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 V_{rms} 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

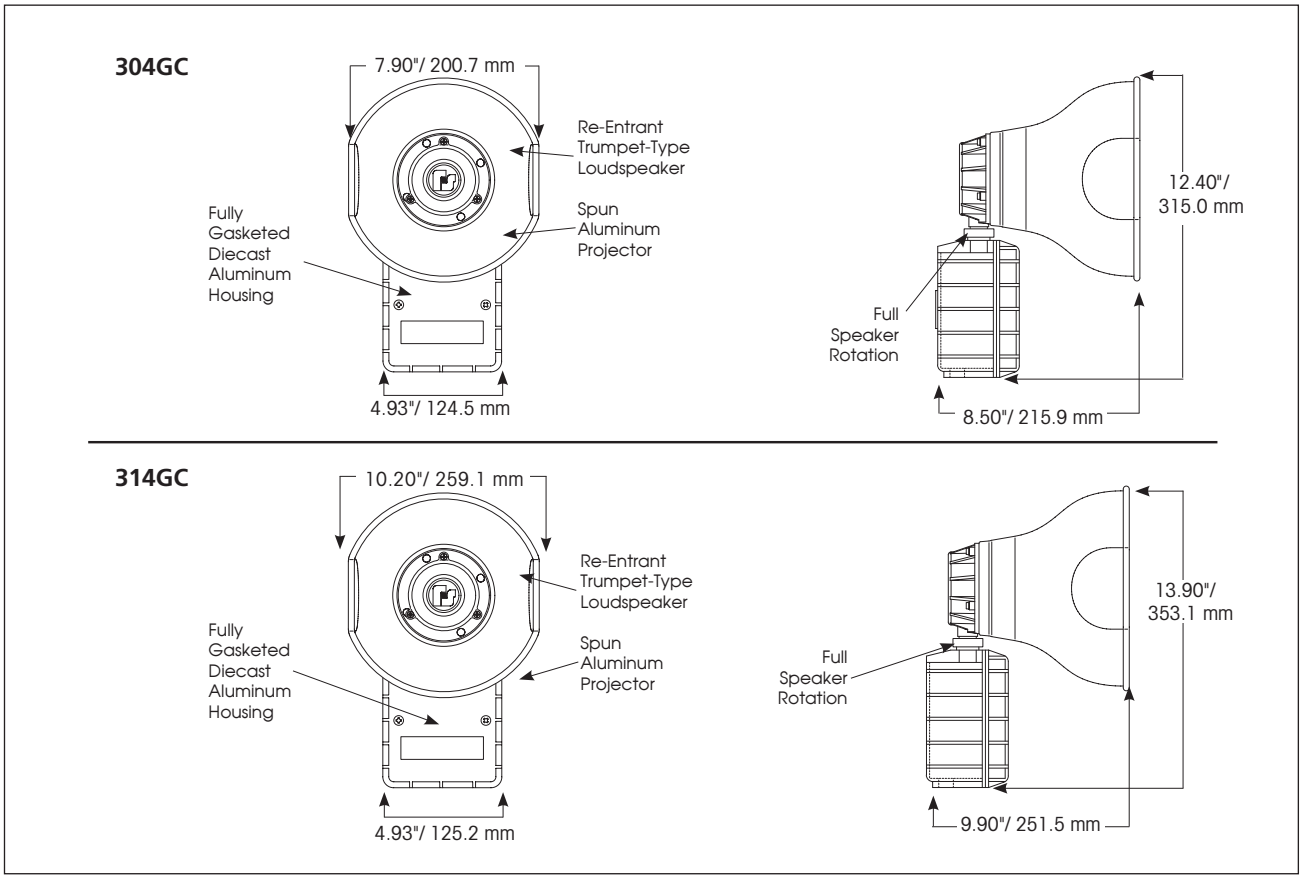
FEATURES

- Available in 24 Vdc
- Four-wire supervisable power circuit
- Capable of producing tones or voice messages
- Built in gain control, 304GC adjustable between 0 dBa to 108 dBa at 10' (0 dBa to 118 dBa at1 m) 314GC adjustable between 0 dBa to 112 dBa at 10' (0 dBa to 122 dBa at 1 m)
- 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'	DECIBELS PER UL 1480 1m	DECIBELS ON AXIS 10'	DECIBELS ON AXIS 1m
304GC-024*	24 Vdc	0.7A at 24 Vdc Nominal 1.0A at 24 Vdc Regulated (16-33VDC)	0.15 A	95	105	108	118
314GC-024*	24 Vdc	1.3 A	0.15 A	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)



SPECIFICATIONS

304GC

Certified Operating Temperature: -40° to 150°F		-40° to 66°C
Electrical Operating Temperature: -67° to 150°F		-55 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

314GC

Certified Operating Temperature: -40° to 150°F		-40° to 66°C
Electrical Operating Temperature: -67° to 150°F		-55° 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

HOW TO ORDER

314GC – 024 -CN

TYPE
304GC
314GC

VOLTAGE
024 (24 Vdc)

FIRE LISITING
Blank UL
-CN ULC

REQUIRED 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

REPLACEMENT PARTS

Description	Part Number
4-Position connector	K140340B
Voice Coil, 304GC	K8593035A
Voice Coil, 314GC	K8590246A
Speaker Assembly, 304GC	K8593082A
Speaker Assembly, 314GC	K8593103A
Amp Assembly, 15W, 24Vdc	K2005502D-04
Amp Assembly, 30W, 24Vdc	K2005502D-01