



► Model AM300GCX and AM302GCX

# AudioMaster® Public Address Hazardous Location Speaker

## High-output hazardous location amplified speakers

Federal Signal Models AM300GCX and AM302GCX are rugged, transformer coupled, re-entrant speakers for use in public address or paging applications. These speakers feature rugged cones and projectors constructed of spun aluminum. The wiring connections are enclosed in a dust- and moisture-proof, die-cast aluminum compartment. All external surfaces are finished with a red or gray powder coat paint.

The unique shape of the speaker projectors provides an impressive 60° sound dispersion pattern. The projectors are held in position with a Teflon coated lock ring that can be rotated 180° in order to obtain the desired sound distribution.

The AM300GCX and the AM302GCX can be used supervised alarm notification systems or CTS series amplifiers and the AudioRouter™ to complete an industrial grade public address system.

### FEATURES

- 15 watt (AM300GCX) or 30 watt (AM302GCX)
- 25 or 70 Vrms
- Transformer coupled
- Re-entrant horn design
- Wall mount
- 1/2-inch conduit openings
- Type 4X enclosure
- Class 1, Div 2, Groups A, B, C, D; Class II, Div 2, Groups F, G, Class III
- UL Fire Listed and CSFM Approved

MODEL	POWER HANDLING	FREQUENCY RESPONSE	TRANS-FORMER	POWER TAPS	BEAM WIDTH	SPL PER @ 10' 1M	UL1480 1M
<b>AM300GCX-*</b>	15 watt	600-5000Hz	25/70 Vrms	15, 9, 3, 1.5	60°	110dBa	120dBa
<b>AM302GCX-*</b>	30 watt	400-4000Hz	25/70 Vrms	30, 15, 9	60°	114dBa	124dBa

\* Indicates housing color: (-R) for Red housing, leave blank for Gray

#### AM300GCX

##### HAZARDOUS LOCATION RATING:

T-CODE AT MAXIMUM AMBIENT TEMPERATURE, °C

Hazardous Location	40°C	66°C
Class I, Div 2, Groups A, B, C, D	T6	T4A
Class II, Div 2, Groups F, G	T6	T6
Class III	T6	T6

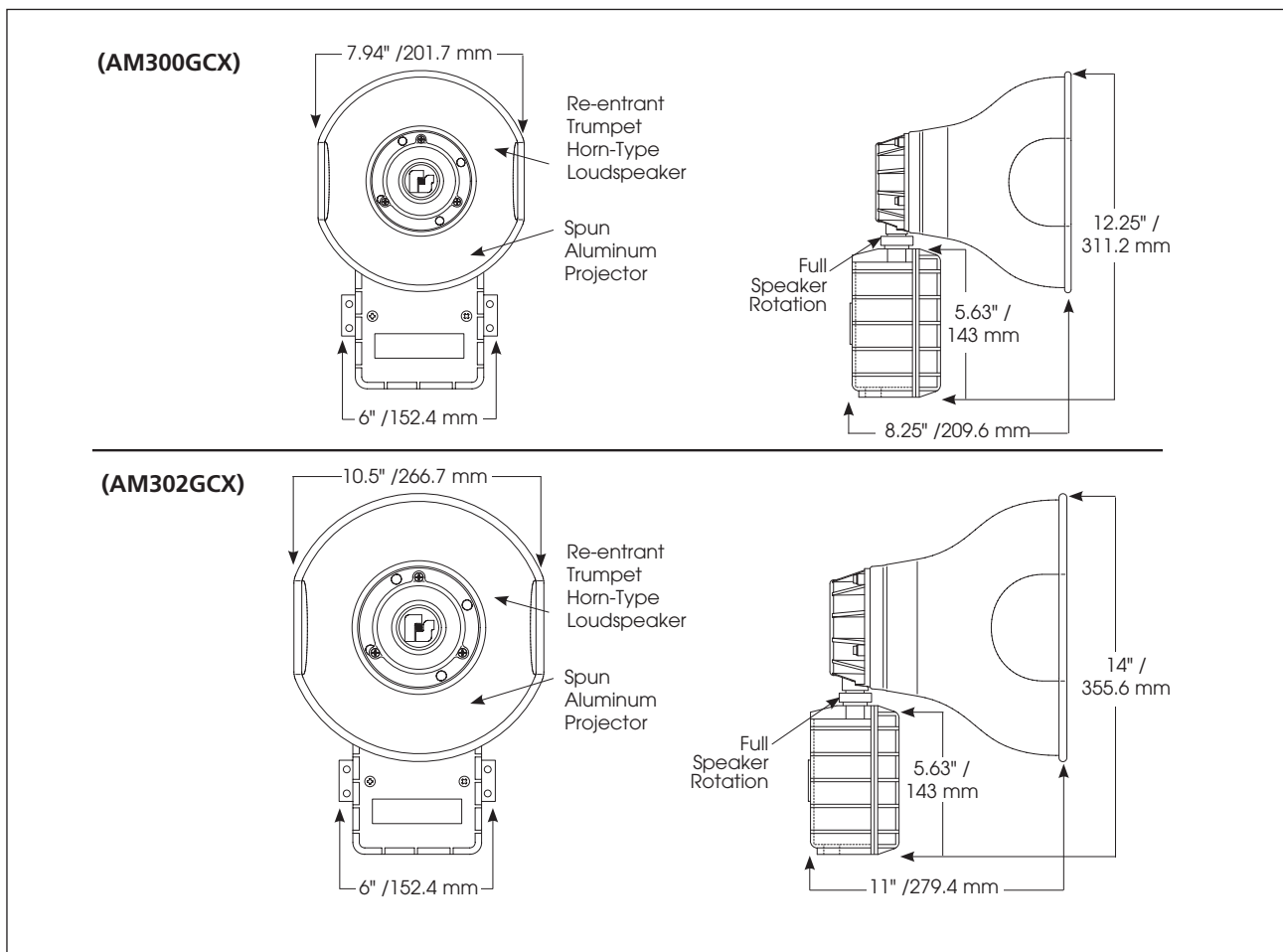
#### AM302GCX

##### HAZARDOUS LOCATION RATING:

T-CODE AT MAXIMUM AMBIENT TEMPERATURE, °C

Hazardous Location	40°C	66°C
Class I, Div 2, Groups A, B, C, D	T5	T4A
Class II, Div 2, Groups F, G	T6	T6
Class III	T6	T6

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## SPECIFICATIONS

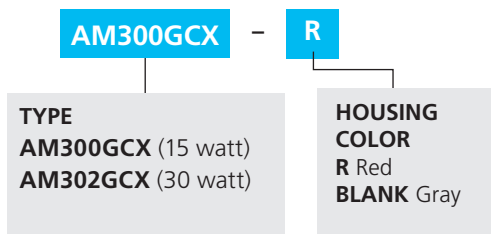
### AM300GCX

Net Weight:	4.85 lbs.	2.2 kg
Shipping Weight:	6.0 lbs.	2.72 kg
Height:	12.25"	311.2 mm
Width:	7.94"	201.7 mm
Depth:	8.25"	209.6 mm

### AM302GCX-R

Net Weight:	7.2 lbs.	3.3 kg
Shipping Weight:	8.1 lbs.	3.67 kg
Height:	14.0"	355.6 mm
Width:	10.5"	266.7 mm
Depth:	11.0"	279.4 mm

## HOW TO ORDER



Rev 083116