

**INPUT**

9 VDC Battery, 527 mA Max.  
12-24 VDC, 402 mA Max.

**OPERATING TEMPERATURE**

-4°F to 140°F (-20°C to 60°C)

**BATTERY INSTALLATION/REPLACEMENT**

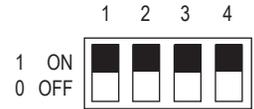
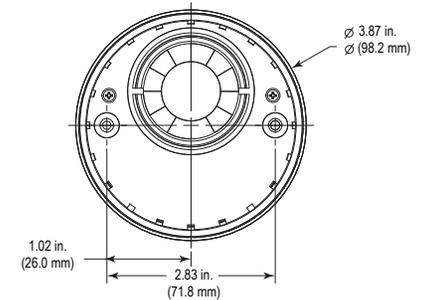
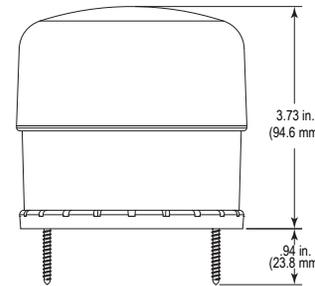
1. Unscrew lens to remove.
2. Loosen PCB screws (do not remove).
3. Gently rotate PCB without touching LED's and without damaging the reflectors.
4. Connect battery and slide under retainer.
5. Re-install PCB and tighten screws.

**NOTES**

1. Internal battery will provide backup power if loss of external power.
2. If no internal battery is used, remove all power and move S1-1 to "OFF" position (see detail S1).

**LOW BATTERY OPERATOR**

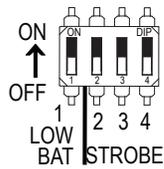
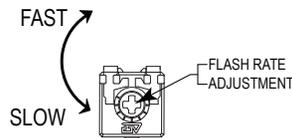
Replace battery when low battery condition occurs,  
Low battery LED flashes 1x per 1 minute and sounder beeps  
1x per 3 minutes.



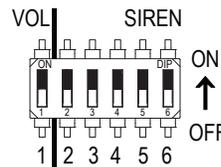
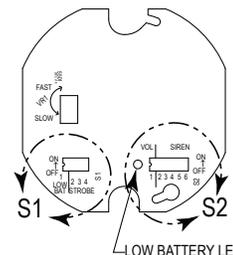
**S1 - LOW BAT. NOTIFICATION/STROBE CONTROL**

	1	2	3	4	FUNCTION
*	1				LOW BATTERY NOTIFICATION ON
	0				LOW BATTERY NOTIFICATION OFF
		0	0	0	CONTINUOUS "ON"
		0	0	1	DOUBLE LED ROTATION
		0	1	0	3 FLASH - DELAY - 3 FLASH
		0	1	1	SINGLE LED ROTATION (FAST)
		1	0	0	FLASHING
		1	0	1	INTENSITY RAMPING UP & DOWN
		1	1	0	SINGLE LED ROTATION (SLOW)
*	1	1	1	1	RIGHT/LEFT ROTATION

\*Default Settings



**DETAIL S1**



**DETAIL S2**

See pg. 2

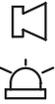
**WARNING:** This product can expose you to chemicals including Dichloromethane, which is known to the State of California to cause cancer, and Bisphenol A (BPA), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

Three year warranty or a one year limited warranty (from date of purchase) on most products.  
See website for details. Electronic warranty form at [www.sti-usa.com/wc14](http://www.sti-usa.com/wc14).



**STI-SA5500 SELECT ALERT SIREN/STROBE**  
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SA5500IS APR2025





SIREN

**Control with Power Supply**

- Not supervised
- Alarm on close
- Turn off low battery notification

**Power Supply Plus Battery**

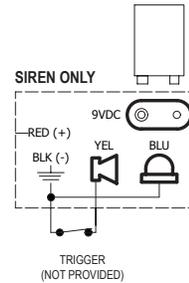
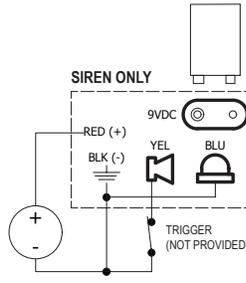
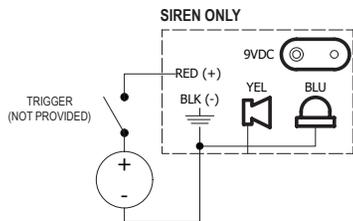
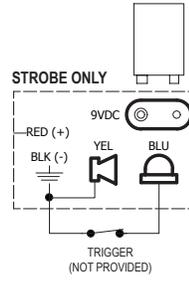
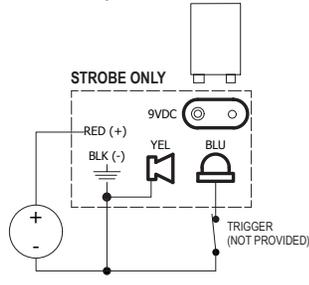
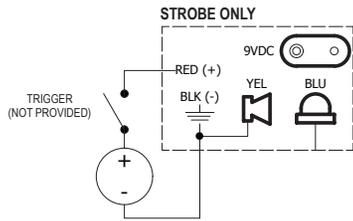
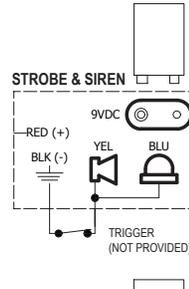
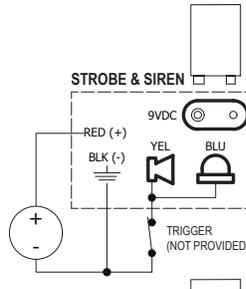
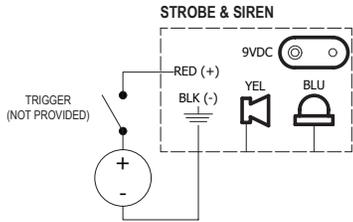
- Supervised trigger
- Alarm on open trigger
- Low battery detect on

**Battery Only**

- Supervised trigger
- Alarm on open trigger
- Low battery detect on



STROBE



**S2 VOLUME**

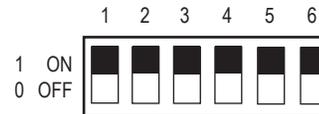
**1 FUNCTION**

* 1	High volume 9v and 12v only
0	Low volume 9v, 12v or 24v

**S2 ALARM TONES**

2	3	4	5	6	FUNCTION
* 1	1	1	1	1	1800Hz - 3300Hz @ 150ms
1	1	1	1	0	500Hz - 1200Hz, 0.5s/0.5s OFF x 3/1.5s OFF (AS1670 EVACUATION)
1	1	1	0	1	520Hz, 0.5s/0.5s OFF x 3/1.5s OFF (FIRE)
1	1	1	0	0	1200Hz - 500Hz @ 1Hz (DIN 33 404)
1	1	0	1	1	500Hz - 1200Hz, 3.75s ON/0.25s OFF (AS2220)
1	1	0	0	1	970Hz, 0.5s/630Hz, 0.5s
1	1	0	0	0	800Hz/1000Hz 0.5s each (1Hz)
1	0	1	1	1	1500Hz - 2700Hz @ 3Hz
1	0	1	1	0	800Hz/970Hz @ 2Hz
1	0	1	0	1	800Hz, 0.25s ON/1s OFF
1	0	1	0	0	2400Hz - 2900Hz @ 9 Hz
1	0	0	1	1	750Hz
1	0	0	1	0	970Hz
1	0	0	0	1	970Hz, 1s OFF/1s ON
0	1	0	0	0	500Hz - 1200Hz, 3.5s ON/0.5s OFF (NEN 2575:2000 DUTCH SLOW WHOOP)
0	1	1	1	1	800Hz - 970Hz @ 1Hz
0	1	1	1	0	1000-25Hz 0.5s/0.5s OFF x 3/1.5s OFF (AS1670 EVACUATION)
0	1	1	0	1	2850Hz, 0.5s ON/0.5s OFF x 3/1.5s OFF (ISO 8201)
0	1	1	0	0	660Hz 1.8s ON/1.8s OFF
0	1	0	1	1	500Hz - 1200Hz @ 0.33Hz
0	1	0	1	0	250Hz - 1200Hz @ 12Hz
0	1	0	0	1	2400Hz
0	1	0	0	0	800Hz - 970Hz @ 9Hz
0	0	1	0	1	660Hz 0.15s ON/0.15s OFF
0	0	1	0	0	800Hz - 970Hz @ 3Hz
0	0	0	1	1	420Hz 0.625s ON/0.625s OFF (AUSTRALIA AS1670 ALERT TONE)
0	0	0	0	1	970Hz, 0.5s ON/0.5s OFF x 3/1.5s OFF (ISO 8201)
0	0	0	0	0	2400Hz - 2900Hz @ 3Hz

\* Default Settings



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