



## Strobes and Horn/Strobes



### Our ADA-compliant strobes and horn/strobes ensure everyone is alerted to fire danger.

The Americans with Disabilities Act (ADA) guarantees equal access for people with disabilities. This means you have a legal obligation to alert everyone in your building to potential fire danger—including people with hearing loss.

Silent Knight strobes and horn/strobes comply with the requirements of the ADA and help alert the hearing impaired with a bright, flashing strobe. Each unit is fully compatible with Silent Knight fire systems, ensuring that quality is maintained throughout your system.

These products feature leading-edge technology and are an excellent value. Available from Silent Knight, the industry leader in the design and manufacture of quality fire systems. For more information on our strobes and horn/strobes, please call 1-800-446-6444, or in Minnesota, call (612) 493-6435.

### Strobes and Horn/Strobes

Silent Knight's series of low profile strobes or horn/strobe combinations offer dependable audible and visual alarms. With a minimum operating current and a minimum flash rate of 1Hz, Silent Knight horns and horn/strobes are the lowest current drawing models available.

Horn/strobe models are easily field-changeable from temporal 3 (ANSI) to a continuous tone by removal of a jumper plug.

The horns and horn/strobes are intended for wall mounting and are shipped with a 4" mounting plate. Single gang plates are available.

### Features

- Quick and easy installation!
- Low current draw—15/75 candela strobe draws only 57mA at 24 VDC
- Lower installation cost—hang more signals per power source
- Separate horn and strobe capabilities for flexibility of use
- Tamper-proof re-entrant grille
- Temporal 3 (ANSI) or continuous tone

- Optional control module provides synchronization and ability to silence horn using only two power wires
- Sleek, low profile
- Available in red or off-white
- Wall mount only
- UL 464, 1971, and 1638 Listed
- Models with rating of 15/75 cd and higher meet or exceed requirements for ADA 4.28.3

### Specifications

*Per model details on reverse side.*

Input terminals:	18-12 AWG
Candela rating:	15-110 cd (depending on model)
Current draw:	
Strobe:	47-100 mA (per candela rating)
Horn:	30 mA
Decibel rating:	92 dB at 10 feet (anechoic room)
	85 dB at 10 feet (UL reverberant room)



Operating voltage:	24 VDC
Operating temperature:	32° to 120°F (0° to 49°C)
Dimensions:	
With plate:	5.4 x 3.2 x 3.4 (HxWxD)
Without plate:	5.6 x 4.5 x 3.4 (HxWxD)
Mounting:	Single-, double-gang, or 4" sq. box (Optional single gang plate requires single-gang box.)
Color:	Red or off-white



## Strobes and Strobe/Horns



### Engineering Specifications

The visible and audible/visible signal shall be Silent Knight model ST or HS or approved equal and shall be listed by Underwriters Laboratories Inc. per UL 1971 and/or UL 1638 for the ST and also UL 464 for the HS. The notification application shall also be listed with the California State Fire Marshal (CFSM) and the Bureau of Standards and Appeals (NYC).

The notification appliance (combination audible/visible units only) shall produce a peak sound output of 90 dBA or greater as measured in an anechoic chamber. The signaling appliance shall also have the capability to silence the audible signal while leaving the visible signal energized with the use of a single pair of power wires. The user shall be able to select either continuous or temporal tone output with the temporal signal having the ability to be synchronized. The visible signaling appliance shall also maintain a minimum flash rate of 1Hz or greater regardless of power input voltage. The appliance shall be capable of meeting the candela requirements of ADA (75 cd) for the combination (UL 1971/UL1638) listed models. The appliance shall have an operating current of 57 mA or less at 24 VDC for the 15/75 cd model. The appliance shall be polarized to allow for electrical supervision of the system wiring. The unit shall be provided with terminals having barriers for input/output wiring and be able to mount to a single-, double-gang or 4" square box with the use of a supplied adapter plate. The unit shall have an input voltage range of 20-31 volts with either direct current or full wave rectified power.

### Available Models

Description	Model	Candela Rating	Decibel Rating	Current	Listing
24 VDC Strobes	ST24 base model	—	—	—	—
	ST24-15	15 cd	—	47 mA	UL 1971
	ST24-15/75	15 or 75 cd	—	57 mA	UL 1971 (15) UL 163 (75)
	ST24-30	30 cd	—	57 mA	UL 1971
	ST24-60	60 cd	—	84 mA	UL 1971
	ST24-75	75 cd	—	86 mA	UL 1638
	ST24-110	110 cd	—	110 mA	UL 1638
24 VDC Strobe/Horns	HS24 base model	—	—	—	—
	HS24-15	15 cd	92 dBA	Strobe: 47 mA Horn: 30 mA	UL 1971
	HS24-15/75	15 or 15 cd	92 dBA	Strobe: 57 mA Horn: 30 mA	UL 1971 (15) UL 1638 (75)
	HS24-30	30 cd	92 dBA	Strobe: 57 mA Horn: 30 mA	UL 1971
	HS24-60	60 cd	92 dBA	Strobe: 84 mA Horn: 30 mA	UL 1971
	HS24-75	75 cd	92 dBA	Strobe: 86 mA Horn: 30 mA	UL 1638
	HS24-110	110 cd	92 dBA	Strobe: 110 mA Horn: 30 mA	UL 1638

Specify faceplate color: "R" for red or "W" for off-white (W). Specify "P" for plain (no lettering).



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**MADE IN AMERICA**

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