

Audio Evacuation

Outdoor/Indoor Speakers and Strobes

Genesis Series

The Genesis WG4 line of speakers and speaker-strobe appliances are audible-visible emergency signaling devices that are rated for indoor and outdoor use in a wide range of wet and harsh environment applications. They have field-configurable light and sound output settings, and can be mounted on ceilings or walls.

The Genesis WGW line features a full backplane sealing gasket for installation in recessed (in-the-pour/block) electrical boxes. WG4 signals also mount to suitable surface boxes served by raceways. All appliance wiring is accomplished room-side for easy installation.

WG4 Series appliances have dual-voltage mylar-cone loudspeakers with field-selectable output taps and multi-candela strobes with standard and high output. Wattage and candela settings are viewable after installation through a sealed viewport display.

The strobes are designed to flash at the same rate (synchronize) when used with a compatible synchronization source, such as the EG1M-RM synchronization module, E-FSC and E-FSA fire panels, and EBPS series booster supplies.

Features and Specifications

- Suitable for outdoor and indoor applications
- Xenon light source
- Clear lens
- White or red housing
- Low profile design
- Wall or ceiling mount
- Field-selectable speaker wattage, voltage, and strobe candela settings
- Standard and high-output strobe
- 1/4, 1/2, 1, 2 watt taps
- Up to 100dB @ 1m/90dB @ 10ft. output
- Room-side wiring accepts 18 to 12 AWG (0.75 to 2.5 mm²)
- Operating temperature range: -31°F to 151°F (-35°C to 66°C)



12

FIRE ALARMS

Ordering Information

Description	Cat. No.	Operating Voltage		Current ²	Candela Rating	dB at 1m/10ft.	Marking	Color
		Strobe ¹	Speaker					
Speaker and Strobe	WG4RF-SVMC	24V	25/70V RMS	0.106 A - 0.319 A DC; 0.120 A - 0.386 A fwr	Selectable: 15, 29, 70, 87	91-100/ 81-90	FIRE	Red
	WG4WF-SVMC	24V	25/70V RMS	0.106 A - 0.319 A DC; 0.120 A - 0.386 A fwr	Selectable: 15, 29, 70, 87	91-100/ 81-90	FIRE	White
	WG4RN-SVMC	24V	25/70V RMS	0.106 A - 0.319 A DC; 0.120 A - 0.386 A fwr	Selectable: 15, 29, 70, 87	91-100/ 81-90	None	Red
	WG4WN-SVMC	24V	25/70V RMS	0.106 A - 0.319 A DC; 0.120 A - 0.386 A fwr	Selectable: 15, 29, 70, 87	91-100/ 81-90	None	White
	WG4RF-SVMHC	24V	25/70V RMS	0.324 A - 0.496 A DC; 0.412 A - 0.646 A fwr	Selectable: 102, 123, 147, 161	91-100/ 81-90	FIRE	Red
	WG4WF-SVMHC	24V	25/70V RMS	0.324 A - 0.496 A DC; 0.412 A - 0.646 A fwr	Selectable: 102, 123, 147, 161	91-100/ 81-90	FIRE	White
	WG4RN-SVMHC	24V	25/70V RMS	0.324 A - 0.496 A DC; 0.412 A - 0.646 A fwr	Selectable: 102, 123, 147, 161	91-100/ 81-90	None	Red
	WG4WN-SVMHC	24V	25/70V RMS	0.324 A - 0.496 A DC; 0.412 A - 0.646 A fwr	Selectable: 102, 123, 147, 161	91-100/ 81-90	None	White

¹Regulated 16-33V DC/fwr

²Current values are UL, RMS ratings.

³10ft. dB measurement per UL 464



Patents pending

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Ordering Information (Continued)

Description	Cat. No.	Operating Voltage		Current ²	Candela Rating	dB at 1m/10ft.	Marking	Color
		Strobe ¹	Speaker					
Speaker Only	WG4RF-S	—	25/70V RMS	—	—	91-100/ 81-90	FIRE	Red
	WG4WF-S	—	25/70V RMS	—	—	91-100/ 81-90	FIRE	White
	WG4RN-S	—	25/70V RMS	—	—	91-100/ 81-90	None	Red
	WG4WN-S	—	25/70V RMS	—	—	91-100/ 81-90	None	White

¹Regulated 16-33V DC/fwr

²Current values are UL, RMS ratings.

³10ft. dB measurement per UL 464

Accessories

Description	Cat. No.	Color
Surface Skirt for Genesis WG4 appliance family	WG4WTS	White
Surface Skirt for Genesis WG4 appliance family	WG4RTS	Red
Replacement Mounting Gasket	WG4GSKT	
Surface mount box, outdoor rated	449	
Synchronization Module	EG1M-RM	

Weights and Dimensions

Cat. No.	Approx. Shipping Weight (lb.)	Dimensions		
		Length (in)	Width (in)	Depth (in)
WG4RF-SVMC	1.5	8.625	5.625	1.313
WG4WF-SVMC	1.5	8.625	5.625	1.313
WG4RN-SVMC	1.5	8.625	5.625	1.313
WG4WN-SVMC	1.5	8.625	5.625	1.313
WG4RF-SVMHC	1.5	8.625	5.625	1.313
WG4WF-SVMHC	1.5	8.625	5.625	1.313
WG4RN-SVMHC	1.5	8.625	5.625	1.313
WG4WN-SVMHC	1.5	8.625	5.625	1.313
WG4RF-S	1.5	8.625	5.625	1.313
WG4WF-S	1.5	8.625	5.625	1.313
WG4RN-S	1.5	8.625	5.625	1.313
WG4WN-S	1.5	8.625	5.625	1.313
WG4WTS	0.2	8.875	5.875	2.25
WG4RTS	0.2	8.875	5.875	2.25
WG4GSKT	0.2	8.875	5.875	2.25
449	1.2	4.5	4.5	2.25