

# SC-1022-20 VOLUNTEER



## The **SC-1022** **VOLUNTEER**

from

**CARSON**  
SIRENS

***“The SC-1022, “a small siren with big results”  
in the palm of your hand.*”**

The Carson **SC-1022 Volunteer** Hand-held Mechanical Tone Siren for those who need to clear traffic in a big way. This small compact siren offers the standard tones of Wail, Yelp, Manual, Power C and the new Carson Mechanical tone along with dip switch programmability of the European HiLo/Two-tone sound as optional substitutes. This gives you full coverage for any emergency situation. Expect big results with this small siren. The completely enclosed rubberized face gives you a smooth front panel with everything right at your finger tips. This hand-held remote control head with light controls for emergency situations is easily operated and ideal when you want it out of your way and not in use.

This small 100-watt siren with big results is the **SC-1022 Volunteer** Hand Held Mechanical tone siren that offers all the same reliable performance, rugged and durability along with consistent quality that comes with all the Carson Siren line.

- **Mechanical Tone:** This sirens deep and gutsy mechanical tone allows you to sound just like a fire truck clearing traffic. This siren will set you apart from the rest.
- **Lighted Pushbutton Controls:** Two lighted pushbutton switches for controlling auxiliary or emergency lighting.
- **Horn Ring Cycler 2:** Allow the operator the capability to run the siren tones from the vehicle horn ring or other external switching for hands free tone selection during pursuit or rescue situations.
- **Control Head Mounting Bracket Included:** A “holster” that allows mounting to dash or console for easy access.

***The SC-1022 offers  
“a small siren with big results”.***

**CARSON**  
SIRENS

5451 North Rural Street - Indianapolis, IN 46220  
1.888.577.6877 or 317.257.3191 - Fax 317.254.2667 - [www.carsonsirens.com](http://www.carsonsirens.com)

# SC-1022-20 VOLUNTEER

## Specifications

<b>Siren</b>	
Input Voltage	9 - 16 VDC (negative ground)
Input Current	8 Amps @14 VDC
Standby Current	Less than 50 mA (enabled), less than 5mA standby
Output Power	105W RMS Max (@15 VDC - single 100W speaker)
Siren Frequency	700Hz - 1500Hz (Mechanical 700 Hz - 1600Hz; Two-Tone & Horn = 435 & 585Hz)
Tones/Cycle Rates	Horn = 109 CPS, Mechanical = 5 CPM, 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	50 Amps Min. from supply circuit
Operation Temperature	-15F to 140F
Controls	Six membrane Pushbuttons, auxiliary input programmable for +/- activation. 8-position DIP switch option selector.
Siren Connections	Removable 10-Pos Terminal Block: (2) Power, (2) Speaker, Auxiliary and Enable inputs, (2) light control outputs. RJ-12 jack for hand control with built-in cable.
<b>Light Control</b>	
Voltage	9 - 16 VDC (negative ground)
Controls	Two pushbuttons
Auxiliary Switch Current	5 Amps max per circuit, 5 Amps max total
Light Connections	Two light control outputs
<b>General</b>	
Size	Control Head: 1-7/8" Wide, 1" Deep, 4" High Amplifier: 6" Wide, 4-1/4" Deep, 1-7/8" High
Shipping Weight	2 Lbs
Ratings Met	Class A Sound Level, California Title 13, KKK

## Features

- Remote hand held unit with pushbutton controls
- Compact 100-watt electronic siren amplifier with 5 amps of light control
- Two illuminated pushbuttons for light control
- Six pushbutton switches for Mechanical, Wail, Yelp, Phaser, Manual, Power C and Air Horn with optional European HiLo/Two-Tone siren tone
- DIP switch programmable tones
- Horn Ring Cyclor (HRC2) for hands free siren tone control
- Short circuit, high voltage and reverse polarity protection systems
- Control Head bracket (Holster) included
- Small amplifier size with flange mounting
- No hassle 5-year limited warranty

	<i>SC-1022</i> <b>VOLUNTEER</b>	Federal Signal Mini MS4000U	Whelen Alpha 12M/12R	Code 3 PSE Compact 3900 Remote	Signal Vehicle Products (SVP)SS651	Able 2 Products Sho-Me 30.3104/ 30.2106/ 30.2109	Galls SK123
Mechanical Tone	YES		YES				
Light Control Outputs	YES						
Auxiliary Input & Horn Ring Capabilities	YES		YES				
Flexible DIP Switch Programmability	YES		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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