

TWO-WAY LCD VEHICLE SECURITY AND ENGINE STARTER SYSTEM



Super long distance PLL-FSK technology more than 3000 meters

3D digital shock sensor, which detect six directions even the tilt of the car

Detect and Adjust the shock level at any time

Tachless or Tachness (Oil sensor, High-voltage and Tach) for remote starter (Option)

Smooth operation between -40°C~85°C

Battery capability weaken arming

Auto-detect neutral position of manual car when remote starting

Three kinds of starting mode: Remote Engine Start, Remote Start Timer Mode and Temperature Start Mode

The spot of temperature start can be adjusted by remote control up to user's requirement

IMPORTANT INFORMATION REQUIRED BY THE FCC
THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

TWO-WAY LCD VEHICLE SECURITY AND ENGINE STARTER SYSTEM

2300 Series

MANUAL FOR OPERATION AND INSTALLATION

please read this manual carefully before operate and install the machine

Thank You for Purchasing 2300 Series Long-Range Two Way PLL-FSK Vehicle Security System with 3D Sensor

This vehicle security system features a state-of-the-art technology and PLL-FSK design to give you maximum safety and satisfaction in using the system.

- 1) Please read this manual carefully before using this car alarm system so that you'll take the full advantage of every marvelous features provided by the system.
- 2) The local authorized dealer is responsible for the service and warranty.
- 3) The system requires no specific maintenance. Your remote control is powered by a small 1.5volt LR03 AAA Alkaline battery. When the battery weakens, operating range will be shortened. When the battery icon "██████" turns to the icon "██", please replace the battery.
- 4) This device complies with part 15 of 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. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this device.
- 5) Due to the complexity of this system, it must be installed by an authorized dealer only.
- 6) All the modules and interconnection cables are inaccessible to the end user except the remote control, valet switch, the communication unit and its signal cables.

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I Product Description



Remote Control:

1. Menu icon
2. Save Power
3. Shock level setting
4. Super long distance PLL-FSK technology more than 3000 meters
5. Visual and audio alert on Remote Control and temperature indicate on Remote Control



BrainUnit:
Detect the temperature inside the car



Remote Starter Module:
Gear checking function for manual car,
guarantee the security.



Antenna: 1. 3D sensor built-in
2. Temperature compensation
3. Adopt PLL-FSK technology
at 433. 92MHz

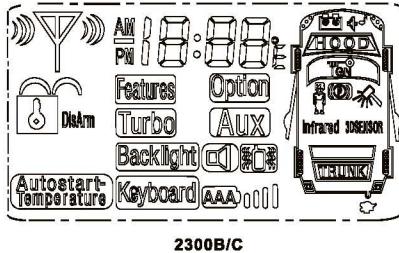


Valet Switch is for Disarm the system without
Remote Control, Program Features and Code
Memorizing of Remote Control.

TABLE OF BUTTONS CONFIGURATION

II The Setting of Remote Control

1. LCD Screen Description



2300B/C

Notes:

1. The LCD screen of 2300B and 2300C are the same.
2. The contents of the LCD screen of 2300A, 2300B and 2300C are the same.
3. The instruction below follows the 2300B.

Icons	Icon Descriptions
	Receive State of remote control
	Transmit State of remote control
	Alarm of the car slope
	Battery of car (When it appears, showing the shortage of battery)
	Mute of car alarm system (When it disappears, showing the mute status)
	Hood
	IGN State of car
	Alarm of shock
	Door
	Hand Brake (it is only effective to the vehicle with starting function)
	Field disturbance sensor (microwave sensor)
	Trunk
	Remote starts successfully or remote start timer mode ON
	Arm
	Disarm
	Turbo mode
	Auto-start by assigned temperature
	Backlight of remote control
	Keylock of remote control
	Programmable auxiliary output
	Battery of remote control
	The sound of remote control
	The vibration of remote control
	Multifunctional Display
	Morning
	Afternoon
	Time

TABLE OF BUTTONS CONFIGURATION

Icons	Icon Descriptions
	Centigrade
	Fahrenheit
	Temperature
	Features choice from 1 to 15
	Options choice from 1 to 3
	Shock sensor level from 1 to 8
	The level of Multi-level Securiy Arming from 2 to 5

2. The Button Description

Button	Duration	Function	Condition
	0.5 sec	Arm and Lock	Non-driving
	2.0sec	Panic Mode	
	0.5 sec	Disarm and Unlock	
	2.0sec	Trunk Release	Any time
	0.5 sec	Remote Query	
	2.0sec	Auxiliary Channel 5 Output	
	0.5 sec	Remote Start Timer Mode ON/OFF	
	0.5 sec	Remote Start ON/OFF	Non-driving, Armed
	0.5 sec	Lock	
	2.0sec	Anti-robery	Driving
	0.5 sec	Unlock	
	0.5 sec	Turbo Mode ON/OFF	Any time
	2.0sec	To Activate Set-up Menu	
	0.5 sec	Keylock ON/OFF	
	0.5 sec	The digital Increment	Adjust the digital
	0.5 sec	Function Confirm	Menu Activated
	0.5 sec	Function Cancel	
	0.5 sec	Function Shift	

Note: “+” means press the buttons in sequence within 2 seconds.