

SA-361-30 DEFENDER

The **SA-361** **DEFENDER**



from

CARSON
SIRENS

The **SA-361 Defender** remote siren has been redesigned with a *new look* and *added functionality!* The updated **Defender** combines the same simple operation, reliable performance and full-featured siren options as the original SA-361, but in a smaller, more-compact amplifier. Size and user-friendly serviceability were the motivating factors in the redevelopment of this industry favorite. These key factors were achieved through the addition of terminal block wiring which offers simple, plug-in connection to the amplifier; and the reduction of the internal electronics footprint resulting in a smaller amplifier with more-versatile installation capabilities. The rugged **SA-361 Defender** remains the affordable choice for law enforcement, security and volunteer firefighters.

- **Compact** 100 watt amplifier with remote switch panel
- **Reliable** three position rocker switches feature Wail, Yelp, Phaser or optional Two-Tone/HiLo, Manual and Air Horn siren tones, and now includes Power C override in Wail & Yelp modes.
- **DIP switch programmable** options allow siren to be customized for each installation
- **Instant On** provides automatic power when a siren function is selected
- **Terminal block wiring** at the remote amplifier offers easy installation and serviceability
- **Hands-free Horn Ring Cyclor 2 (HRC2)** enables siren tone selection through the horn ring for pursuit or rescue situations

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5451 North Rural Street - Indianapolis, IN 46220
1.888.577.6877 or 317.257.3191 - Fax 317.254.2667 - www.carsonsirens.com

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Specifications

Siren	
Input Voltage	10 - 16 VDC (negative ground)
Input Current	8 Amps @14 VDC
Standby Current	NA
Output Power	105W RMS Max (@15 VDC - single 100W speaker)
Siren Frequency	700Hz - 1500Hz
Tones/Cycle Rates	Horn = 109 CPS, Wail = 13 CPM, Yelp = 190 CPM, Phaser = 15 CPS, Two-Tone = 60 CPM, Power C = 100 CPM
High Voltage Protection	16 - 18 VDC output ceases, resumes at normal level
Short Circuit Current	50AMPS Min from supply circuit (supply circuit must supply for 1 second until fuse blows)
Operation Temperature	-15F to 140F
Controls	3 position siren rocker, 2 position momentary rocker for Horn and Manual, +/- auxiliary input, DIP switch options
Siren Connections	10 Pin connector: positive, negative, 2 speaker, auxiliary + and auxiliary - inputs, and 4 tone switch inputs
General	
Size	Control: 3-3/4" W x 1-1/4" H x 1-3/4" D Amplifier: 6" W x 1-7/8" H x 4-1/4" D
Shipping Weight	3 Lbs
Ratings Met	Class A Sound Level, California Title 13 Configurable

Features

- Remote control panel with rocker switch controls
- Small amplifier size with flange mounting
- Two rocker switches for Wail, Yelp, Manual/Phaser and Air Horn with optional European HiLo/Two-Tone siren tone and Power C override
- DIP switch programmable options
- Horn Ring Cyler (HRC2) for hands free siren tone control
- Short circuit, high voltage and reverse polarity protection systems
- No hassle 5-year limited warranty

	<i>SA-361 DEFENDER</i>	Federal Signal Mini MS4000U	Whelen Alpha 12R	Code 3 3920	SVP SS651	Sho-Me 30.2106/9	Sho-Me 30.2104 30.2504	Galls ST110
Flexible DIP Switch Programmability	YES		YES					
Auxiliary Input & Horn Ring Capabilities	YES		YES	YES	YES			YES
6 or More Different Siren Tones Available	YES		YES		YES			YES
Standby Current Battery Drain	0mA	60mA	175mA	35mA	20mA	30mA	30mA	20mA
Removable Terminal Block Wiring	YES							
5-Year 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)

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