



PASSPORT™

Smart Key System

KEY FOB OPERATION & INSTALLATION GUIDE

(1) OPERATION

When the key is within 3-5 meters (4-6 feet) of the car, the button indicator light will flash. The driver can then start the car by holding the button for more than 1 second and power off the car by holding the button for more than 1 second.

NOTES:

Press and hold time of the self-resetting button can be customized by modifying s/w.

(2) CHARACTERISTICS

- a. Working voltage of the control box is 10-100V
- b. Standby current of the control box is 0.8 mA @48V input voltage
- c. Working current of the control box is less than 2mA @48V input voltage
- d. FOB key:
 - Working current: 25 UA
 - Standby current: 4 UA

Battery Lifetime: Approximately 3 years

In order to conserve battery power, the key will enter sleep (standby) mode if it stays still and does not communicate with the control box for more than 1 minute. If the key has been communicating with the control box and the start/stop switch has not been ON for 1 hour, it will also enter sleep mode. To wake the key from sleep mode, move it slightly to trigger the key fob's sensor.

NOTES:

When the car is powered off, the control box will stay in a standby status until the matched key approaches the car within approximately 3-5 meters (4-6 feet); the car's power consumption is about 38.4 MWH.

(3) CONFIGURATION

- a. Control Box
- b. Start/Stop Button
- c. Wiring:
 - BLUE WIRE - 48V+(10-100V)
 - BLACK WIRE - GND
 - RED WIRE - Output +48V

(4) PAIRING THE KEY FOB WITH THE CONTROL BOX

There are a total of 5 keys which can be paired to the system. When a sixth key is paired, the car will delete the first key's matching parameters. If the key is lost, a new key needs to be prepared and matched with the control box.

To match a new key to the control box, confirm that the input voltage is correct (10V - 100V), and then place the new key on the control box.

Using a small tool such as a pair of tweezers, press the button on the control box as shown below. If the light on the button is flashing, the key has paired with the control box successfully. It takes about 5 seconds for the pairing process to complete.

