**FEDERAL SIGNAL**

▶ Model 50GC

# SelecTone® Amplified Speaker

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

In the 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 Model WB Weatherproof Backbox, the 50GC is suitable for use outdoors.

SelecTone Amplified Speakers are used individually or as part of a plant-wide emergency notification system. The Model UTM Universal Tone Module, with 32 tones, or the TM33 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 the Model 50GC make 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.
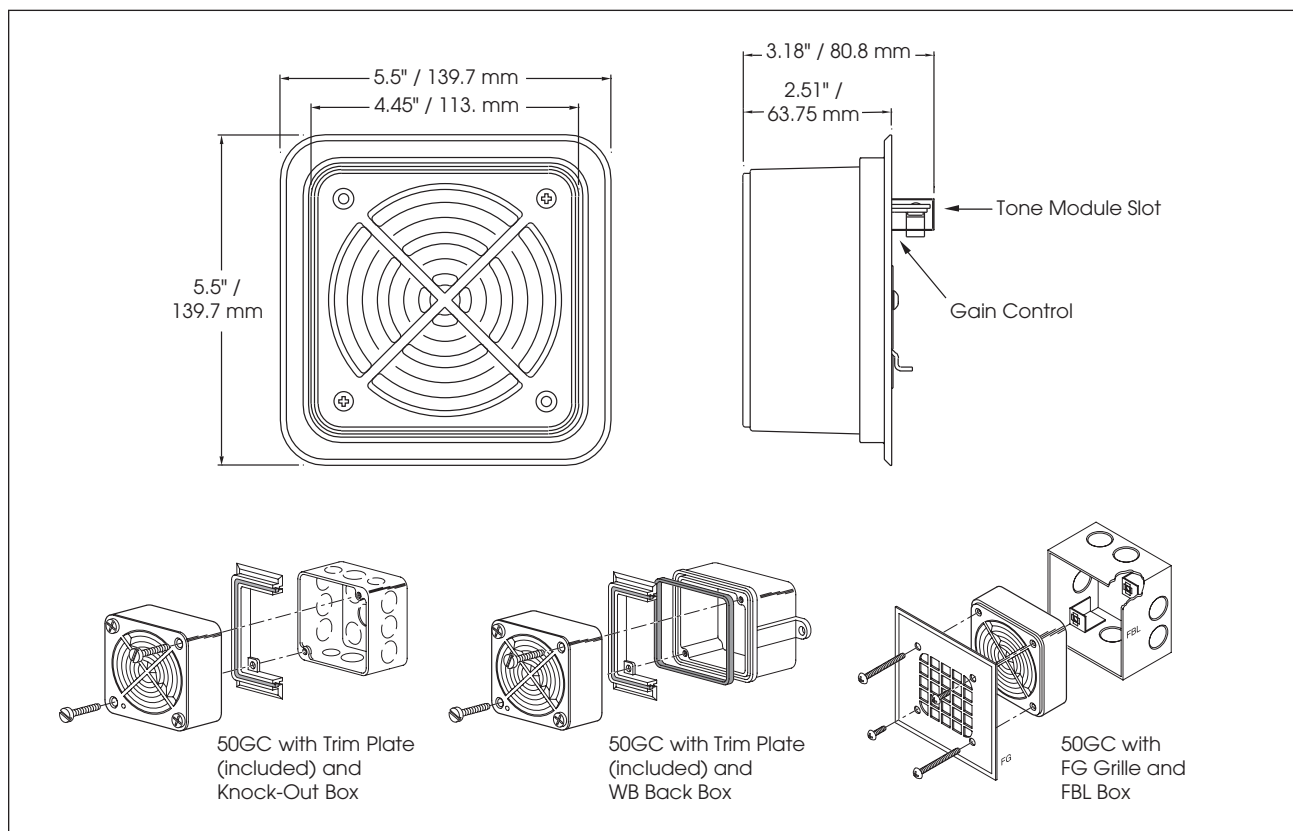
## FEATURES

- Available in 24VAC/DC and 120VAC
- Solid-state circuitry
- Built-in gain control, adjustable between 64 dBa to 88 dBa @ 10' (74 dBa to 98 dBa @ 1m)

- Flush or surface mount
- Type 3R enclosure when used with the WB backbox
- UL and cUL Listed, and CSFM Approved

| MODEL | VOLTAGE | OPERATING CURRENT | STANDBY CURRENT* | DECIBELS 10' | 1M |
|---|---|---|---|---|---|
| **50GC-024BG** | 24VDC 24VAC 50/60Hz | 0.09 amps 0.29 amps | 0.037 amps 0.147 amps | 88 88 | 98 98 |
| **50GC-120BG** | 120VAC 50/60Hz | 0.04 amps | 0.027 amps | 88 | 98 |

*When used as a powered loud speaker
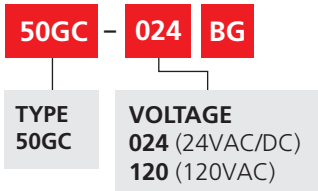
# SelecTone® Amplified Speaker (50GC)

5.5" / 139.7 mm
4.45" / 113. mm
5.5" / 139.7 mm

3.18" / 80.8 mm
2.51" / 63.75 mm

Tone Module Slot

Gain Control

50GC with Trim Plate (included) and Knock-Out Box

50GC with Trim Plate (included) and WB Back Box

50GC with FG Grille and FBL Box

## S P E C I F I C A T I O N S

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

## O P T I O N A L   A C C E S S O R I E S

| Description | Part Number |
|---|---|
| Weatherproof Back Box | WB |
| Grille | FG |
| Flush Mount Back Box | FBL |

## H O W   T O   O R D E R

**50GC** – **024** **BG**

**TYPE 50GC**

**VOLTAGE**
**024** (24VAC/DC)
**120** (120VAC)

**Specify Tone Module:**
For stand alone operation
**UTM –** Universal Tone Module
(Reference page 199 for list of tones)
**TM33 –** Custom Tone Module
(Reference page 201 for list of tones)

**Specify Connector Kit:**
(sold separately) for use in systems
Call factory for system design assistance.
(Reference page 202 for Connector Kits)

**AM25CK** – 25 Vrms, 1 Vrms
**AM70CK** – 70 Vrms, 1 Vrms
**300CK** – 10 Vrms, 1 Vrms
**T-300CK** – 2.7 Vrms, 1 Vrms
**E-300CK** – 1 Vrms, 1 Vrms