



Speakers and Speaker/Strobes



Silent Knight systems warn of fire danger with voice, tone or strobe

Under the Americans with Disabilities Act (ADA), you have a legal obligation to alert everyone in your building to potential danger—including people with hearing loss.

Silent Knight speakers and speaker/strobes signal fire danger with either voice, tone or a visible strobe, giving you flexibility to meet ADA requirements. Each unit is fully compatible with Silent Knight fire systems, ensuring that quality and integration are maintained throughout your system.

These quality speakers and speaker/strobe combinations are an excellent value. They maintain the unsurpassed performance that has made Silent Knight the clear leader in fire system design and manufacturing. For more information on our speakers and speaker/strobes, please call 1-800-446-6444, or in Minnesota, call (612) 493-6435.

Speakers and Speaker/Strobes

Silent Knight's commercial speakers/speaker strobe systems are the right choice for voice, tone, and visible signaling. They feature high quality speakers and speaker/strobe combinations for evacuation signaling designed to meet UL1480 Fire Standard Specifications. Speakers are available with ADA/UL 1971 listed strobes for public mode and UL 1638 listed strobes for private mode applications.

Features

- Xenon strobe maintains constant flash rate (1Hz) regardless of input voltage
- High dB output
- Frequency range 400-4000Hz
- Screw terminals, separate in/out wiring (12 gauge)
- Field selectable power taps: 1/8W, 1/4W, 1/2W, 1W, 2W, 4W
- Speaker voltage 25 or 70.7 VRMS standard, field selectable



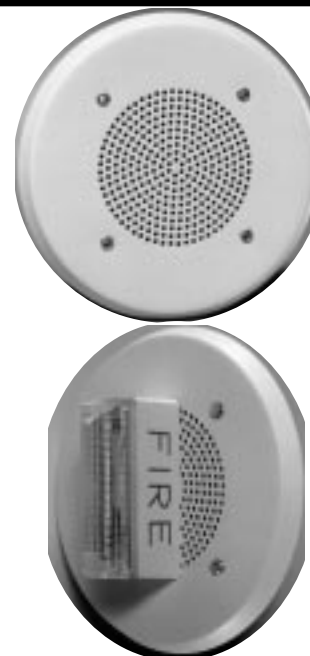
**SILENT
KNIGHT**

- Strobe synchronization available with optional control module
- Most models, round and square, can be flush-wall or ceiling mounted using standard 4" square backbox with extension ring
- Attractive fire alarm red or off-white textured paint finish
- Speaker is UL Listed for Fire Protection Services, UL 1480; strobe UL Listed 1971 and UL 1638
- Models with rating of 15/75 cd and above meet or exceed requirements for ADA 4.28.3

Specifications

Per model details on reverse side.

Input terminals:	18-12 AWG
Operating voltage:	25/70.7 VRMS, 24 VDC
Current draw: (strobes)	78-220 mA (per model candela rating)
Candela rating:	15-110 cd (per model)
Operating temperature:	32° to 120°F (0° to 49°C)



Frequency:	400-4000Hz
Mounting:	4" square box with 1-1/2" extension ring
Dimensions:	
SPKE4 series:	4-3/4" x 4-3/4" x 2-7/8" (HxWxD)
SPKE8 series:	7-1/4" diameter, 2-7/8" deep
Color:	Red or off-white

Speakers and Speaker/Strobes



Engineering Specifications

The fire alarm speaker shall be Silent Knight SPKE4/8 or equivalent. The speaker shall be capable of producing alarm tones or voice on all 25 or 70 VRMS audio systems. The speaker shall provide incremental tap settings of 1/8, 1/4, 1/2, 1, 2 or 4 watts. Minimum decibel ratings shall be 85 dB at 1/4 watts and 92 dB at 4 watts. Tap settings shall be adjustable with field selectable jumper pins. The speaker shall also have an optional visual signal capability. The visual signal shall have a 1Hz flash rate regardless of input voltage. All field wiring connections shall be made via separate in-out terminal connections and the speaker or speaker/strobe shall be UL, CSFM and BS&A listed and comply with all local, state and federal fire alarm codes/standards.

Available Models

Description	Model	Candela Rating	Strobe Current	Voltage	Listing	
Square, 4 in. grille	SPKE4	—	—	25 or 70.7 VRMS	—	
	SPKE4-15	15 cd	78 mA	24 VDC	UL 1971	
	SPKE4-15/75-W	15 or 75 cd	93 mA	24 VDC	UL1971 (15) UL 1638 (75)	
	SPKE4-15/75-C	15 or 75 cd	115 mA	24 VDC	UL 1971 (15) UL 1638 (75)	
	SPKE4-15/75-Z	15 or 75 cd	130 mA	24 VDC	UL 1971 (15) UL 1638 (75)	
	SPKE4-30	30 cd	93 mA	24 VDC	UL 1971	
	SPKE4-30/75	30 or 75 cd	142 mA	24 VDC	UL 1971 (30) UL 1638 (75)	
	SPKE4-60	60 cd	115 mA	24 VDC	UL 1971	
	SPKE4-110	110 cd	220 mA	24 VDC	UL 1638	
	Round, 8 in. grille	SPKE8	—	—	25 or 70.7 VRMS	—
		SPKE8-15	15 cd	78 mA	24 VDC	UL 1971
		SPKE8-15/75-W	15 or 75 cd	93 mA	24 VDC	UL1971 (15) UL 1638 (75)
		SPKE8-15/75-C	15 or 75 cd	115 mA	24 VDC	UL 1971 (15) UL 1638 (75)
		SPKE8-15/75-Z	15 or 75 cd	130 mA	24 VDC	UL 1971 (15) UL 1638 (75)
SPKE8-30		30 cd	93 mA	24 VDC	UL 1971	
SPKE8-30/75		30 or 75 cd	142 mA	24 VDC	UL 1971 (30) UL 1638 (75)	
SPKE8-60		60 cd	115 mA	24 VDC	UL 1971	
SPKE8-110		110 cd	220 mA	24 VDC	UL 1638	

Specify the following when placing an order:

Mounting style: "W" for wall mount or "C" for ceiling mount (ceiling mount available for 15/75 and 30/75 models only).

Faceplate color: "R" for red or "W" for off-white.

Synchronization: "Z" for synchronized strobe (available for 15/75 wall models only).

Lettering: "P" for plain (no lettering).



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World Wide Web: <http://www.silentknight.com>

MADE IN AMERICA

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