FEDERAL SIGNAL

Models ASHP and ASUP

Amplified Speakers

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 V_{rms} of the EVAC panel.

Both amplified speakers are compatible with fire alarm and suppression supervised control panels and power boosters.

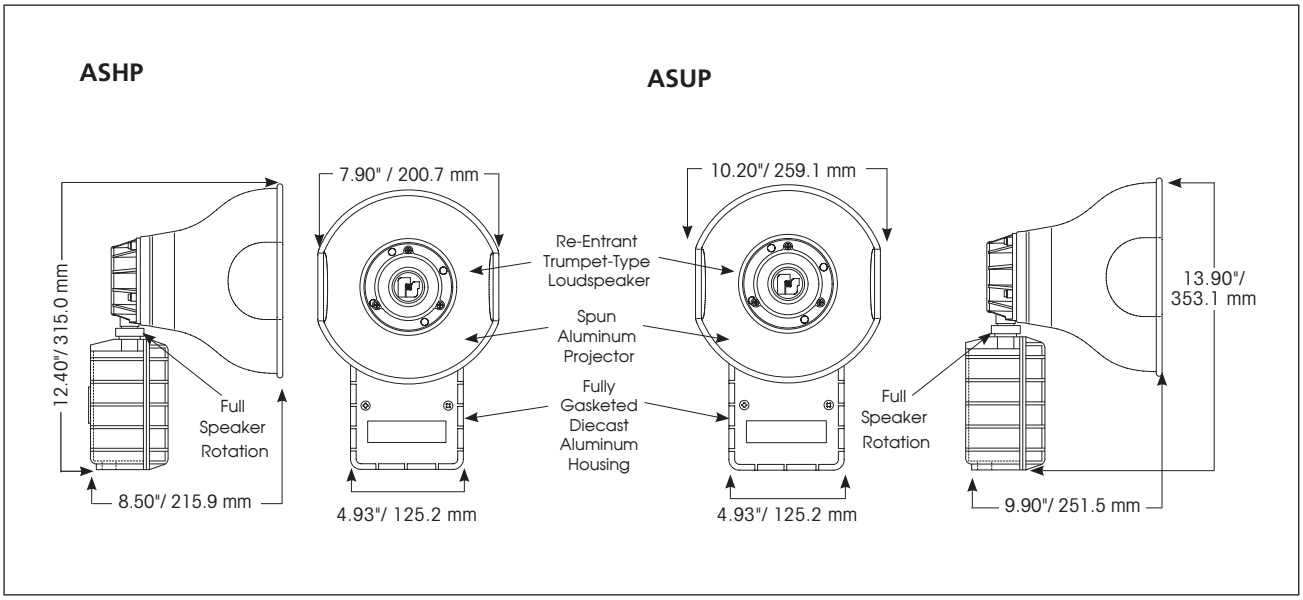
The speaker cone and projector are constructed of rugged spun aluminum. The solid-state amplifier circuit is protected in a diecast aluminum housing. Dust- and moisture-proof gaskets provide protection from the elements. All external surfaces are sealed with Red powder coat paint.

FEATURES

- 15 watt (ASHP) or 30 watt (ASUP)
- 24 Vdc
- Built-in gain control
- Four-wire supervisable power circuit
- Digital signal amplification
- Fused input and output
- Easily installed on any flat surface
- Indoor/outdoor use
- Type 3R enclosure
- CSFM Approved
- UL Fire Listed

MODEL	WATTS	VOLTAGE	OPERATING CURRENT	STANDBY CURRENT	SPL PER UL 1480		DECIBELS	
					10'	1m	10'	1m
ASHP-024	15 W	24 Vdc	0.7 A	0.15 A	95 dBa	105 dBa	108 dBa	118 dBa
ASUP-024	30 W	24 Vdc	1.3 A	0.15 A	100 dBa	110 dBa	112 dBa	122 dBa

Amplified Speakers (ASHP and ASUP)



SPECIFICATIONS

ASHP

Operating Temperature:	-40° to 150°F	-40° to 66°C
Net Weight:	4.5 lb	2.0 kg
Shipping Weight:	5.7 lb	2.6 kg
Height:	12.40"	315.0 mm
Width:	7.90"	200.7 mm
Depth:	8.50"	215.9 mm

ASUP

Operating Temperature:	-40° to 150°F	-40° to 66°C
Net Weight:	6.1 lb	2.8 kg
Shipping Weight:	7.5 lb	3.4 kg
Height:	13.90"	353.1 mm
Width:	10.20"	259.1 mm
Depth:	9.90"	251.5 mm

REPLACEMENT PARTS

Description	Part Number
ASHP	
Voice Coil	K8593035A
4-Position connector	K140340B
ASUP	
Voice Coil	K8593035A
Speaker Assembly, Red	K8590246A
4-Position connector	K140340B

HOW TO ORDER

Specify Model:

ASHP-024 – 15 watt

ASUP-024 – 30 watt

OPTIONAL ACCESSORIES

Description	Part Number
Universal Tone Module	UTM
Specify Connector Kit for use in systems:	
70 V_{rms} Connector Kit	AM70CK
25 V_{rms} Connector Kit	AM25CK