FEDERAL SIGNAL



Model 50GC

SelecTone® Amplified Speakers

Model 50GC SelecTone® Amplified Speaker is designed to produce crisp, clear tones, digital voice messages, and live public address.

In Model 50GC a short, folded, re-entrant horn is interposed between the diaphragm and surrounding air space. This design provides optimal dBa output and frequency response.

When installed with the WB Weatherproof Back Box, model 50GC is suitable for use outdoors.

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.

The compact size and attractive appearance of Model 50GC makes it ideal for use in offices, hallways, reception, and plant areas where ambient noise levels are not exceedingly high, and even sound dispersal is desired. Emergency signaling and paging are common applications.

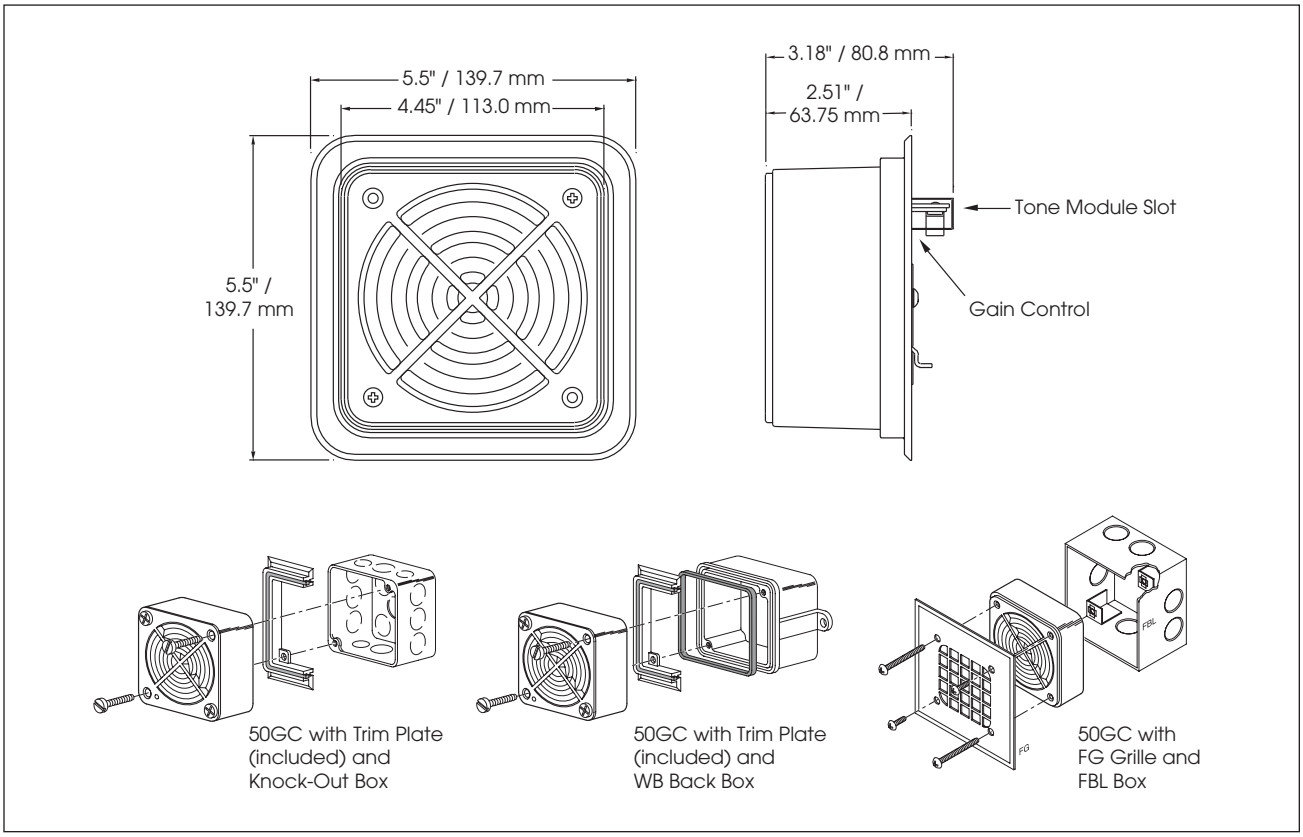
FEATURES

- Available in 24 Vac/Vdc and 120 Vac
- Solid-state circuitry
- Built-in gain control, adjustable between 64 dBa to 88 dBa at 10' (74 dBa to 98 dBa at 1 m)
- Flush or surface mount
- Type 3R enclosure when used with the WB back box
- CSFM Approved
- UL and cUL Listed

MODEL	VOLTAGE	OPERATING CURRENT	STANDBY CURRENT*	DECIBELS 10'	DECIBELS 1 m
50GC-024BG	24 Vdc 24 Vac 50/60 Hz	0.09 A 0.29 A	0.037 A 0.147 A	88 88	98 98
50GC-120BG	120 Vac 50/60 Hz	0.04 A	0.027 A	88	98

*When used as a powered loud speaker

SelecTone® Amplified Speakers (50GC)



SPECIFICATIONS

Operating Temperature:	-31° to 151°F (-35° to 66°C)
Net Weight:	1.7 lb (0.8 kg)
Shipping Weight:	2.2 lb (1.0 kg)
Height:	5.5 in (139.7 mm)
Width:	5.5 in (139.7 mm)
Depth:	3.18 in (80.8 mm)

ACCESSORIES

Description	**Part Number**
Specify Model:	
Weatherproof Back Box	**WB**
Grille	**FG**
Flush Mount Back Box	**FBL**
Electro-Mechanical Rotational Mounting Kit	**EM-KIT-RS**

*Compatible if used with WB-Gray, WB-Black or WB-NM- Gray Boxes

HOW TO ORDER

1. Select Model

2. Select Required Accessory (sold separately)

A. For stand-alone operation, SelectTone 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.

50GC – 024 BG

TYPE
50GC

VOLTAGE
024 (24 Vac/Vdc)
120 (120 Vac)

2645 Federal Signal Dr., University Park, IL 60484 | Tel: +1 708.534.4756 | Email: signalsupport@fedsig.com | www.fedsig.com