



► Model 302GCX-CN

SelecTone® Hazardous Location Zone Listed 30W Amplified Speaker

Model 302GCX-CN SelecTone® Amplified Speaker is designed to produce tones, digital voice messages and live public address in harsh environments with high ambient noise levels.

The rugged speaker cone and projector are constructed of spun aluminum. The amplification circuitry, tone module, and gain control are contained in a housing constructed of die-cast aluminum. All surfaces are sealed with powder-coat paint. Dust- and moisture-proof gaskets provide protection from the elements.

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 Unit or CommCenter® Digital Message Center. Command Units and CommCenters broadcast tones, voice messages, melodies and live public address to an unlimited number of SelecTone Amplified Speakers.

Applications for SelecTone include emergency warning, evacuation, start/dismissal, public address, and process control signaling.

FEATURES

- Available in 24VAC/DC, 120VAC and 240VAC
- Reliable, solid-state circuitry
- Digital signal amplification
- Fused input and output
- Built-in gain control, adjustable between 0 dBa to 114 dBa @ 10' (0 dBa to 124 dBa @ 1m)
- Type 4X, IP66 enclosure
- IP69K compliant
- External mounting tabs
- Indoor/outdoor use
- UL and cUL Listed for Class I, Zone 2, AEx nA IIC Gc; Class II, Zone 22 AEx tc IIIC Dc

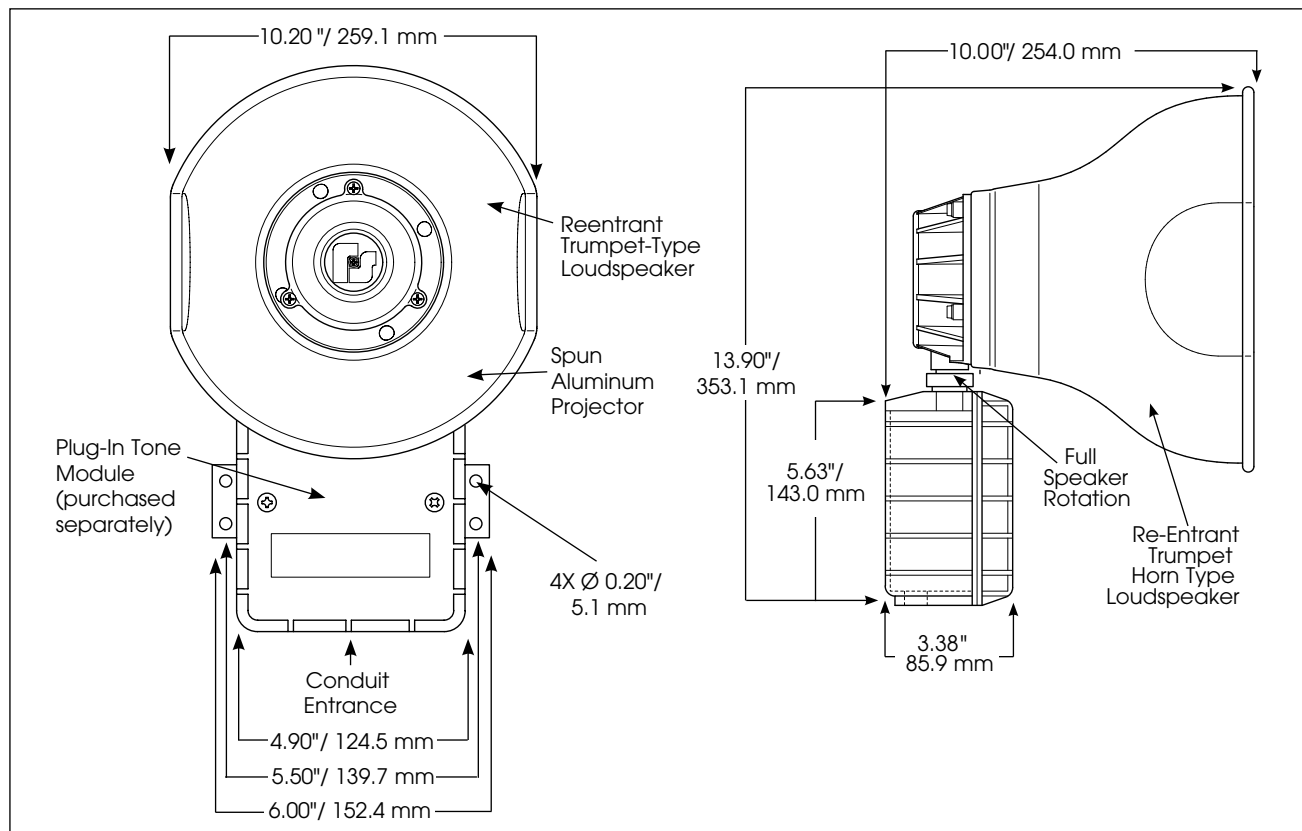
MODEL	VOLTAGE	OPERATING CURRENT	STANDBY CURRENT	DECIBELS	
				10'	1M
302GCX-024-CN	24VAC/DC	1.3 amps	100 mA	114	124
302GCX-120-CN	120VAC 50/60Hz	0.30 amps	50 mA	114	124
302GCX-240-CN	240VAC 50/60Hz	0.15 amps	35 mA	114	124

HAZARDOUS LOCATION RATING: 302GCX-CN

T-CODE AT AMBIENT TEMPERATURE, °C

Hazardous Location	40°C
Class I, Zone 2	T3
Class II, Zone 22	T85

SelecTone® Hazardous Location Zone Listed 30W Amplified Speaker (302GCX-CN)



SPECIFICATIONS

Electrical Operating Temperature:	-67°F to 150°F	-55°C to 66°C
Certified Operating Temperature:	-22°F to 150°F	-30°C to 66°C
Rated Power:		30 watt
Net Weight:		
24VAC/DC	5.5 lbs	2.5 kg
120/240VAC	5.5 lbs	2.5 kg
Shipping Weight:		
24VAC/DC	6.7 lbs	3.0 kg
120/240VAC	6.7 lbs	3.0 kg
Height:	13.90"	353.1 mm
Width:	10.20"	259.1 mm
Depth:	10.00"	254.0 mm

REPLACEMENT PARTS

Description	Part Number
PCBA, 30W, 24VAC/DC	K2001961B-03
PCBA, 30W, 120/240VAC	K2001961B-02
XFMR, 30W, 120VAC, 1.8 AMP	K120846A
XFMR, 30W, 240VAC, 1.8 AMP	K120856A
Amplifier Assembly, 30W	K2005502A-02
Gasket, Diaphragm, 30W	K8590243A
Gasket, Housing, 30W	K288A043
Speaker Assembly, 30W	K8593103A
Voice Coil, 30W	K8590246A

HOW TO ORDER

302GCX - 024 - CN

TYPE
302GCX

VOLTAGE
024 (24VAC/DC)
120 (120VAC)
240 (240VAC)

1. Select Model
2. Select Required Accessory (sold separately)

A. For stand alone operation, select Tone Module:

UTM – Universal Tone Module

TM33-SD – Custom Tone Module

B. For use in systems*, select Connector Kit.

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

*Call factory for design assistance