FEDERAL SIGNAL

▶ Models 304GC, 314GC, 304GC-CN, and 314GC-CN

SelecTone®
Amplified Speakers

Models 304GC, 314GC, 304GC-CN, and 314GC-CN 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 amplified speakers are compatible with fire alarm and suppression supervised control panels and power boosters.

The rugged construction and high output of these speakers make it ideal for use in harsh environments with high ambient noise levels. Both models feature an internal gain control for adjustment to the suit area.

*ULC Fire Listed Models (-CN models) can only be used with a UTM tone card
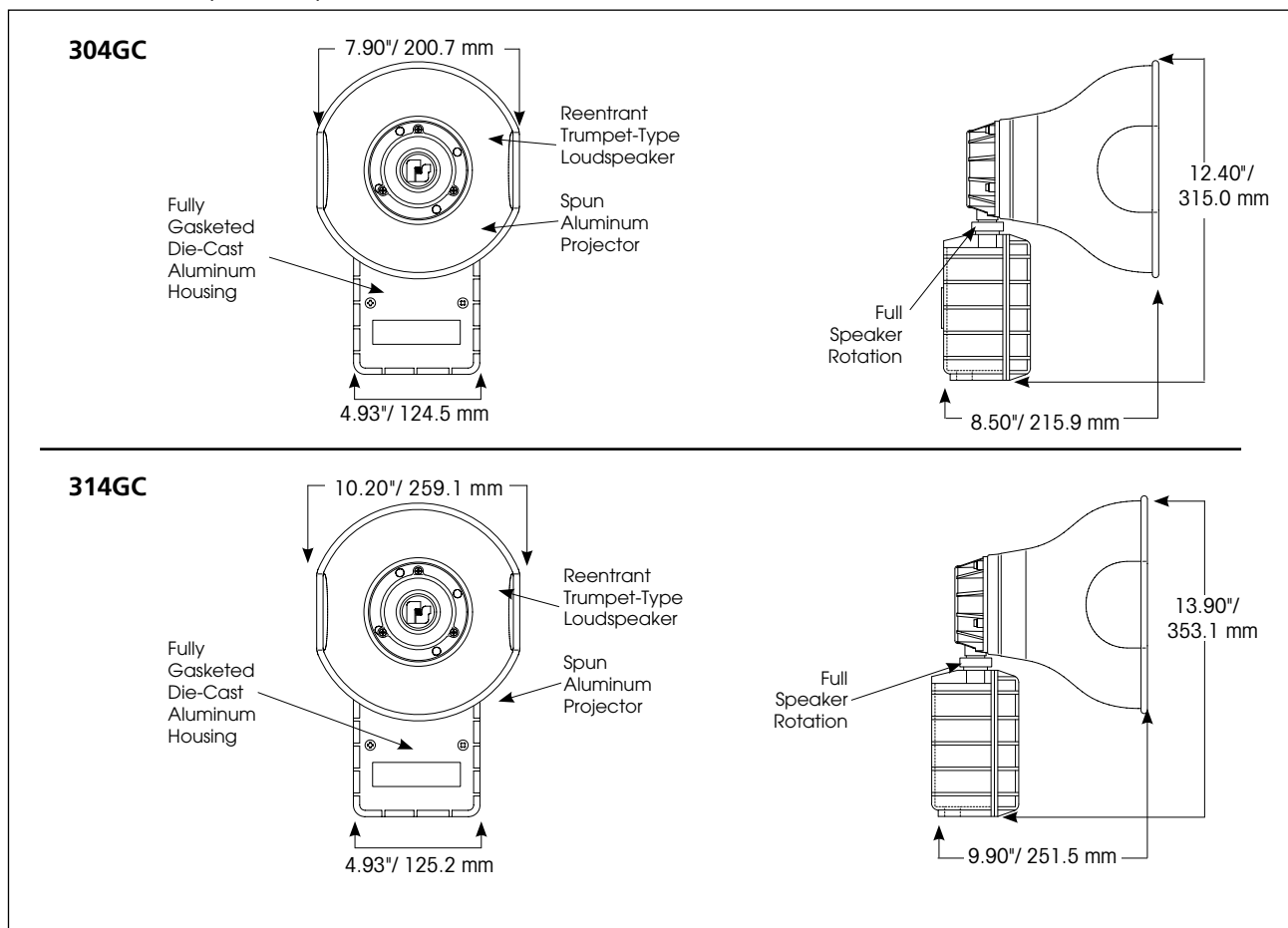
FEATURES

- Available in 24VDC
- Four wire supervisable power circuit
- Capable of producing tones or voice messages
- Built in gain control, 304GC adjustable between 0 dBa to 108 dBa @ 10' (0 dBa to 118 dBa @1m) 314GC adjustable between 0 dBa to 112 dBa @ 10' (0 dBa to 122 dBa @ 1m)
- Digital signal amplification

- Fused input and output
- Cast aluminum housing, spun aluminum protector
- Indoor/outdoor use
- Type 3R, IP54 enclosure
- CSFM Approved
- 304GC/314GC is UL Fire Listed
- 304GC-CN/314GC-CN is ULC Fire Listed

MODEL	VOLTAGE	OPERATING CURRENT	STANDBY CURRENT	DECIBELS PER UL 1480 10'	1M	DECIBELS ON AXIS 10'	1M
304GC-024*	24VDC	0.7A @ 24VDC Nominal 1.0A @ 24VDC Regulated (16-33VDC)	0.15 amps	95	105	108	118
314GC-024*	24VDC	1.3 amps	0.15 amps	100	110	112	122

* Indicates Fire Listing: leave blank for UL Fire Listed models or include (-CN) for ULC Fire Listed models

SelecTone® Amplified Speakers (304GC, 314GC, 304GC-CN, and 314GC-CN)

304GC

7.90"/ 200.7 mm

Reentrant
Trumpet-Type
Loudspeaker

Fully
Gasketed
Die-Cast
Aluminum
Housing

Spun
Aluminum
Projector

4.93"/ 124.5 mm

12.40"/
315.0 mm

Full
Speaker
Rotation

8.50"/ 215.9 mm

314GC

10.20"/ 259.1 mm

Reentrant
Trumpet-Type
Loudspeaker

Fully
Gasketed
Die-Cast
Aluminum
Housing

Spun
Aluminum
Projector

4.93"/ 125.2 mm

13.90"/
353.1 mm

Full
Speaker
Rotation

9.90"/ 251.5 mm

SPECIFICATIONS

304GC

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:	12.40"	315.0 mm
Width:	7.90"	200.7 mm
Depth:	8.50"	215.9 mm

314GC

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:	13.90"	353.1 mm
Width:	10.20"	259.1 mm
Depth:	9.90"	251.5 mm

HOW TO ORDER

314GC – **024** **-CN**

TYPE	VOLTAGE	FIRE LISITING
304GC	**024** (24VDC)	**Blank** UL
314GC		**-CN** ULC

REQUIRED ACCESSORIES

Description	Part Number
Universal Tone Module	UTM
Specify Connector Kit for use in systems:	
70 Vrms Connector Kit	AM70CK
25 Vrms Connector Kit	AM25CK

REPLACEMENT PARTS

Description	Part Number
4 Position connector	K140340B
Voice Coil	K8593035A
Speaker Assembly	K8593082A