

# ***CPS-1/2 Car's Protection System***

## ***Application Instruction***

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

CPS is a Long Distance Intelligent Security Alarm System with electric shock function that can ensure the car not apt to be lost and can safeguard owner while gangster is stealing or robbing. At any time it can give the owner the remind. the system would be triggered with the horn screaming and the light flashing, as well as the 20-50KV electric shocking, at emergency the owner can remote the system to electrically shock the gangsters. This system also has the functions of Anti-Theft, Anti-Robbery, Electric Shock, Remote control central door and Intelligent indication. 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, light flash and electric shock  
The Anti-Robbery function with Alarm sound and high voltage electric shock  
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 mistake operation and bumping accidentally  
Automatically remote controlling central door lock  
Environment-friendly, 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 soft-thin Shocking Cushion and backrest with electric shocking module 1set (CPS-1 only), or the unversal Shocking Cushion and backrest with electric shocking module 1set (CPS-1only).  
Electronic Horn 1pc  
Shock Sensor 1pc  
The Relay 1pc

Remote controller 2pc  
The connect wires 1set  
Application Instruction 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 driving just in case of to robbery or to attack by the gangsters , press button “search”, then light will flash quickly, within 10 seconds, press button “Anti-Robbery”, 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 and light flashing till pressing button “open”.

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

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

##### ***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. Alter 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 were attacked by the force such as prizing, dashing, the system would be triggered with the horn screaming and the light flashing, as well as the electric shocking. It can warn to the owner is the car was prized illegally

or being opened directly by the key.

**c. Release Anti-Theft:**

In the Safe Guard Mode, Press button “open”, alter 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. 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. And the electric shock function can also well work in this mode.

**e. Indication touched illegally:**

In the Safe Guard Mode, when the owner opened the door after it was prized or touched illegally, the horn will scream twice to indicate the driver the car has been prized or touched illegally. In this case, the car owner have to check the loss in the car.

### ***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 test:

Press shocking button, 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..

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.

## ***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 driver's 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 it is the soft-thin Shocking Cushion and backrest(CPS-1), it must be covered by the seating, and if it is the universal Shocking cushion (CPS-2), it can put on the driver's seat directly.

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

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

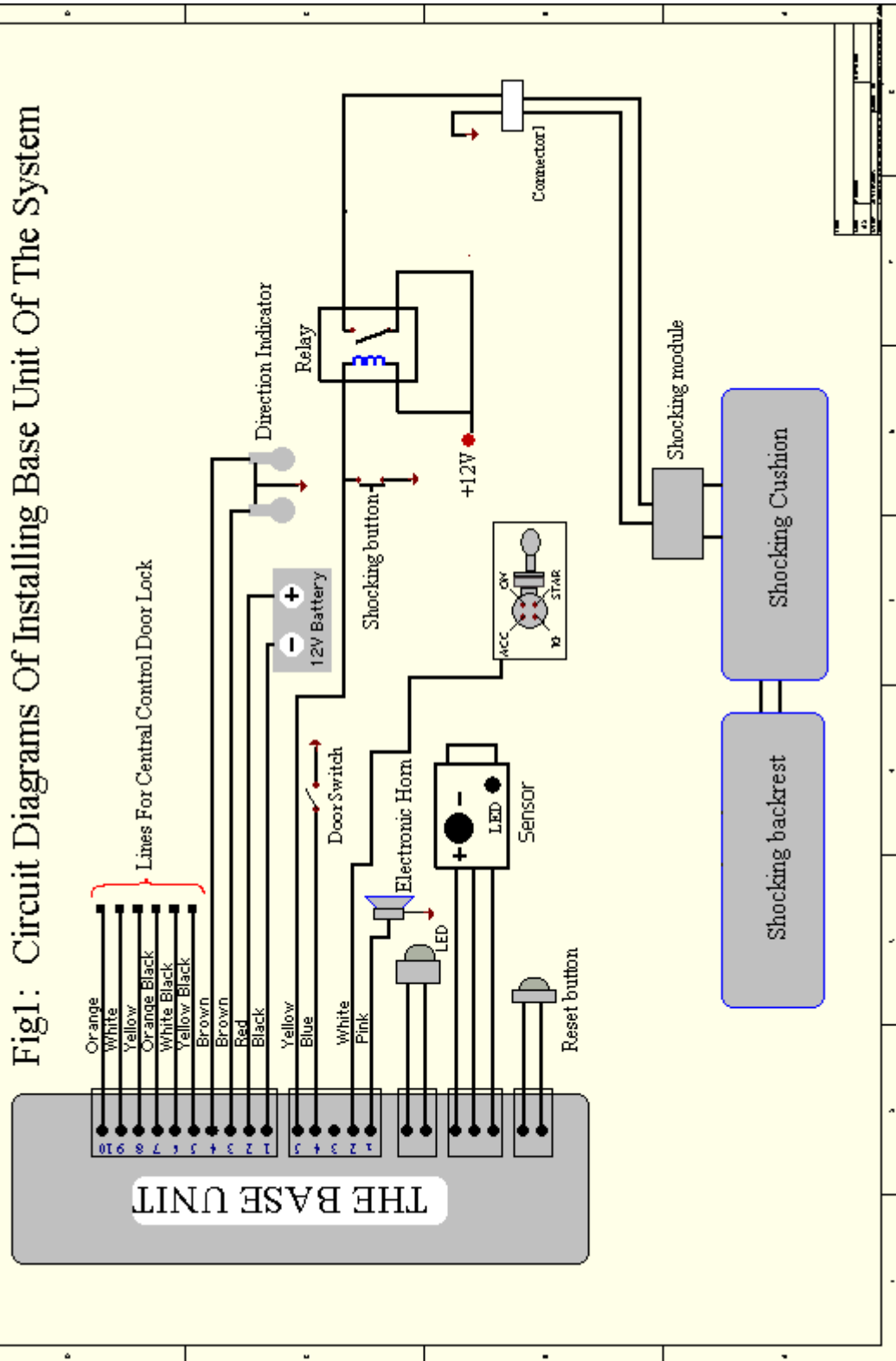
## ***7.Cautions***

Usually the shocking time is within 3 minutes.

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 responsibilities concerned themselves.



Fig1: Circuit Diagrams of Installing Base Unit Of The System



# Instruction Assembling Of The Central Control Door Lock

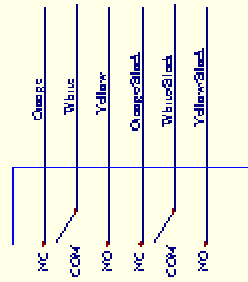


Fig.2. Internal principle

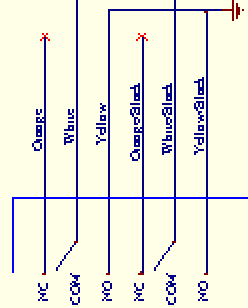


Fig.3. Negative trigger

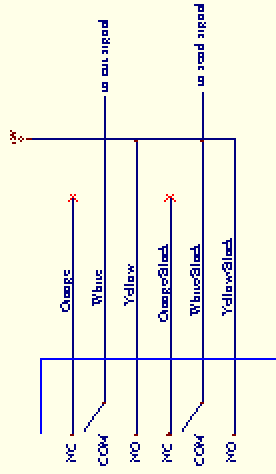


Fig.4. Positive trigger

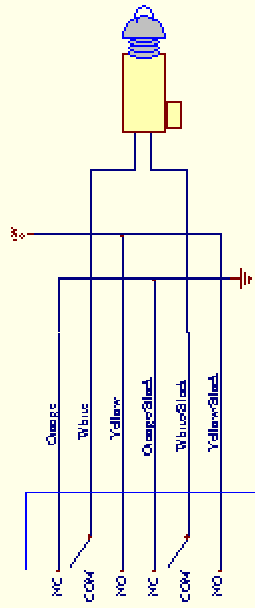


Fig.5. Positive/Negative trigger

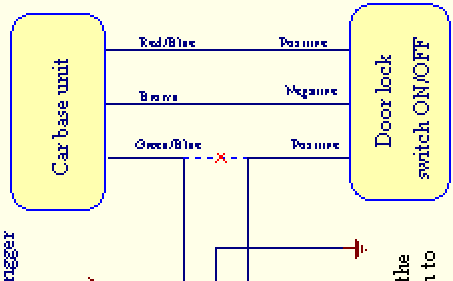


Fig.6. Baro-lock circuit. The main circuit of the door in AUDI, BENZ and P.S can turn to positive/negative trigger signals.

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