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► Model G-SPK

# Global Series Signaling Platform – Loudspeaker

G-Series Loudspeakers utilize the latest techniques in non-metallic housing construction to improve corrosion resistance and reduce weight when compared to traditional metal housings. The G-Series Loudspeakers flameproof “Ex d” versions come standard with two (2) M20 entries. The increased safety “Ex de” versions include a separate terminal chamber for quick field termination or pass-through wiring, and includes three (3) M20 entries in a standard configuration.

G-Series Loudspeakers are available as 15W devices, and are designed to accept an audio input of either 70 Vrms or 100 Vrms (model-specific). Five (5) remotely selectable tap settings are available at each of the high and low volume settings (user configurable)<sup>1</sup>.

The G-Series Loudspeaker can be combined with all other G-Series audible and visual products in several custom configurations. Custom configurations can be ordered directly from the factory. Optional coupling kits, which allow limited field fixturing, are available.

## FEATURES

- Loudspeaker available in 70 Vrms or 100 Vrms
- Optional 316 stainless steel ratchet adjustable mounting U-bracket (Field installation required)
- IP66 enclosure
- Non-metallic corrosion-resistant design
- 15 Watt Design
- Field customizable legend plates available<sup>2</sup>
- Two M20 entries standard on Ex d models, three M20 entries standard on Ex de models
- Zone 1, 21 Rated, IECEx, ATEX, Ex d IIC, Ex de IIC and Ex tb IIIC
- UL and cUL Listed for Class I, Division 2, Groups A, B, C and D; Class II, Division 2, Groups F and G; and Class III
- Optional indicator rings are available in six colors: Black, Blue, Green, Magenta, Red and Yellow

MODEL	AUDIO LEVEL	MAX CURRENT DRAW	DECIBELS <sup>3</sup>	
			10'	1M
<b>G-SPK</b>	70 Vrms	0.160 amps	96	106
	100 Vrms	0.110 amps	96	106

VOLUME SETTING	AVAILABLE TAPS
High	15, 10, 7, 5, 2
Low	1, 0.7, 0.5, 0.3, 0.1

<sup>1</sup> Refer to application guide for specific wiring details

<sup>2</sup> Recommended labels: BRADY #B-855 Toughwash labels or ULINE #S-16643 weather resistant

<sup>3</sup> Measured using a reference frequency of 1.25 kHz at nominal input voltage

### UL/cUL HAZARDOUS LOCATION RATING

#### TEMPERATURE CODE AT 70°C

Class I, Division 2, Groups A, B, C, D	T3
Class II, Division 2, Groups F, G	T6
Class III	T6

### ATEX/IECEx HAZARDOUS LOCATION RATING

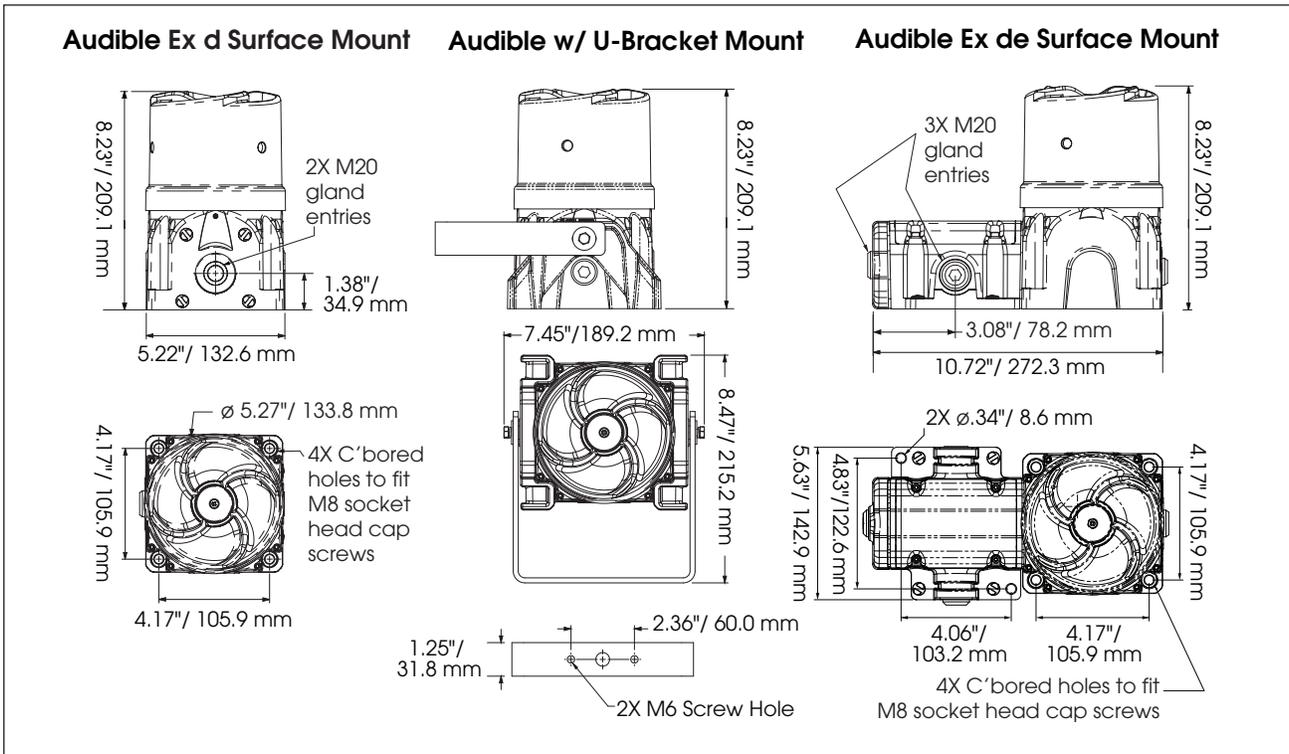
#### TEMPERATURE CODE

AT 49°C	AT 70°C
T5 (in IIB)	T4 (in IIB)
T4 (in IIC)	T4 (in IIC)



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Global Series Signaling Platform – Audible Device (G-SPK)



SPECIFICATIONS

Operating Temperature Range:<sup>1</sup> -67°F to 158°F -55°C to +70°C

ATEX/IECEx Certification Marking:  
 Ex db IIB T5 Gb or Ex db e IIB T5 Gb  
 Ex tb IIIC T100°C Db IP66  
 Ex db IIC T4 Gb or Ex db e IIC T4 Gb  
 Ex tb IIIC T135°C Db IP66  
 ATEX: Baseefa15ATEX0155X  
 IECEx: IECEx BAS 15.0104X

External Fasteners: 316 stainless steel

Terminals: EX d: 10-way block (5 in, 5 out)  
 Ex de: 3-pole, 4 position quad pole terminal blocks

Cable Entries: Ex d: 2 entries - M20 x 1.5  
 Ex de: 3 entries - M20 x 1.5

UL and cUL Certification Marking:  
 Class I, Division 2, Groups A, B, C, D T3 @ 70°C  
 Class II, Division 2, Groups F, G T6 @ 70°C  
 Class III T6 @ 70°C  
 UL and cUL E12629

Net Product Weight:

Ex d Surface Mount	9.20 lbs	4.17kg
Ex d U-Bracket Mount	11.18 lbs	5.07kg
Ex de Surface Mount	12.02 lbs	5.45kg

REPLACEMENT PARTS

Description	Part Number
70 Vrms G-SPK Loudspeaker Kit (Kit includes PCBAs, bracket, driver, and mounting screw)	K859501405-070
100 Vrms G-SPK Loudspeaker Kit (Kit includes PCBAs, bracket, driver, and mounting screw)	K859501405-100
e-Box Endcap with M20 Opening	K859500805-02
e-Box Endcap with M25 Opening	K859500805-01
e-Box Cover Assembly (Includes two terminal blocks, mounting plate and retention hardware)	K859501414

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HOW TO ORDER

