



by Honeywell

System Sensor SP2C Series

Description

The System Sensor SP2C Series speaker/strobes are designed to meet the demands of fire protection and life safety applications. Housed in rugged plastic, these speakers are made for ceiling mounting and are Listed for indoor use.

The speakers are available for 25 or 70.7 nominal V_{RMS} applications and are designed for high dB output with uniform frequency response across the 400-4,000 Hz range. They contain taps selectable from 0.25 to 2.0 watts and a blocking capacitor for D.C. supervision. All models have separate screw terminals for speakers and strobes.

The System Sensor Model SP2C speaker/strobes may be mounted either surface or flush. The unit can be flush mounted on a 4-inch square electrical box, 1 1/2-inches deep, with a Model BBSCW accessory skirt for surface mount.

The strobes operate on 24 VDC, contain xenon flash tubes and are Listed for indoor use. Their design enables them to meet the requirements of UL STD 1971 at low power consumption. They have a nominal flash rate of one flash per second. Units are intended for non-sleeping areas/ADA applications (15, 15-75, 30, 75, 95, or 115 cd). For sleeping areas, 177 cd units are available.

The strobes are visible from all sides of the clear lens. The word FIRE is silk-screened in red on a white housing and vice versa.

The strobes may be used in conjunction with the MDL synchronization module which can synchronize two (2) Style Y (Class B) or one (1) Style Z (Class A) circuit. It can also generate an ANSI S3.41 temporal pattern. The module mounts in a 4 11/16" square electrical box, 2 1/8" deep.

Ceiling Mount Speakers/Strobe Notification Appliances

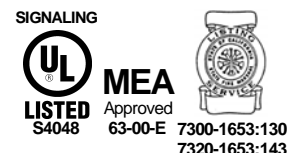


SP2C

Features

- Listed under UL Standards 1480 and 1971.
- High intensity strobe option meets or exceeds ADA requirements.
- Standard 4-inch square mounting.
- Low profile ceiling mount.
- Optional synchronization module.
- High dBA output.
- Selectable taps.
- 25 or 70.7 Volt operation.
- Strobes equipped with Xenon flash tubes.

An ISO 9000-2000 Company



GAMEWELL-FCI

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Signal Coverage

Most codes require that the notification appliances be intelligible and audible in all occupied areas. This may mean that additional loudspeaker appliances may be necessary to compensate for sound absorbing construction techniques. Verify recommended minimum requirements with applicable enforcement agencies.

Specifications

Speaker

Input voltage:	25 or 70.7 volts (nominal)
Frequency range:	400-4000 Hz
Power:	1/4, 1/2, 1 and 2 watts
Operating temperature:	32° to 120° F (0° to 49° C)
Size:	(Ceiling mount): 6.8" diameter x 2.4" H (17 diameter x 6.1 H cm) (Wall mount): 4 7/8" x 8 1/4" x 2 1/4" (12.3 x 21 x 6.1 cm)

Sound Levels

Transformer power tap:	2W	1W	1/2W	1/4W
UL reverberant (dBA @ 10 ft.)	84	81	78	75
Anechoic (dBA @ 10 ft.)	87	84	81	78

Strobe

Operating voltage range:	16 to 33 volts DC*
(with MDL module)	17 to 33 volts DC*
Flash rate:	1 flash / second

Operating current (24 VDC)	FWR Max.	DC Max.
15 cd	0.068 amp.	0.064 amp.
15/75 cd	0.077 amp.	0.078 amp.
30 cd	0.107 amp.	0.113 amp.
75 cd	0.197 amp.	0.205 amp.
95 cd	0.239 amp.	0.274 amp.
115 cd	0.298 amp.	0.325 amp.
177 cd	0.399 amp.	0.489 amp.
MDL Sync. Module	0.015 amp. (avg.)	0.011 amp. (avg.)
	0.262 amp. (in-rush)	0.198 amp. (in-rush)
	0.037 amp. (peak)	0.035 amp. (peak)

Ordering Information

Part Number Description

134-90205	SP2C2415	Speaker/strobe, white, 15 cd
134-90206	SP2C241575	Speaker/strobe, white, 15/75 cd
134-90207	SP2C2430	Speaker/strobe, white, 30 cd
134-90209	SP2C2475	Speaker/strobe, white, 75 cd
134-90210	SP2C2495	Speaker/strobe, white, 95 cd
134-50033	SP2C24115	Speaker/strobe, white, 115 cd
134-50032	SP2C24177	Speaker/strobe, white, 177 cd

Accessories

190-90019	MDL	Synchronization Module, 24 VDC, red
190-90020	MDLW	Synchronization Module, 24 VDC, white
139-90035	BBSCW	Back box skirt, white

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