

GSS/GSPK Series

Ceiling/Wall Mount Selectable Candela Speaker/Strobe & Speaker

20 units per carton, 38 pounds per carton

Applications

The GSS/GSPK Commander 5 Series is an universal ceiling and wall mount speaker or speaker/strobe combination designed for audio and voice communications. The high fidelity speaker is tested to a wide frequency range of 315Hz to 5000Hz, exceeding the UL1480 requirements. The GSS/GSPK Series offers both dependable evacuation signaling and visual alarms or a combination of both.

The GSS speaker/strobe offers tamperproof field selectable strobe options of 15, 30, 75, 115, 150, and 177 candela. The strobe can be synchronized when used in conjunction with the Gentex GTSM Control Module. The unit can be mounted in a 4" square x 2-1/8" deep back box, an extension ring is not needed. The GSS/GSPK Series provides a 25 or 70.7 VRMS speaker with field selectable power taps of 1/8W, 1/4W, 1/2W, 1W, 2W or 4W.

Each Commander 5 Series GSS/GSPK includes a mounting plate incorporating the popular Super-Slide® feature that allows the installer to easily test for supervision. The product also features a locking mechanism which secures the product to the bracket without any screws showing. The Commander 5 also features the patented Checkmate® Instant Voltage Verification feature which allows the installer to check the voltage drop draw and match it to the blueprint.

The GSS/GSPK devices are listed to ANSI/UL 1638, ANSI/UL 1480 and CAN/ULC 526 and/or CAN/ULC 541 and warranted for 3 years from the date of purchase.

Standard Features

- Strobe nominal voltage 24 VDC
- Tamperproof field selectable candela options of 15, 30, 75, 115, 150 & 177
- Speaker/Strobe unit dimensions: 5.9" (14.9 cm) square x 3.4" (8.6 cm) deep
- Speaker unit dimensions: 5.9" (14.9 cm) square x 2.7" (6.8 cm) deep
- Speaker voltage 25 or 70.7 VRMS standard, field selectable
- Field selectable power taps: 1/8W, 1/4W, 1/2W, 1W, 2W, 4W
- High fidelity speaker
- Frequency range 315-5000Hz
- Super-Slide® Bracket, Ease of Supervision Testing
- Checkmate® Instant Voltage Verification
- Prewire entire system, install mounting bracket, then install speaker
- Documented lower installation and operating costs
- Mount to a standard 4" x 2-1/8" deep back box
- Input terminals 12 to 18 AWG
- Synchronize with the Gentex GTSM Control Module
- Faceplate available in red or white
- Universal wall/ceiling mount

GSS Ceiling/Wall Mount, Selectable Candela, Speaker/Strobe

Model	Part Number	Lettering
GSSR	904-1507-002	FIRE Text
GSSW	904-1508-002	FIRE Text
GSSAR	904-1509-002	ALERT Text
GSSAW	904-1510-002	ALERT Text
GSSPR	904-1511-002	Plain
GSSPW	904-1512-002	Plain

GSPK Ceiling/Wall Mount Speaker

Model	Part Number	Lettering
GSPKR	904-1457-002	Plain
GSPKW	904-1458-002	Plain

R = Red Faceplate, W = White Faceplate.

All units are available in P = plain (no lettering). Plain units are not returnable.

GSS Strobe Current Ratings (mA)

Candela	24 VDC (16 – 33 Volts)	
	UL Max	24 VDC
15	35 mA	28 mA
30	41 mA	34 mA
75	74 mA	55 mA
115	107 mA	76 mA
150	138 mA	98 mA
177	162 mA	117 mA

Speaker dBA @ 10 ft.

Input Watts	25 Volts	70.7 Volts
1/8	75 dBA	75 dBA
1/4	78 dBA	78 dBA
1/2	80 dBA	80 dBA
1	83 dBA	83 dBA
2	86 dBA	86 dBA
4	89 dBA	89 dBA



Product Listings



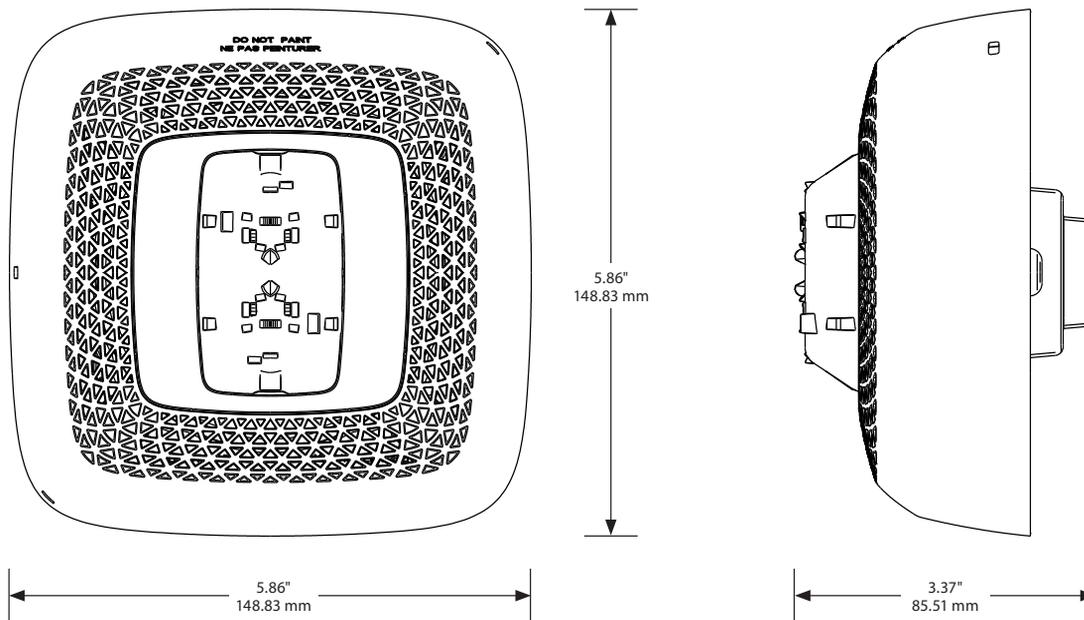
- ANSI/UL 1480, ANSI/UL 1638
- CAN/ULC 526 and/or CAN/ULC 541 Listed
- CSFM: Listed

Product Compliance

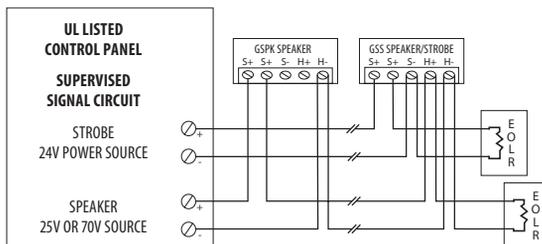
- Americans with Disabilities Act (ADA)
- NFPA 72
- IBC/IFC/IRC
- Quality Management System is certified to: ISO 9001:2015

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Wiring Diagram



Notes

- Operating temperature: 32° to 120°F (0° to 49°C)
- For nominal and peak current across ANSI/UL regulated voltage range for filtered DC power, see installation manual
- This appliance is not recommended for use on coded or pulsing signaling circuits

* MAX. WIRE DISTANCE (IN FEET) = $\frac{\text{PANEL VOLTAGE} - \text{DEVICE MINIMUM VOLTAGE}}{\text{TOTAL CURRENT DRAW}} \times \text{WIRE CONDUCTIVITY (STROBE ONLY)}$

Architect & Engineering Specifications

The fire alarm speaker and speaker/strobe shall be Gentex GSS/GSPK or approved equivalent and shall be listed by Underwriters Laboratories, Inc. (ANSI/UL) per ANSI/UL 1638, ANSI/UL 1480 and with CAN/ULC 526 and/or CAN/ULC 541 Listed. The speaker shall be capable of producing alarm tones or voice on all 25 or 70.7 VRMs audio systems. The speaker shall provide incremental tap settings of 1/8, 1/4, 1/2, 1, 2 or 4 watts. Minimum dBA rating at 1/4 watt shall be 78 dBA at 70.7 volts and a minimum dBA rating at 4 watts shall be 89 dBA at 70.7 volts. Tap settings shall be adjustable with field selectable jumper pins. The speaker also has a visual signal with an operating current of 35 mA or less at 24 VDC for the 15 Cd strobe circuit. The strobe appliance shall have an input voltage range of 16-33 volts with direct current power for 24 volt models. The visual signal shall have a 1 Hz flash rate regardless of input voltage. The unit shall be provided with a mounting bracket with terminals with barriers for input/output wiring and be able to mount to a 4" square x 2-1/8" deep box. The appliance shall be capable of test supervision without disconnecting wires, verify voltage without removing unit and be capable of mounting to a surface back box.

GENTEX
CORPORATION

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