



12 VOLT AUTOMOTIVE CONTROL SYSTEM

Thank you for purchasing the 2KOOL automotive 12-volt control system. This is the most advanced programmable control system available today. This system can control interior and exterior neon, strobe, and LED lights, EL Logos, and customized functions. With an optional relay even more demanding applications such as trunk lids, shaved door handles and linear actuators can be controlled. Consult with a professional installer when high current applications are planned.

THE 2KOOL SYSTEM

The 2KOOL System has two components a Keypad, used to send the activation command, and the Receiver which responds to the commands turning the application on and off.

SPECIFICATIONS

KEYPAD

9 control buttons 8 for on/off and 1 for all off
Self contained battery

RECEIVER

User programmable for the desired Keypad button
Power input + 12 Volts and ground *
Power output + 12 Volts and ground max current is 1 Amp*
* The wire with the white stripe is + 12Volts



KEYPAD

The Keypad has nine buttons, eight of which can be used to send the on/off commands, and one which sends an off command to all trained Receivers.

RECEIVER

The Receiver when trained is used to turn your applications on and off. After training, the receiver will only respond to the button press you select. Each receiver has a different code so you don't have to worry about interfering with another 2KOOL control system.

CAUTION

Please follow manufacturer's installation recommendations when adding accessory items, particularly auxiliary lighting. Lights installed with a 2Kool controller may be intended for off-road or show use only. Check with your light manufacturer and local authorities before street use.

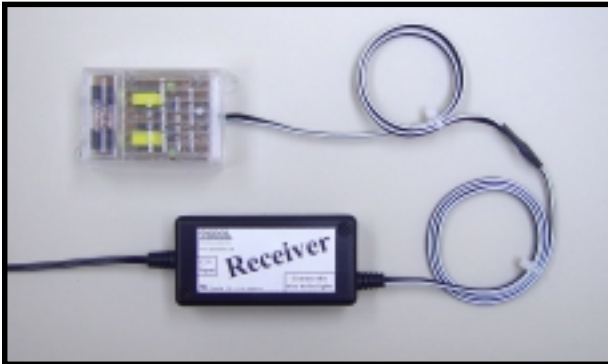
Installation of any merchandise shall be the sole and absolute responsibility of the purchaser. See our web site at www.2kooltech.com or call 1-800-555-0000 complete details.



CONNECTION

Select the physical location of your application such as neon lights. Install the lights in accordance with the manufacturer recommendations. Connect the wire from the lights to the Receiver wire, this is the wire on the right hand side. The wire with the white stripe is the (+) wire the other wire is the ground wire.

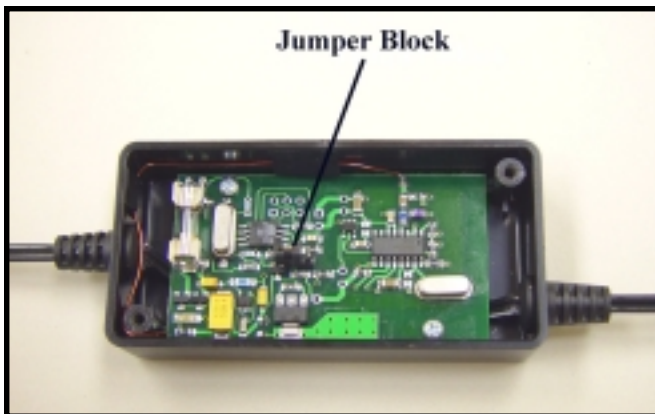
For power connect the wire coming from the left hand side of the receiver to a 12 V source and ground. The wire with the white stripe is +12 Volts, the other wire is connected to ground.



Receiver Training

Perform the following steps after the Receiver has been wired to a light or set of lights and 12 Volt power.

1. Remove the cover from the Receiver housing
2. Locate the small jumper block shown in the figure below.
3. Place the block over both pins on the Receiver circuit board.



4. Press the keypad button you wish to use several times. (You will see the light turn on and off)
 5. Replace the jumper so that it only covers one pin.
 6. Replace the cover on the Receiver.
- The Receiver will now respond to the key you pressed.

Note: When the jumper covers both pins (training mode) the Receiver will respond to any key you press. The Receiver only remembers the last key you press as its assigned key.

NOTE

The range of the Keypad can be affected by where you put the receiver in the car. If you are having trouble activating the receiver with the Keypad move the receiver to another location. See the FAQ section of the 2KOOL website for more information.

Compliance Statement (Part 15.19)

This device complies with Part 15 of the FCC Rules and with RSS-210 of Industry Canada.

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.

Warning (Part 15.21)

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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