



SniperTM Remote Control System

Thank you for purchasing our SniperTM remote control air horn activation system. We're confident you will enjoy it!

The Kleinn SniperTM is an RF-controlled remote/receiver system specifically designed to activate air horn systems from up to 300 feet away.

WARNING:

Air horns (particularly Kleinn Air Horns) are very loud and can cause hearing damage. Do not use the SniperTM if any living creature is within 100 yards of your vehicle. Permanent hearing damage may result.

Kit Includes:

- Main Control Module
- Wiring Harness
- Remote Fobs (Qty 2)

Kleinn Automotive Accessories
4045 N. Highway Drive, Tucson, AZ 85705
(520) 579-1531 www.kleinn.com

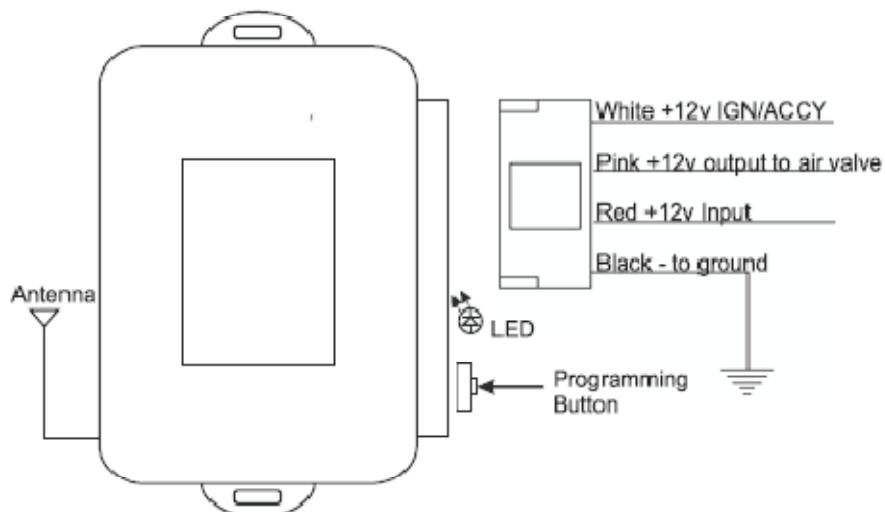
Operation

Pressing the button on the remote fob will activate your air horn. The horn will remain activated for as long as the button is pressed.

Each remote fob has a sliding cover that can be positioned over the activation button to prevent accidental activation of your air horn. Be sure to use it. Accidental air horn activation can result in many things - few of which are pleasant.

Installation

The Sniper™ control module is not waterproof and must be mounted in a location that is clean and dry. Underneath the dash is suggested. Wiring the Sniper™ is easy and requires only four connections.



Installation (continued)

- **Black (Chassis Ground)** Secure this to metal that is clean and free of grease, paint, etc.
- **Red (+12v Input)** Connect to a +12v power source that remains 'on' even if the ignition is off. Common connection locations would be the fuse box, the ignition switch harness in the steering column or the battery.
- **Pink (+Output to horn)** Connect to one wire from your air solenoid valve. Connect the other wire from the solenoid to ground. See more details below.
- **White (Accessory)** Connect to a SWITCHED +12v power source - one that turns on/off with your ignition.

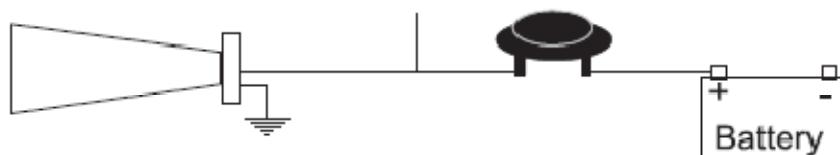
Proper Air Solenoid Wiring

Air solenoids can be connected two different ways - therefore the Sniper™ can be connected two different ways.

Constant Ground with Power Switching

In this configuration, one wire from the solenoid is connected to ground and the other wire is connected through a pushbutton switch that supplies +12v when pressed. If you are starting a new installation, use this configuration. Connect the Pink +12v output wire from the sniper to the wire that runs between the solenoid valve and the output side of the switch.

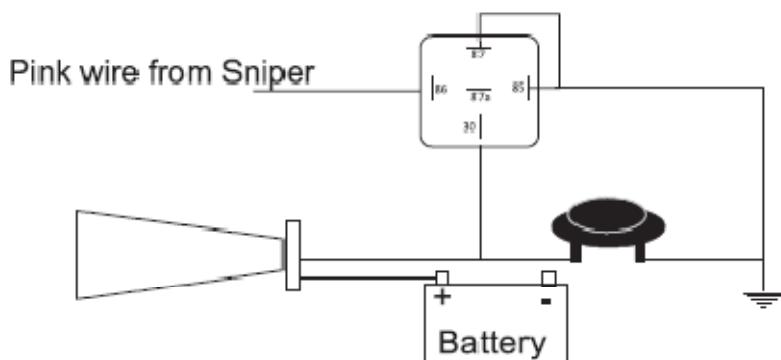
Pink Wire from Sniper



Proper Air Valve Wiring (continued)

Constant Power with Ground Switching

In this configuration, one wire from the solenoid is connected to constant power and the other wire is connected through a pushbutton switch that supplies ground when pressed. Connect the Pink output wire from the Sniper™ through a relay (not included) as shown below.



Programming - Remote Fobs

If you wish to add fobs or replace lost/broken fobs they must be programmed into the Sniper™.

- With the ignition turned on, press and hold the programming button for 3 seconds; the LED will turn solid.
- Press the button on the new remote, then press the button on all other remotes you wish to keep programmed (up to 4).
- Turn off ignition - programming is complete.

Programming - Safety Inhibit

The Sniper™ has a built in 'safety inhibit' that prevents the system from activating when the vehicle is running. This feature can be turned on/off by turning the ignition to the 'ON/RUN' position, then pressing the programming button 5 times. When the LED flashes 3 times, the Safety Inhibit is turned off. Perform the same process to turn the Safety Inhibit on. When the LED flashes 5 times, the Safety Inhibit is enabled.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.