FEDERAL SIGNAL



Models 304GCX, 314GCX,
304GCX-CN and 314GCX-CN

SelecTone® Hazardous Location Amplified Speakers

Models 304GCX, 314GCX, 304GCX-CN, and 314GCX-CN SelecTone® Hazardous Location Amplified Speakers are designed to produce crisp, clear tones in supervised alarm notification systems. These amplified speakers are compatible with fire alarm, voice evacuation, suppression supervised control panels, and power boosters.

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 audio output of the EVAC panel.

The speaker cone and projector are constructed of rugged spun aluminum. The solid-state amplifier circuit is protected in a diecast aluminum housing. Dust and moisture-proof gaskets provide protection from the elements. All external surfaces are sealed with Gray powder coat paint. These speakers are easily installed with external mounting tabs.

The rugged construction and high output of the Models 304GCX and 314GCX make it ideal for use in harsh environments with high ambient noise levels.

*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
- Digital signal amplification
- Fused input and output
- Cast aluminum housing, spun aluminum projector
- External mounting tabs
- Indoor/outdoor use
- Type 4X, IP66 enclosure
- IP69K compliant
- CSFM Approved
- UL and cUL Listed for Class I, Division 2, Groups A, B, C and D; Class II, Division 2, Groups F and G; Class III
- 304GCX/314GCX are UL Fire Listed
- 304GCX-CN/314GCX-CN are ULC Fire Listed

MODEL	VOLTAGE	OPERATING CURRENT	STANDBY CURRENT	DECIBELS PER UL1480 10'	DECIBELS PER UL1480 1m	DECIBELS ON AXIS 10'	DECIBELS ON AXIS 1m
304GCX-024*	24 Vdc	0.7 A	0.15 A	95	105	108	118
314GCX-024*	24 Vdc	1.3 A	0.15 A	100	110	112	122

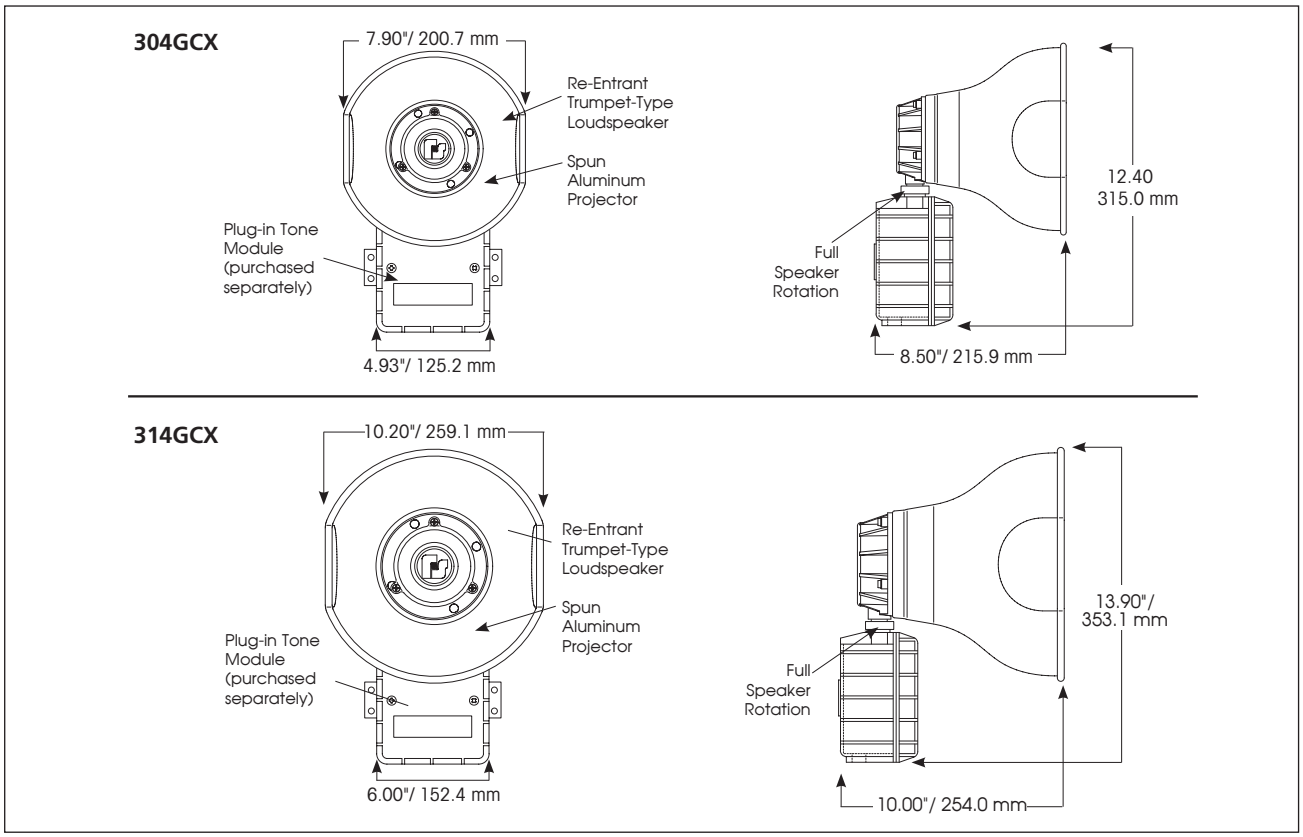
* Indicates Fire Listing: leave blank for UL Fire Listed models or include (-CN) for ULC Fire Listed models

HAZARDOUS LOCATION RATING: 304GCX and 314GCX

T-CODE AT MAXIMUM AMBIENT TEMPERATURE, °C

	304GCX		314GCX	
Hazardous Location	**40°C**	**66°C**	**40°C**	**66°C**
Class I, Division 2, Groups A, B, C, D	T2D	T2C	T3A	T3
Class II, Division 2, Groups F, G	T6	T6	T6	T6
Class III	T6	T6	T6	T6

SelecTone® Hazardous Location Amplified Speakers (304GCX, 314GCX, 304GCX-CN, and 314GCX-CN)



SPECIFICATIONS

304GCX

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

314GCX

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:	10.00"	254.0 mm

HOW TO ORDER

314GCX – 024 -CN

TYPE
304GCX
314GCX

VOLTAGE
024 (24 Vdc)

FIRE LISITING
Blank UL
-CN ULC

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, 304GCX	K8593035A
Voice Coil, 314GCX	K8590246A
Speaker Assembly, 304GCX	K8593082A
Speaker Assembly, 314GCX	K8593103A
Amp Assembly, 15W, 24Vdc	K2005502D-04
Amp Assembly, 30W, 24Vdc	K2005502D-01