

EXHIBIT C

User Manual

INSTRUCTION MANUAL

PLEASE READ ALL INSTRUCTIONS BEFORE INSTALLATION.

MODEL: CA-750 SMART CAR ALARM SYSTEM

FEATURES:

- * Programmable Code-Hopping Microprocessor.
- * Two 2-Button Remote Transmitters With "SAW" Resonator Design
- * Can Learn 6 Different Security Codes Of Remote Transmitters.
- * Active Arming
- * Automatic Passive Arming With Door Lock/Unlock Selection
- * Immobilizer Function.
- * Door Lock Pulse time Setting: 3.0 Seconds Or 1.0 Second.
- * Automatic Passive Re-arming.
- * Auto Re-arming.
- * Remote Control Panic/Car Finder.
- * Remote Control Door Lock/Unlock.
- * Tamper Report.
- * Malfunction By-pass.
- * Multi-function LED Indicator.
- * Built-in 2-Way Parking Light Relays.
- * Mute Arming/Disarming.
- * Starter Disable.
- * Smart Valet Mode System.
- * Override Function.
- * 2nd Channel Output
- * 3rd Channel Output
- * 2-stage Door Unlock (Driver's Door Unlock)
- * Door-pin Malfunction Warning While Armed.
- * Sensors Malfunction Warning While Armed.
- * To Delete The External Sensor From Remote Transmitter.
- * Can Work With External Dual-Stage Shock Sensors.
- * Ignition Door Lock/Unlock
- * 30-second Alarm Time With 4-cycle Limitation.
- * Smart Power On Memory System.
- * Can Be Compatible To Factory Alarm.
- * Transmitter Battery Low Indicator
- * Transmitting Range 100ft Minimum.

SYSTEM CONTENTS

- * The alarm control module
- * A pair of 2-button remote control transmitters.
- * LED indicator
- * Wire harness.
- * A 6-tone siren (OPTION)
- * SS-803 dual-stage shock sensor (OPTION)

Mounting the control module

The control module should be mounted under the dashboard and as far away from the metal and wires as possible. Do not install it permanently until the car alarm installation is completed and tested with accuracy.

Mounting the electronic siren

The siren should be mounted under the hood in the engine compartment. It should not be accessible from outside of the compartment. Mount the siren as far away from the manifold as possible. The manifold heat can disable the siren. Please check carefully if all the wiring signals are connected correctly before you start operating the car alarm system.

PAGE 2. FEATURES & OPERATIONS

* Override Function

To turn the ignition switch on, then press the valet switch 4 times within 10 seconds, and turn the ignition switch off to complete the override function when the siren is on. Use this feature if the remote transmitter is lost or fails to work, the siren will stop and the alarm system will be disarmed.

* Smart Power On Memory System

The alarm system will be back to the original alarm status (arm or disarm) if the +12V or +24V car battery is disconnected and is connected again. For instance, When the alarm system is armed, If the +12 battery is disconnected and is connected again, the alarm system will be back to ARM mode. When the alarm system is disarmed, If the +12 battery is disconnected and is connected again, the alarm system will be back to DISARM mode. This special feature can keep the unauthorized person from stealing your car by disconnecting the +12V battery and connecting the +12V battery again.

* Programmable Code-Learning Procedure

After all the wiring connections are completed, connect the wire harness to the alarm control module. Basically we have programmed the remote transmitters security codes to be learned by the alarm control module before shipments. Yet if users purchase additional remote transmitter, the new remote transmitter code has to be programmed to the alarm control module. First user has to "DISARM" the alarm system, then please proceed the following procedures.

- (1). Within 10 seconds, to turn the ignition switch on first, then press the valet switch 4 times, and turn the ignition switch off. At this moment, user can hear a trembling siren chirp and the green LED. will stay on. It signifies the alarm system is staying at "code-learning" mode.
- (2). To learn a new code, press the big (first) button of the remote transmitter to emit the code to be learned by the alarm control module. There will be one siren chirp and the parking light will flash one time to indicate the successful transmission of PASS 1 of the NEW remote control. The LED. begins to flash continuously
- (3). To press the big (first) button of remote transmitter AGAIN to emit our maker's code to be learned by the alarm control module. There will be two siren chirps and the parking light will flash twice to indicate the successful transmission of PASS 2 of the NEW remote control. Then the LED. will turn off.

Please note that user HAS TO complete PASS 1 and PASS 2 successfully for NEW remote transmitter. So the new (additional) remote transmitter can operate the car alarm system.

- (4). The microprocessor of our alarm control module can learn up to 6 different security codes of remote transmitters.

*** Active Arming**

To use the remote control transmitter only to arm the alarm system.

To press the first button of remote transmitter, the alarm system is armed. The siren will emit one chirp, and the parking light will flash once. The car doors will be locked and the red LED will continue to flash slowly while the alarm system is armed.

To disarm the alarm system by pressing the first button of remote transmitter again. The siren will emit two chirps, the parking light will flash twice, the car doors will be unlocked and the LED will be off while the alarm system is disarmed. At this moment, the remote engine starter can be started (if equipped), the car dome light will be on for 30 seconds, and the factory alarm (if equipped) is disarmed, too.

*** Mute Arming/Disarming**

To press the second button of remote transmitter to arm the alarm system silently. The parking light will flash once when armed. To disarm the alarm system silently by pressing the small button of remote transmitter again, the parking light will flash twice, but the driver's door is unlocked only, the other 3 doors are still locked due to the 2-stage door unlock design.

*** Automatic Passive Re-arming**

If user accidentally presses the transmitter button to disarm the alarm system while being away from the car, the alarm system will automatically arm itself 30 seconds later if nobody open the car door and enter the car.

*** Auto Re-arming**

If an unauthorized person activates the alarm system in the period of car owner's absence, the alarm system will automatically re-arm itself after the 30-second siren chirp.

*** Panic Function**

To press the first button of remote transmitter for 4 seconds to activate the panic function. The siren will continue sounding and the parking light will continue flashing for 30 seconds. Use this feature in an emergency condition or use this feature as car finder in a parking lot.

*** Tamper Report**

To disarm the alarm system, the siren will sound 4 chirps if the alarm system has been activated by an unauthorized person.

*** Malfunction By-pass**

The alarm system will automatically by-pass a malfunction until it is corrected.

*** Built-in 2-way Parking Light Relays**

The 2 pieces parking light relays are included in the alarm control module, and the parking lights will continuously flash for 30 seconds while the alarm system is activated.

*** To Delete The External Sensor From Remote Transmitter**

Press the first button to arm the alarm system, then press the second button within 3 seconds after arming to delete the external shock sensor temporarily (one time).

AGE 4. * Door Unclose Warning While Armed

The siren will sound 3 chirps to indicate that the door is not properly closed when users arm the alarm system.

* 30-second Alarm Time With 4-cycle Limitation

To avoid the exhaustion of the car battery power and to control noise problem, the alarm system will sound its max. 4-cycle alarm time even if the sensor input or the door pin input triggers the alarm system continuously. In case the mentioned situation(s) occur, please ask an experienced technician to examine the input signals from the sensor and the door.

* Can Be Compatiable to Factory Alarm (If Equipped)

Please refer to the wire diagram, and connect the blue/white wire to the input of Factory (OEM) alarm if the factory alarm system has been equipped in the car at the car manufacturer's side. This blue/white wire can supply negative pulse output or continuous signal output.

* 2nd Channel Output

To press the second button for 4 seconds to get the 2nd channel output function. Use this feature for trunk release or for power window module.

* 3rd Channel Output

To press both the first and second buttons of remote transmitter at the same time, the alarm control module will emit a negative pulse signal which can be used as remote engine starter. At this moment, the control module will by-pass the shock sensor even though the alarm system is armed.

* Function (1), (2) Setting & Code Learning Mode & Override

To insert the ignition switch and turn the ignition switch on, then press the VALET SWITCH (?) times, and turn the ignition switch off. It signifies the following functions setting.

- 1). IF (?) = 1 time, MEANS VALET MODE ON/OFF (CHANGED BY TURN)
- 2). IF (?) = 2 TIMES, MEANS TO MAKE THE ALARM SYSTEM AT FUNCTION (1) SETTING.
- 3). IF (?) = 3 TIMES, MEANS TO MAKE THE ALARM SYSTEM AT FUNCTION (2) SETTING
- 4). IF (?) = 4 TIMES, MEANS TO MAKE "OVERRIDE" FUNCTION WHEN ALARM IS TRIGGERED "OR" MAKE THE ALARM SYSTEM TO STAY AT "CODE LEARNING MODE" IF THE ALARM IS DISARMED AT THAT TIME.

* Smart Valet Mode System

Use the alarm valet mode when your car will be served by a parking attendant. To enter the valet mode, user has to turn the ignition switch on first, then press the valet switch 1 time, and turn the ignition switch off. At this moment, the LED. will change to be GREEN color and the GREEN LED. will stay on at valet mode.

It can not be armed actively or passively. Yet the remote control can operate lock/unlock functions, too. To repeat above setting procedure again, the alarm system will exit from valet model (valet off). The alarm system will go back to DISARM mode, and the LED will be off.

* Transmitter Battery Low Warning

If the transmitter battery is low, the parking light will flash 2 times and the siren will sound 2 small chirps to remind the user to raplce a new 3V Lithium battery.

* Function (1) Setting: Please refer the details as follows

	press FIRST button 1 time	press SECOND button 1 time	press 1st & 2nd buttons 1 time
Light & Siren (1) TIME	ACTIVE ARMING	DOOR LOCK PULSE TIME : 1 SECOND	DELETE HORN CHIRP
Light & Siren (2) TIMES	PASSIVE ARMING W/L	DOOR LOCK PULSE TIME : 3 SECONDS	DELETE SIREN CHIRP
Light & Siren (3) TIMES	PASSIVE ARMING WO/L	-----	ENABLE BOTH HORN & SIREN CHIRPs
Light & Siren (4) TIMES	-----	-----	DELETE BOTH HORN & SIREN CHIRPs

W/L MEANS: WITH DOOR LOCK WO/L MEANS: WITHOUT DOOR LOCK

	press FIRST button for 3s.	press SECOND button for 3s.
Light & Siren (1) TIME	IMMOBILIZER FUNCTION "OFF"	ENABLE IGNITION LOCK FUNCTION
Light & Siren (2) TIMES	IMMOBILIZER FUNCTION "ON"	DISABLE IGNITION LOCK FUNCTION

* Function (2) Setting: Please refer the details as follows

	press FIRST button 1 time	press SECOND button 1 time	press 1st & 2nd buttons 1 time
Light & Siren (1) TIME	2-STAGE SHOCK SENSOR	FACTORY (OEM) ALARM NEGATIVE PULSE OUTPUT	W/O TRANSMITTER BATTERY LOW WARNING
Light & Siren (2) TIMES	1-STAGE SHOCK SENSOR	FACTORY (OEM) ALARM CONTINUOUS SIGNAL OUTPUT	WITH TRANSMITTER BATTERY LOW WARNING
Light & Siren (3) TIMES	DELETE SHOCK SENSOR	-----	-----

* Automatic Passive Arming

Please refer to the Function (1) Setting to get passive arming with door lock or without door lock function. The alarm system will arm automatically itself 30 seconds after the user turns the ignition switch off, close the door and leaves his car.

* Immobilizer Function

Please refer to the Function (2) Setting to get immobilizer function on/off. When the alarm system is disarmed, user opens car door and enters into the car, if user does not turn the ignition switch on within 30 seconds after opening the car door, the alarm system will automatically enter into Immobilizer mode and the car engine can not be started unless the immobilizer function is disarmed.

* Door Lock Pulse Time

If user installs the alarm system to Mercedes Benz and Audi cars, user has to select 3-second door lock pulse time to match the central door lock system of such special car. Please refer to Function (1) Setting.

* Door Pin/Hood Pin/Sensor Malfunction Warning

After arming the alarm system, the microprocessor in alarm control module will automatically detect the working conditions of door pin, hood pin and external sensors.

If above mentioned working condition is malfunction, the siren will sound 1 chirps and the parking light will flash 1 times. After 1 siren chirp, the quantity of next coming siren chirps indicate the "Malfunction Position". Please find the details as follows:

Position	Siren Chirps
Door Pin/Hood Pin	1
Shock Senosr	2
Both Pin & Sensor	4

* Multi-function LED Indicator

FUNCTION	SIREN	PARKING LIGHTS	LED
* Arming	1 Chirp	1 Flash	Flashing
* Disarming	2 Chirps	2 Flashes	OFF
* Tamper Report	4 Chirps	4 Flashes	Flashing
* Door Unclose Warning While Armed.	3 Chirps	3 Flashes	Flashing
* Panic	30 Seconds	Flashing	Fast Flashing
* Code-Learning Mode	DZOO Sound		ON (RED)
* Valet ON	1 Chirp	1 Flash	ON (GREEN)
* Valet OFF	2 Chirps	2 Flashes	OFF
* Passive Arming/Re-arming			Fast Flashing
* Immobilizer			ON (RED)

USER INFORMATION

INFORMATION TO THE USER

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.

This booklet is available from the US government Printing Office
*Washington, DC 20402, Stock NO. 004-000-00345-4.

CAUTION: Any changes of modifications not expressly approved by the grantee of this device could void the users authority to operate the equipment.