

# *TPS-1 Taxi's Protection System*

## *Application Instruction*

### ***1. Introduction:***

The car safeguard system is a Microprocessor Long Distance Intelligent Security Alarm System with electric shock function that can ensure the car not easy to lose and can safeguard owner while gangster is robbing. At any time it can warn to the owner any conditions to caution him to raise vigilance. At emergency the owner can remote the system to electrically shock the gangsters. This system has Anti-Theft, Anti-Robbery, Electric Shock, Remote control central door and Intelligent indication functions. Thereby it can be widely used for urban taxis and multifarious cars.

### ***2. Main technical specifications:***

Safeguard functions such as Anti-Theft, Anti-Robbery  
The Anti-Theft function with Alarm sound and light flash  
The Anti-Robbery function with Alarm sound and high voltage electric shock  
At emergency high voltage electric shock directly  
Electric shock high-voltage pulse power supply >50KV  
Alarm sound level >90dB  
Remote-controlling in a long distance, preventing copying and electronic scanning  
Automatic warning-resuming, preventing wrong operation and bumping accidentally  
Automatically remote controlling central door lock  
Environment protection, automatically identification and warning  
Locking after brake to avoid loss from leaving car door unlocked  
Super strong quakeproof and modularization, safe and easy operation  
Power supply 12V battery

### ***3. Facility combination:***

The Base Unit 1pc  
The Shocking Cushion and backrest with electric shocking module 1set  
Electronic Horn 1pc  
Shock Sensor 1pc  
Shocking button 1pc  
The Relay 1pc  
Remote controller 2pc  
The connect wires 1set  
Application manual 1set

## ***4.Basic Function and Operation instruction***

### ***Remote Controller illustration***



### ***A. Anti-Robbery and Anti – Violence Function***

#### **a. Setting Anti-Robbery and Anti-Violence mode by remote:**

When meeting robbers or gangsters , press button “search”. Then within 10 seconds, press button “Anti-Robbery”(That’s the “mute” button on control remote), the Anti-Robbery will begin to work, the high-voltage electric shock will be started immediately, on the whole surface of the Shocking Cushion and backrest generate high-voltage pulse to shock the gangsters with the horn screaming, the voltage of the electric pulse power supply is over 50 KV, going with the alarm sound till pressing button “open”.

Under this mode by remote, the high-voltage electric is discontinuous, that’s when you press the button “mute”, the high-voltage electric shock will be started. After it shocked for several seconds, it will stop for several seconds. Then it will shock again, and then stop again.....it will circulate like this till you press the “open”.

#### **b. Release Anti-Robbery:**

In the status of Anti-Robbery , Press button “open”, the Anti-Robbery will be stopped immediately.

#### **c. Electric shock directly**

At emergency, press shocking button, the high voltage electric shock works directly without alarm sound and light flashing, unleash the shocking button, the electric shock will be stopped immediately.

Under this mode, the high-voltage electric shock is continuous, that’s it will not stop until unleash the shocking button .

### ***B. The Anti-Theft function:***

#### **a. Setting the Safe Guard mode**

The driver out off the car and close the door, Press button “close”, if the horn beeps once with the light flashing, it will perform the function of locking doors and

Setting the Safe Guard mode. After 10 seconds, the instruction light (LED) will flash and the system will enter into the Safe Guard mode.

**b. Anti-Theft Guard**

In the Safe Guard Mode, if the car is attacked by the force such as prizing, dashing, the system will be triggered with the horn screaming and the electric shock. The alarm will be warned if the Door is being prized illegally or opened directly by the key.

Under this mode, the electric shock gives out discontinuously.

**c. Release Anti-Theft:**

In the Safe Guard Mode, Press button “open”, after the horn beeping and light flashing twice, the system will perform the function of opening the door and the Anti-Theft mode will be released simultaneously.

**d. Mute Anti-Theft:**

Press button “mute”, then the system enters into Mute mode., if then press button “close” or “open”, the system will perform the function of opening or locking with horn mute. In status of Anti-Theft, press button “mute” once, then the system will perform the function of mute Anti-Theft, in other words, only the light flash where is the horn will be mute for alarming.

### ***C. Auxiliary Function***

**a. Remote control central door:**

The system has the function to control central door lock, if the old car equipped with the central door lock, it is possible for remote control the central door lock, press the button “open” or “lock”, then the door will be unlocked or locked.

**b. Indication with Theft:**

After parking, if the car driver leaves his car without pressing the locking button, horn will scream 3 times to indicate him.

**c. Indication with the door open:**

Although the car owner has pressed the locking button, the door has not been locked properly, 3 times beeping will indicate the owner and the system will be triggered.

**d. Anti-Theft in the protection of environment mode**

In the status of Anti-Theft, press the button “mute”, the method of alarming will be indicated in light flashing instead of screaming. The horn can be turned off by pressing button “mute” even in alarming.

**e. Indication touched illegally:**

In the Safe Guard Mode, if the door was prized or touched illegally. When the door is being opened, the horn will scream twice to indicate the driver the car has been prized or touched illegally in this case, the car owner must check the car carefully avoiding any loss.

## ***5.Function Explain***

High-voltage electric shock:

In the status of Anti-Robbery, the high-voltage electric shock will be started,

on the whole surface of the Shocking Cushion and backrest generate high-voltage pulse to shock the gangsters with the horn screaming, the voltage of the electric pulse power supply is over 50 KV. press button “open” to stop the chock.

High-voltage electric shock directly:

Press shocking button which installed on the driver panel, the high voltage electric shock works directly with not alarm sound , unlash the shocking button, the electric shock will be stopped immediately.

Safe Guard Mode:

In the Safe Guard Mode, if the car is attacked by the force such as prizing, dashing, the system will be triggered with the horn screaming and the light flashing

Illegal Opening Alarm:

in the Sate Guard mode, the alarm will be warned if the Door is being prized illegally or opened directly by the key

Auto return to Safe Guard Mode:

In the status of Anti-Theft, if the car owner touches the opening button by accident, and he has not into the car, the system mill return to Safe Guard Mode automatically in 25 seconds.

Indication with Theft:

After parking, if the car owner leaves his car without pressing the locking button, the horn will scream 3 times to indicate him.

Indication with the door open:

Although the car owner has pressed the locking button, the door has not been locked properly, 3 times beeping will indicate the owner and the system will be triggered.

Remote control central door:

When driving, press the button “open” or “lock”, then the door will be unlocked or locked, but will not start the Anti-Theft system.

Indication touched illegally:

In the Safe Guard Mode, if the door was prized or touched illegally. When the door is being opened, the horn will scream twice to indicate the owner to check the car carefully avoiding any lose.

Indication Safe Guard :

In the status of Anti-theft, the instruction light (LED) will flash continuously to indicate the owner whether or not the system is beginning to work.

Indication the Door unlocked

When the owner has got into the car if the door unlocked properly, the direction light will keep flashing for 30 seconds to arise the attention of its rear cars, if the door locked properly, the light will stop flashing immediately.

## ***6. Installation***

The Car’s protection system must be installed by professional artificer, before installing the system, Please read the Fig1:Circuit Diagrams of the installing base unit

of the system.

### ***A. The Base Unit Installation***

The installation location of the base unit usually is installed under the instrument panel or the disguise place where is over the driver's feet in the front of the driver seat. Find the base unit installation place first, and then find what the base unit will connect to, such as ACC, flash light, power, etc.. The wire connection should be made perfect. After all wires connected, connect the sockets by sequence 10p, 5p, 3p, 3p.. before re-assembly the decoration panels step by step, you should check and test the wire connection.

### ***B. The Shock Sensor Installation***

After the base unit installation finished, fix the shock sensor on the car body or instrument panel as tightly as possible, to ensure the sensor can feel the shock. Adjust the sensitivity of the sensor by the car size and your need.

### ***C. The Electric Shocking Cushion and Backrest Installation***

Put on the electric shocking cushion and backrest on the car's rear seat and fix them by the elastic bands, the output high voltage wires of electric shocking module should be connected to them reliably, then connect the electric shocking modules to relay output by connectors.

If the electric shocking cushion and backrest is The thin Shocking Cushion and backrest, it must be covered by the seating, if it is the Shocking cushion for the summer or for the spring-autumn, it can put on car's seat directly.

### ***D. The Controlling Central Door Installation***

Please refer to the Instruction Assembling of the Central control door lock (fig2-fig6).

## ***7.Cautions***

It is not allowed to put the Shocking Cushion on driver's seat.

Usually the shocking time do not over 3 minutes.

Please do not press the shocking button for a long time.

This system can be only used for self-defense when in emergency. And it is prohibited for illegal use. People who use it for illegal purpose must take on responsibility himself.