



► Models ASHX and ASUX

# Explosion-Proof Amplified Speakers

Federal Signal's Models ASHX and ASUX Explosion-Proof Amplified Speakers are designed to produce crisp, clear tones in supervised alarm notification systems. Both models are compatible with fire alarm, voice evacuation, suppression supervised control panels, and power boosters.

These amplified speakers can broadcast tones generated by a Tone Card installed into the speaker (the plug-in 32-tone UTM) or by a central tone source in a voice evacuation or paging system. When live public address or voice messages are required, plug-in Connector Cards (AM25CK or AM70CK) interface with the Vrms of the EVAC panel.

The speaker cone and projector are constructed of rugged spun aluminum. The solid-state amplifier circuit is protected in a die-cast aluminum housing. Dust- and moisture-proof gaskets provide protection from the elements. All external surfaces are sealed with red powder coat paint.

## FEATURES

- 15 watt (ASHX) or 30 watt (ASUX)
- 24VDC
- Built-in gain control
- Four wire supervisable power circuit
- Swivel mount bracket
- Type 4X, IP66 enclosure
- CSFM Approved
- UL and cUL listed for Class I, Division 1, Groups B, C and D; Class I, Division 2, Group A, B, C, and D; Class II, Division 2, Groups F and G; Class III
- ASHX and ASUX UL Fire Listed

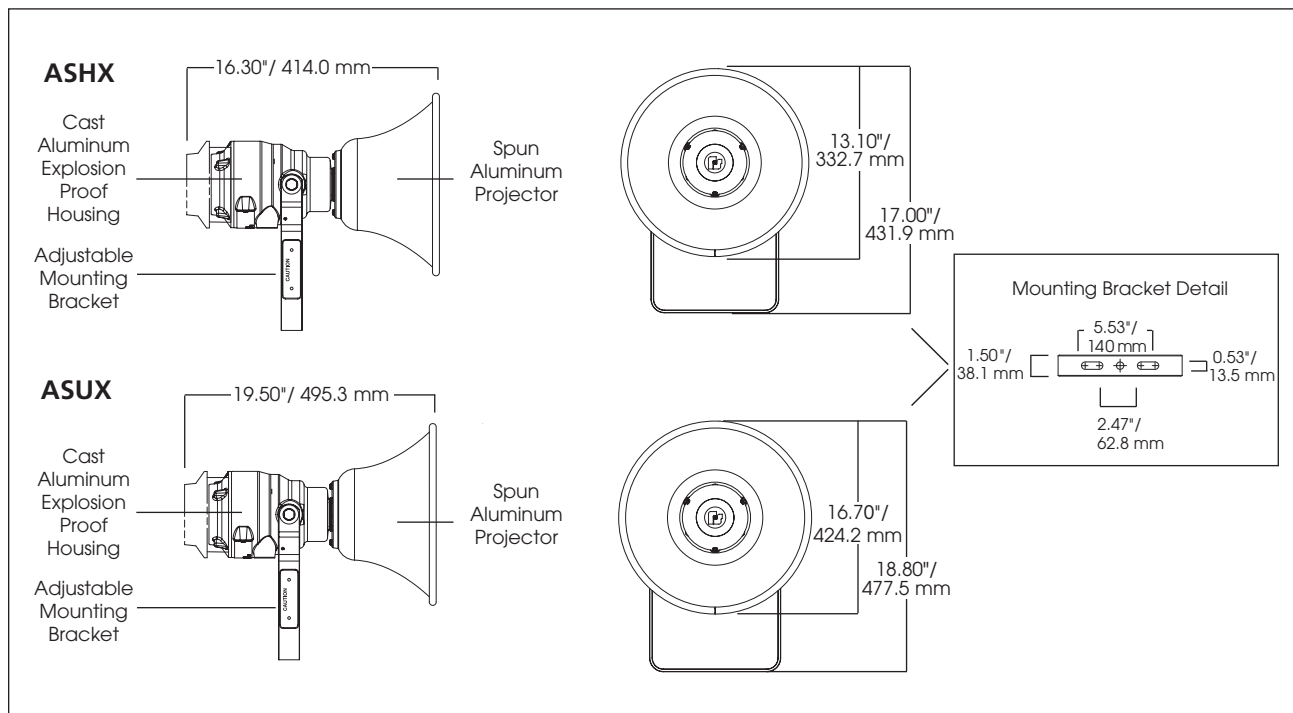
| MODEL           | WATTS | VOLTAGE | OPERATING CURRENT | STANDBY CURRENT | SPL PER UL 1480 10' | 1M      | DECIBELS 10' | 1M      |
|-----------------|-------|---------|-------------------|-----------------|---------------------|---------|--------------|---------|
| <b>ASHX-024</b> | 15 W  | 24VDC   | 0.7 amps          | 0.13 amps       | 91 dBa              | 101 dBa | 110 dBa      | 120 dBa |
| <b>ASUX-024</b> | 30 W  | 24VDC   | 1.0 amps          | 0.13 amps       | 97 dBa              | 107 dBa | 114 dBa      | 124 dBa |

### HAZARDOUS LOCATION RATING: ASHX and ASUX

T-CODE AT MAXIMUM AMBIENT TEMPERATURE, °C

| Hazardous Location                     | ASHX |      | ASUX |      |
|--|------|------|------|------|
|  | 40°C | 66°C | 40°C | 66°C |
| Class I, Division 1, Groups B, C, D    | T6   | T6   | T6   | T6   |
| Class I, Division 2, Groups A, B, C, D | T2B  | T2A  | T3   | T2D  |
| Class II, Division 2, Groups F, G      | T5   | T5   | T6   | T6   |
| Class III                              | T5   | T5   | T6   | T6   |

## Explosion-Proof Amplified Speakers (ASHX and ASUX)



### SPECIFICATIONS

#### ASHX

|                        |                |               |
|------------------------|----------------|---------------|
| Operating Temperature: | -40°F to 150°F | -40°C to 66°C |
| Net Weight:            | 15.4 lbs       | 7.0 kg        |
| Shipping Weight:       | 22.8 lbs       | 10.4 kg       |
| Height:                | 17.00"         | 431.9 mm      |
| Width:                 | 13.10"         | 332.7 mm      |
| Depth:                 | 16.30"         | 414.0 mm      |

#### ASUX

|                        |                |               |
|------------------------|----------------|---------------|
| Operating Temperature: | -40°F to 150°F | -40°C to 66°C |
| Net Weight:            | 16.4 lbs       | 7.4 kg        |
| Shipping Weight:       | 32.4 lbs       | 14.7 kg       |
| Height:                | 18.80"         | 477.5 mm      |
| Width:                 | 16.70"         | 424.2 mm      |
| Depth:                 | 19.50"         | 495.3 mm      |

### REPLACEMENT PARTS

#### Description

#### Part Number

#### ASHX

|                           |              |
|---------------------------|--------------|
| Horn Assembly, Red        | K8593100A-01 |
| Mounting Bracket Assembly | K8593071A    |
| 4 Position connector      | K140340B     |

#### ASUX

|                           |           |
|---------------------------|-----------|
| Mounting Bracket Assembly | K8593071A |
| 4 Position connector      | K140340B  |

### OPTIONAL ACCESSORIES

#### Description

#### Part Number

|                       |     |
|-----------------------|-----|
| Universal Tone Module | UTM |
|-----------------------|-----|

#### Specify Connector Kit for use in systems:

|                       |        |
|-----------------------|--------|
| 70 Vrms Connector Kit | AM70CK |
| 25 Vrms Connector Kit | AM25CK |

### HOW TO ORDER

#### Specify Model:

**ASHX-024** – 15 watt

**ASUX-024** – 30 watt