

THE *SB-008* PHANTOM

from **CARSON**
SIRENS



“The Most Technically Advanced Compact Control Unit”

The **SB-008 PHANTOM** signifies major advancements in the emergency vehicle light control technology. It boasts intuitive face programmability with DIP switch locking to manage everything from the lightbar to gunracks to auxiliary lights. And at less than 1 1/2" high, this sleek, compact control unit is nearly half the size of a regular switch box, but the unit's slim styling only makes its superior control capabilities and versatility more impressive. With the **PHANTOM**, the decision to go with a light control system that is high-tech and programmable no longer relegates the buyer to an expensive all in one premium light control siren.

The **SB-008 PHANTOM** sets the bar high as the premium independent light control unit with the following technologically advanced features:

- **Face Programmability:** Intuitively select each switch's function by pushing the button to scroll through different control options. Programmable settings for each switch include the default on/off, grouped with the Master Switch, momentary, and 10 or 20 second timed momentary for use as a gunlock timer.
- **Master Switch for Grouped Outputs:** This new feature simulates a progressive lever switch in the 3rd position. Activating the Master Switch also activates any of the switches programmed in the group. Each switch in the group may be individually controlled at any time overriding the Master Switch. Turning off the Master Switch will also de-activate any of the grouped switches that remain on.
- **Multiple Gunlock Timers:** More than one switch may be programmed as a timed momentary for use as a gunlock timer starting on switch 8 and moving backwards.
- **Output Diagnostics Indicator:** Sensors at the output connectors monitor when the output is operating correctly and pinpoints where the problem is should a malfunction occur.
- **Splash Resistant Rubberized Face:** The switch box incorporates built in, sealed switches and legend windows for improved protection for the internal circuitry from common accidental spills.

With the *SB-008 PHANTOM*,
control is at your fingertips.

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Specifications

Switch Box	
Light Control Voltage	9 - 16 VDC (negative ground)
Input Current	160 Amps Max (80 Amps for switches 1-4, 80 Amps for switches 5-8)
Standby Current	Less than 100 ma
Output Current	20 Amps per output, each output independently protected with built-in fuses
Operation Temperature	-15F to 140F
Controls	8 Push button switches with LED indicators, backlighting of replaceable legends changes colors when activated, and internal DIP switch option selector
Siren Connections	2 #10 AWG lead wires for positive power input, 2 connectors with 4 outputs each, single connector with #22 AWG lead wires for positive and negative for enable and backlighting
General	
Size	6 1/8" Wide, 1 3/8" High, 6 1/2" Deep
Shipping Weight	2 1/2 Lbs

Features

- 20 Amps capacity per output for 160 Amps total
- 8 Completely enclosed membrane push button switches for splash resistant protection
- Master Switch grouping capabilities
- Multiple switches to operate as gunlock timers
- Face Programmable switches with DIP switch program lock for on/off, grouped, momentary, and timed momentary for gunlocks
- LED backlit for nighttime visibility, backlighting turns red when switch is activated
- Externally exposed fuses for easy replacement and to protect each output
- Output status for each switch indicated on the face for diagnostics
- Alert indicator when switches are activated
- 88 Replaceable legends
- Detachable connectors with screwdown terminals for all outputs
- Slim case is only 1 3/8" high
- No-hassle 5-year limited warranty

	SB-008 PHANTOM	Whelen PCC10	TST Touch Tek VI	Able 2/Sho-Me 05.8000	Able 2/Sho-Me 05.8040/42
Face Programmability	Yes				
LED Backlighting that Changes Color when Activated	Yes		Yes		
Master Switch Control for Groups of Switches	Yes		Yes		
Gunlock Timer Selectable	Yes		Yes		
Splash Resistant Enclosed Membrane Switches	Yes		Yes		
Diagnostic Indicators for Each Output	Yes		Yes		
Detachable Connectors with Screwdown Terminal	Yes				
Switch Box Height	1 3/8"	2 1/4"	2 5/8"	2 1/4"	2 1/4"
5-Year Warranty	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)