-X0</b>	Wall Mount Low Profile Evacuation Horn/Strobe	62-82 dBA	100 dBA	15 /75

## Horn Specifications

Horn Mode	Minimum dBA @ 10ft. Per UL464 (High Setting)	Minimum dBA @ 10ft. Per UL464 (Low Setting)	Max. Current Draw @ High Setting (mA)
<b>Temp 3 2400Hz</b>	78	71*	28
<b>Temp 3 Mechanical</b>	76	70*	25
<b>Temp 3 Chime</b>	70*	66*	15
<b>Continuous 2400Hz</b>	81	74*	28
<b>Continuous Mechanical</b>	80	72*	25
<b>Continuous Chime</b>	70*	66*	15
<b>Whoop</b>	82	69	56

\* Operating the horn in this mode at this voltage will result in not meeting the minimum UL reverberant sound level required for public mode fire protection service. These settings are acceptable only for private mode fire alarm use. Use the high dBA setting for public mode application (not applicable when using the chime tone - the chime tone is always private mode).

## Outdoor Strobe Current Rating

<b>Candela</b>	75cd
<b>24VDC</b>	112mA
<b>UL Max<sup>1</sup></b>	180mA

1: RMS current ratings are per UL average RMS method. UL max current rating is the maximum RMS current within the listed voltage range 16-33VDC for 24VDC units. For strobes the UL max current is usually at the minimum listed voltage 16VDC for 24VDC units. For audible the max current is usually at the maximum listed voltage. For unfiltered FWR ratings, see installation manual.

## Notes:

- Avenger Outdoor Strobes and Horn/Strobes are listed for outdoor use.
- Indoor Operating Temperature: 32° to 120°F (0° to 49°C).
- Outdoor Operating Temperature: -31° to 150°F (-35° to 66°C).
- For nominal and peak current across UL regulated voltage range for filtered DC power and unfiltered (FWR [Full Wave Rectified]) power, see installation manual.
- The sound output for the temporal 3 tone is rated lower since the time the horn is off is averaged into the sound output rating. While the horn is producing a tone in the temporal 3 mode its sound pressure is the same as the continuous mode. To obtain the horn/strobe current draw, add the strobe current draw and the horn current draw.
- Do not use a coded or pulsing signaling circuit with any of our strobe products