

## AS4003-X0 / AS4004-X0

### CEILING MOUNT EVACUATION STROBE, HORN/STROBE



#### Standard Features

- UL 464 and UL 1971 Listed
- Nominal Voltage 24 VDC
- Tamperproof Field Selectable Candela options of 15, 30, 75, 95, 115 & 150
- Super-Slide™ Bracket - Ease of Supervision
- Testing Checkmate™ - Instant Voltage Verification
- Unit Dimensions: 6" x 2.6"
- Synchronize AS4003 Series by using Avenger Series Control Module
- Prewire Entire System, then Install Your Signals Input Terminals 12 to 18 AWG
- Switch Selection for High or Low dBA
- Switch Selection for 2400Hz or Mechanical
- Tone Switch Selection for Continuous or Temporal 3
- Tamperproof Re-entrant Grill
- Surface Mount with the Ceiling Surface Mount Box
- Silence Horn While Strobes Remain Flashing
- Wide Voltage Range 16-33 VDC or FWR
- Faceplate available in Red or Off-White

#### Product Overview

The AS4003/AS4004 Series is a ceiling mount strobe or horn/strobe combination that offers dependable audible and visual alarms and the lowest current available.

The AS4003/AS4004 offers tamper field selectable candela options of 15, 30, 75, 95, 115 and 150 candelas.

The AS4004 horn offers a continuous or synchable temporal three in 2400Hz or mechanical tone. These tones are easy for the professional to change in the field by using switches. The models are shipped from the factory in the temporal three alarm mode.

The Avenger AS4003/AS4004 Series has a minimal operating current and has a minimum flash rate of 1Hz regardless of input voltage.

This Series comes standard with the 4" mounting plate which incorporates the popular Super-Slide™ feature that allows the installer to easily test for supervision.

The AS4003/AS4004 Series also features the Checkmate™ - Instant Voltage Verification feature which allows the installer to check the voltage without removing the signal.

The Avenger AS4003/AS4004 Series appliances are UL 464 and UL 1971 listed for use with fire protective systems and are warranted for three years from the date of purchase.

## Ordering Codes

Part #	Description	Reverberant dBA @ 10ft.	Anechoic Room dBA at 10ft.	Candela Output (cd)
AS4003-10	Ceiling Mount Strobe - Red Faceplate	N/A	N/A	15, 30, 75, 95, 115, 150
AS4003-30	Ceiling Mount Strobe - White Faceplate	N/A	N/A	15, 30, 75, 95, 115, 150
AS4004-10	Ceiling Mount Horn/Strobe - Red Faceplate	81 - 86 dBA	90 dBA	15, 30, 75, 95, 115, 150
AS4004-30	Ceiling Mount Horn/Strobe - White Faceplate	81 - 86 dBA	90 dBA	15, 30, 75, 95, 115, 150

## Horn Specifications

Horn Mode	Minimum dbA @ 10ft. Per UL464 (High Setting)	Minimum dbA @ 10ft. Per UL464 (Low Setting)	Max. Current Draw @ High Setting (mA)
Temp 3 2400Hz	83	75	23
Temp 3 Mechanical	81	73*	22
Continuous 2400Hz	86	78	23
Continuous Mechanical	84	76	22

\* 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.

## Notes:

- 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 modes 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.
- 1 The listed horn current draws are for the Continuous Tone mode. The Temporal 3 Tone has a reverberant dBA @ 10ft. per UL 464 is 77-83 with a horn current draw of 34mA.
- 2 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.

## Strobe Current Rating

Candela	15cd	30cd	75cd	95cd	115cd	150cd
24VDC	97mA	101mA	143mA	148mA	201mA	205mA
UL Max <sup>1</sup>	120mA	130mA	200mA	220mA	290mA	321mA

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.