

# HPK-100

## IN-CAB STUTTER HORN SYSTEM



Tired of being seen and not heard? Carson has the answer...the **HPK-100 In-Cab Stutter Horn System**. This loud and legal\* audible warning solution bundles 3 NEW professional grade Carson products into one affordable, easy-to-install horn kit. The **HPK-100** combines the traffic clearing power of a simulated "stutter" air horn with auxiliary light control to provide the attention you need to make it quickly and safely on scene.

### HA-100 IN-CAB STUTTER HORN AMP

- 100 watt electronic air horn amplifier
- ➔ **Compact for interior-mount installation on any vehicle**
- Legal\* for POV use
- "Stutter" air horn sound
- Wires to horn ring or separate switch (customer supplied)
- ➔ **High voltage protection**
- ➔ **Output indicator light for diagnostics**
- No-hassle 5 year warranty

### SP-200 SWITCH PANEL

- Easily switch between standard vehicle horn and louder, more powerful "Stutter" air horn
- Illuminated rocker switch for up to 15 amp capacity auxiliary light control
- Simple, easy installation to amplifier and vehicle horn

### CSP-100B BASIC SPEAKER

- Slim, hexagonal shape for versatile installation options
- 100 watt, 11 ohms
- Integrated, universal mounting bracket design
- Black, corrosion-resistant metal structure
- Weighs only 6 lbs.
- No-hassle 1 year warranty

# HPK-150

## UNDER HOOD STUTTER HORN SYSTEM



The **HPK-150 Under Hood Stutter Horn System** offers the same loud and legal\* features and functionality as the HPK-100 In-Cab Stutter Horn System, but utilizes the HA-150 Under Hood Stutter Horn Amp for exterior, all-weather installations. Compact and easy-to-install, the **HPK-150** is ideal for any volunteer POV, motorcycle, ATV, or marine craft. It is also a cost-effective alternative for other service vehicles that are not equipped with compressed air horn systems.

### HA-150 UNDER HOOD STUTTER HORN AMP

- 100 watt electronic air horn amplifier
- ➔ **Ultra-compact for exterior-mount installation on any vehicle**
- ➔ **Waterproof**
- Legal\* for POV use
- "Stutter" air horn sound
- Wires to horn ring or separate switch (customer supplied)
- ➔ **Power indicator light for diagnostics**
- No-hassle 5 year warranty

### SP-200 SWITCH PANEL

- Easily switch between standard vehicle horn and louder, more powerful "Stutter" air horn
- Illuminated rocker switch for up to 15 amp capacity auxiliary light control
- Simple, easy installation to amplifier and vehicle horn

### CSP-100B BASIC SPEAKER

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- Weighs only 6 lbs.
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Wire harness accessories available. See the Accessories & Replacement Parts Catalog on the Carson website for more information.

\*Legal in most states. Please consult your state/local vehicle codes to ensure compliance with vehicle horn regulations.

**Specifications**

**HPK-100**

**HA-100-10 14**

|                         |  |
|-------------------------|--|
| Speaker Load            | Single 100W 11 ohm   |
| Input Voltage           | 9 - 16 VDC (negative ground)   |
| Input Current           | 8 Amps @ 14 VDC  |
| Output Power            | 105W RMS Max. (15 VDC )  |
| High Voltage Protection | 16 - 18 VDC output ceases, resumes at normal level   |
| Short Circuit Current   | 50 AMPS (supply circuit must supply for 1 sec.)  |
| Operating Temperature   | -15F to +140F  |
| Controls                | Vehicle horn ring or separate switch (customer supplied)   |
| Connections             | 4 Pin removable terminal block: positive, negative, 2 speaker  |
| Size                    | 1 <sup>3</sup> / <sub>16</sub> " H x 4 <sup>1</sup> / <sub>4</sub> " W x 3 <sup>5</sup> / <sub>8</sub> " D |
| Weight                  | 1lb  |

**SP-200 Switch Panel**

|             |  |
|-------------|--|
| Controls    | 2 position rocker switch for horn tone selection and 2 position illuminated on/off rocker switch for light control |
| Voltage     | 12 VDC   |
| Current     | 15 AMPS per switch   |
| Connections | 6 - <sup>3</sup> / <sub>16</sub> " quick-connect terminals   |
| Size        | 1 <sup>1</sup> / <sub>4</sub> " H x 3 <sup>3</sup> / <sub>4</sub> " W x 1 <sup>3</sup> / <sub>4</sub> " D          |

**CSP-100B Speaker**

|                              |                                   |
|------------------------------|-----------------------------------|
| Power Rating                 | 100W                              |
| Impedance                    | 11 Ohms                           |
| Operating Frequency          | 400HZ to 3500Hz                   |
| Mounting                     | Integrated, universal bracket     |
| Size                         | 5.10" H x 6.34" W x 2.36" D       |
| Weight                       | 6 lbs                             |
| Total System Shipping Weight | 8 <sup>1</sup> / <sub>2</sub> lbs |

**HPK-150**

**HA-150-10 14**

|                       |   |
|-----------------------|---|
| Speaker Load          | Single 100W 11 ohm  |
| Input Voltage         | 9 - 16 VDC (negative ground)  |
| Input Current         | 8 Amps @ 14 VDC   |
| Output Power          | 105W RMS Max. (15 VDC )   |
| Short Circuit Current | 50 AMPS (supply circuit must supply for 1 sec.)   |
| Operating Temperature | -22F to +200F   |
| Controls              | Vehicle horn ring or separate switch (customer supplied)  |
| Connections           | 4 wire leads: positive with in-line fuse, negative, 2 speaker   |
| Size                  | 1 <sup>1</sup> / <sub>2</sub> " H x 4 <sup>1</sup> / <sub>8</sub> " W x 2 <sup>1</sup> / <sub>8</sub> " D |
| Weight                | 1lb   |

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

