FEDERAL SIGNAL



Model 300GC

SelecTone® 15W Amplified Speakers

Model 300GC SelecTone® Amplified Speaker is designed to produce crisp, clear tones, digital voice messages, and live public address in harsh environments with high ambient noise levels.

The internal circuitry, tone module, and gain control are contained in a housing constructed of diecast aluminum. All surfaces are sealed with powder-coat paint. Dust- and moisture-proof gaskets provide protection from the elements.

SelecTone Amplified Speakers are used individually or as part of a plant-wide emergency notification system. Model UTM Universal Tone Module with (32) tones, or model TM33-SD Custom Tone Module is plugged into a single SelecTone Amplified Speaker for stand-alone use or into a SelecTone Command Unit for plant-wide signaling.

For plant-wide signaling, a Connector Kit is installed into each SelecTone Amplified Speaker and wired to a central controller. SelecTone Command Units and CommCenter® Digital Message Centers broadcast tones, voice messages, melodies, and live public address to an unlimited number of SelecTone Amplified Speakers.

Typical applications for SelecTone include emergency warning, plant evacuation, start and dismissal, public address, and process control signaling.

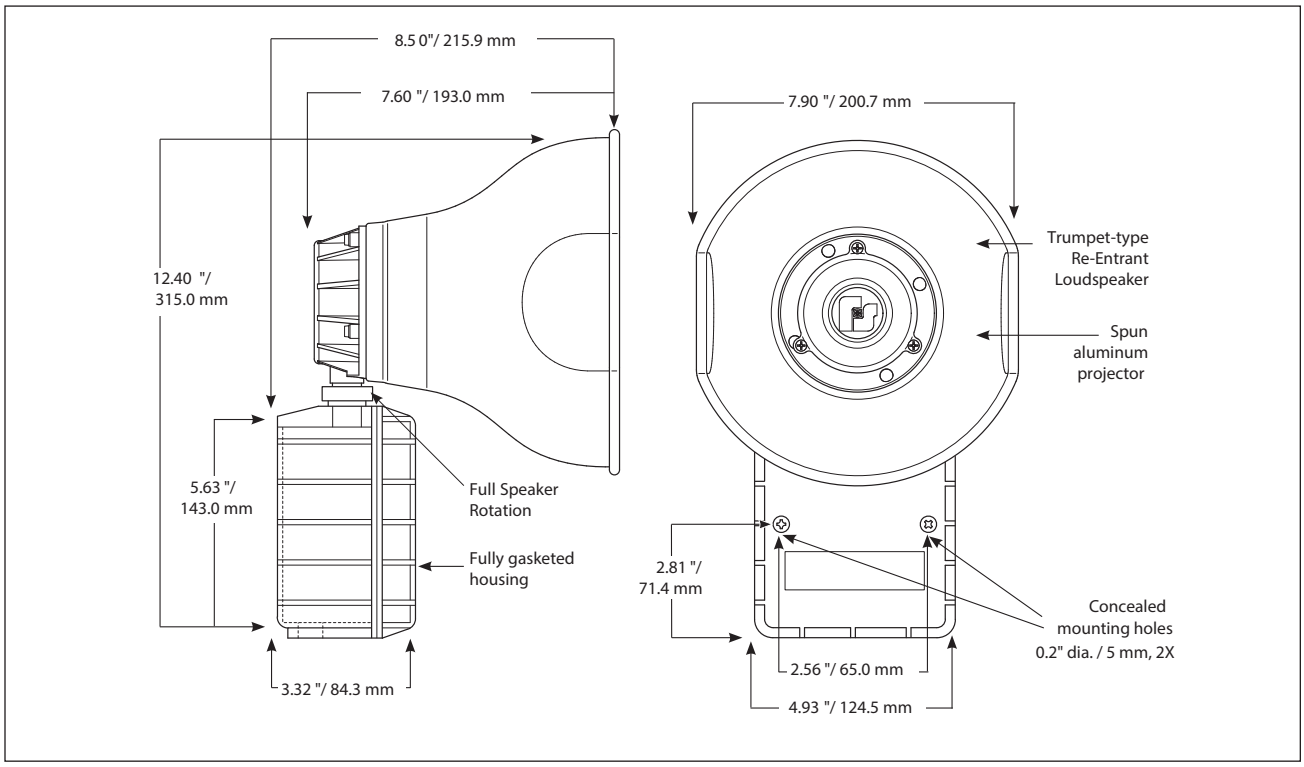
FEATURES

- Available in 24 Vac/dc, 120 Vac and 240 Vac
- Built-in gain control, adjustable between 0 dBa to 110 dBa at 10' (0 dBa to 120 dBa at 1 m)
- Cast copper-free aluminum housing, spun aluminum projector
- Digital signal amplification
- Fused input and output
- Indoor/outdoor use
- Type 3R, IP54 enclosure
- CSFM Approved
- UL and cUL Listed

MODEL	VOLTAGE	OPERATING CURRENT	STANDBY CURRENT*	DECIBELS 10'	DECIBELS 1 m
300GC-024	24 Vdc	1.0 A	50 mA	110	120
	24 Vac 50/60 Hz	1.0 A	100 mA	110	120
300GC-120	120 Vac 50/60 Hz	0.25 A	30 mA	110	120
300GC-240	240 Vac 50/60 Hz	0.15 A	15 mA	110	120

* When used as a powered loud speaker

SelecTone® 15W Amplified Speakers (300GC)



SPECIFICATIONS

Operating Temperature:	-67° to 150°F (-55° to 66°C)
Rated Power:	15 W
Net Weight:	
24 Vac/dc	5.5 lb (2.5 kg)
120/240 Vac/dc	5.5 lb (2.5 kg)
Shipping Weight:	
24 Vac/dc	6.7 lb (3.0 kg)
120/240 Vac/dc	6.7 lb (3.0 kg)
Height:	12.40 in (315.0 mm)
Width:	7.90 in (200.7 mm)
Depth:	8.50 in (215.9 mm)

HOW TO ORDER

1. Select Model

2. Select Required Accessory (sold separately)

A. For stand-alone operation, Select Tone Module:

Universal Tone Module	**UTM**
Custom Tone Module	**TM33-SD**

B. For use in systems*, select Connector Kit.

25 V_{rms}, 1 V_{rms}	**AM25CK**
70 V_{rms}, 1 V_{rms}	**AM70CK**
10 V_{rms}, 1 V_{rms}	**300CK**
2.7 V_{rms}, 1 V_{rms}	**T-300CK**
1 V_{rms}, 1 V_{rms}	**E-300CK**

*Call the factory for design assistance.

ACCESSORIES

Description	Part Number
Speaker Rotational Mounting Kit	**SEL-KIT-RS**

REPLACEMENT PARTS

Description	Part Number
PCBA, Amp Motherboard, 15 W, 24 Vac/dc	**K2001961B-05**
PCBA, Amp Motherboard, 15 W, 120/240 Vac	**K2001961B-04**
Amplifier PCBA, 15 W	**K2005502D-04**
XFMR, 15 W, 120 Vac, 1.3 A	**K120857A**
XFMR, 15 W, 240 Vac, 1.3 A	**K120858A**
Speaker Assembly, 15 W, Gray	**K8593082A**
Voice Coil, 15 W	**K8593035A**
Gasket, Housing, 15 W	**K288A043**
Housing, 15 W, Gray	**K8473021A**
Cover, Gray	**K8473022A**

300GC – 024

TYPE
300GC

VOLTAGE
024 (24 Vac/dc)
120 (120 Vac)
240 (240 Vac)