



► Model ASHP and ASUP

Amplified Speaker

The Federal Signal Models ASHP and ASUP Amplified Speakers are designed to produce crisp, clear tones in supervised alarm notification systems. 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.

Both speaker amplifiers are compatible with fire alarm and suppression supervised control panels and power boosters.

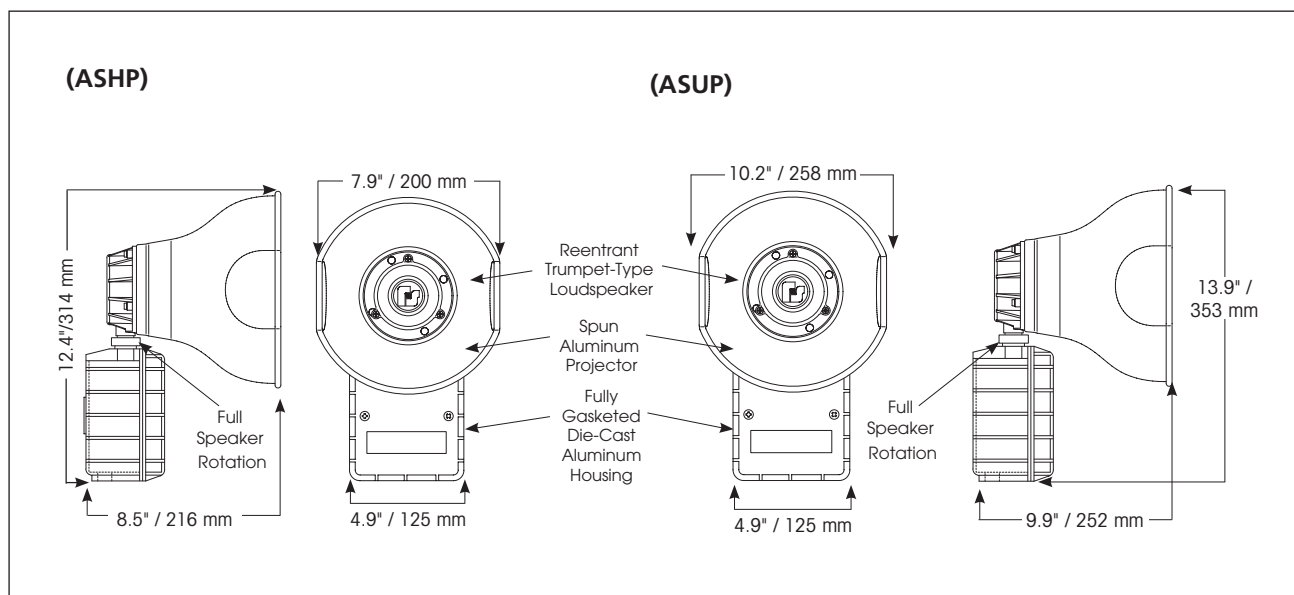
The speaker cone and projector are constructed of rugged spun aluminum. The solid-state amplifier circuit is protected in a die-cast aluminum housing. Dust- and moisture-proof gaskets provide protection from the elements. All external surfaces are sealed with red powder coat paint.

FEATURES

- 24VDC
- Built-in gain control
- Four wire supervisable power circuit
- Digital signal amplification
- Fused input and output
- Easily installed on any flat surface
- For indoor and outdoor use
- Type 3R enclosure
- CSFM Approved
- UL Fire Listed

MODEL	VOLTAGE	OPERATING CURRENT	STANDBY CURRENT	SPL PER UL 1480		DECIBELS	
				10'	1M	10'	1M
ASHP-024	24VDC	0.7 amps	0.15 amps	95 dBa	105 dBa	108 dBa	118 dBa
ASUP-024	24VDC	1.3 amps	0.15 amps	100 dBa	110 dBa	112 dBa	122 dBa

Audible Signaling Device (ASHP and ASUP)



SPECIFICATIONS

ASHP

Operating Temperature:	-40°F to 150°F	-40°C to 66°C
Net Weight:	4.5 lbs	2.0 kg
Shipping Weight:	5.7 lbs	2.6 kg
Height:	12.4"	314.0 mm
Width:	7.9"	200.0 mm
Depth:	8.5"	216.0 mm

ASUP

Operating Temperature:	-40°F to 150°F	-40°C to 66°C
Net Weight:	6.1 lbs	2.8 kg
Shipping Weight:	7.5 lbs	3.4 kg
Height:	13.9"	353.0 mm
Width:	10.2"	258.0 mm
Depth:	9.9"	252.0 mm

HOW TO ORDER

Specify Model:**ASHP-024** – 0.7 amps, 108 dBa @ 10' (118 dBa @ 1 m)**ASUP-024** – 1.3 amps, 112 dBa @ 10' (122 dBa @ 1 m)

REPLACEMENT PARTS

Description**Part Number****ASHP**

Voice Coil	K8593035A
4 Position connector	K140340B

ASUP

Voice Coil	K8593036A
Speaker Assembly, Red	K8590246A
4 Position connector	K140340B

OPTIONAL ACCESSORIES

Description**Part Number**

Universal Tone Module	UTM
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Specify Connector Kit for use in systems:

70 Vrms Connector Kit	AM70CK
25 Vrms Connector Kit	AM25CK