

THE
SA-385
ALERT



The **SA-385 Alert** siren gives you just what you need..and more! Engineered from the design of its predecessor, the original SA-380 Alert siren, the SA-385 continues with the concept of offering only the most highly desired features and functionality, while eliminating those price inflating “bells and whistles” that are common on many sirens today.

The new **Alert** incorporates the same full-featured siren options as the original SA-380, with new features designed to enhance operation and increase ease of installation. These features include making Instant-On operation a standard requiring no enable input, terminal block wiring which offers simple plug-in connection, and a significantly smaller chassis size as a result of a reduction of the internal electronics footprint.

- **Compact** 100 watt amplifier
- **Reliable** four position rotary switch features Wail, Yelp, Phaser or optional Two-Tone/HiLo siren tones and push-button override for Manual and Air Horn
- **DIP switch programmable** options allow siren to be customized for each installation
- **Instant-On** provides automatic power when a siren function is selected
- **Output indicator light** for diagnostics
- **Terminal block wiring** offers easy installation and serviceability
- **Hands-free Horn Ring Cycler 2 (HRC2)** enables siren tone selection through the horn ring for pursuit or rescue situations
- **Noise canceling** microphone with P.A. override and volume control

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Specifications

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Input Voltage	10 - 16 VDC (- ground)
Input Current	8 Amps @ 14 VDC
Standby Current	0mA (20mA for backlight lamp)
Audio Frequency	200Hz - 10kHz +/- 3db
Audio Distortion	<3% (@1kHz - single 100W speaker)
Audio Output	40W (@14VDC per 100W speaker)
Output Power	105W RMS Max (@15VDC single 100W speaker)
Siren Frequency	700Hz - 1500Hz (Two-Tone = 435Hz & Horn = 585Hz)
Tones/Cycle Rates	Wail = 13CPM, Yelp = 190 CPM, Phaser = 15 CPS, Two-Tone = 60CPM, Horn = 109 CPS
High Voltage Protection	16 - 18VDC siren output ceases to protect speaker, resumes when at normal level
Short Circuit Current	50AMPS Min from supply circuit (supply circuit must supply for 1 second until fuse blows)
Operating Temperature	-15F to 140F
Controls	4 position rotary selector switch (Standby, Wail, Yelp, and Phaser), momentary push-button override for Manual and Horn, +/- auxiliary input, PA volume control, DIP switch options
Connections	6 Pin connector: positive, negative, 2 speaker, backlight lamp, auxiliary
Size	4 ¹ / ₂ " W x 1 ¹⁵ / ₁₆ " H x 5 ⁹ / ₁₆ " D
Shipping Weight	4 lbs
Ratings Met	Class A Sound Level, California Title 13 Configurable

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	SA-385 ALERT	Federal Signal PA300	Whelen EP5L1	Code 3 3932	Sho-Me 30.2200	Galls ST160
Flexible DIP Switch Programmability	Yes					
Instant On	Yes	Yes		Yes		Yes
Standby Current Battery Drain	0mA	70mA	NA	12mA	15mA	<150mA
Output Indicator Light for Diagnostics	Yes		Yes			
Removable Terminal Block Wiring	Yes	Yes	Yes		Yes	Yes
Size (cubic inches*)	48.5 cu. in.	106.6 cu. in.	76 cu. in.	102.5 cu. in.	87.7 cu. in.	97.5 cu. in.
5-Year or Greater Warranty	Yes					Yes

WARNING Sound Hazard - Sound level from siren speaker (>120dBA @ 10 feet) may cause hearing damage. Do not operate siren without adequate hearing protection for you and anyone in immediate vicinity. (Ref. OSHA 1910.95 for occupational noise exposure guidelines)

