# BULLDOG SECURITY

## Owners Manual
### MODEL DELUXE 500

**Bulldog Warranty Information**
All Bulldog models have a Limited Lifetime Warranty on the main control module.

All parts excluding the control module have a two year warranty against defects in workmanship, This includes shock sensors, remote transmitters and sirens. The control module will be repaired or replaced at our discretion for up to a 12 month period at no charge. After 12 months a $30.00 fee will be charged for repair or replacement of the control module.

Removal and reinstallation charges are not the responsibility of JBS Technologies, LLC the manufacturer of Bulldog Security. Warranty registration must be completed within 14 days of the original date of purchase. Registration can be mailed in or performed on line at www.bulldogsecurity.com. JBS Technologies makes no warranty against the theft of a vehicle or its contents. This warranty only extends to the original system purchaser in the vehicle it was originally installed in.

**Limitation of Remedies**
The purchasers remedy is limited to the repair or replacement of the unit and in no event shall exceed the purchase price. Incidental, consequential and or indirect damages are expressly disclaimed. No person or entity is authorized to alter or amend this limited lifetime warranty.

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**WARNINGS:**
As with any product that performs automatic functions, there are certain safety precautions that you must
practice and be aware of.
1. Keep all transmitters out of the reach of children
2. Do not leave anyone in the vehicle while running in remote control mode.
3. Notify servicing personnel that the vehicle can be remote started.
4. Do not start the vehicle by remote while the vehicle is in an enclosed area or garage.
5. Always apply the parking brake and lock the vehicle before exiting.
6. The use and operations of this system is the sole responsibility of the operator.
7. Some areas may have local ordinances that prohibit leaving a vehicle running on public streets.

### A. REMOTE TRANSMITTER OPERATION:

| Transmitter Button | System Function or Feature | Remark |
|---|---|---|
| 🔒 | Lock Doors & Arm the Security System | |
| 🔒 | Car Locator | **Works when armed only** |
| 🔒 **(3 sec.)** | Panic function | **Press and hold for 3 sec.** |
| 🔒 + 🔓 | Silent Arming / Disarming | **Ign. in the "Off" position.** |
| 🔓 | Unlock Doors & Disarm System | |
| 🔓 - 🔓 | Two Steps Door Unlock & Disarm System | **Press twice within 3 sec.** |
| 🔓 **(2 sec.)** | Trunk Release (Channel 3) | **Press and hold for 2 sec.** |
| 🔓 - 🔓 | Passive Arming By-pass | **While system is disarmed.** |
| 🔓 - 🔓 - 🔓 | Remote Control Entry/Exit Valet Mode | **While system is disarmed, Press within 3 seconds** |
| ✳ - ✳ | Activate or Turn Off The Remote Start | **Press twice within 3 sec.** |
| 🔒 + 🔓 | Channel # 4 Timer Output | |
| 🔓 + 🔓 | Channel # 5 Timer Output | |
| ✳ + 🔓 | Channel # 6 Timer Output | |
| 🐾 | Switching code for 2nd Car Operation | **For regular remote trans.** |

**B. TWO-WAY LCD REMOTE CONTROL TRANSCEIVER OPERATION:**

| Transceiver Button | System Function | Remark |
|---|---|---|
| SET- SET- 🔒 **(C)** | System's Status Check | **Press within 3 sec.** |
| SET- 🌡 **(↓)** | Monitor Indoor Temperature | **Press within 3 sec.** |
| SET- ✳ **(⊙)** | Daily Timer Start | **Press within 3 sec.** |
| SET (1 sec.) | LCD screen lamp turns on for 5 seconds. | **Press and hold for 1 sec.** |
| SET-SET- SET | Clear the Flash Icon and Melody Sound on the LCD Screen Transmitter | **Press within 3 sec.** |
| SET- 🔒 +🔒 (2 sec.) | Switching code for 2nd/1st Car Operation | **Press within 3 sec.** |

**C. LED Status Display Chart:**

| LED | Function |
|---|---|
| Off | Disarmed |
| Slow Flash | Armed |
| Fast Flash | Passive Arming |
| On (solid) | Valet Mode |

**D. Chirp Indicators**

| Chirp | Function |
|---|---|
| 1 chirp | Arm |
| 2 chirps | Disarm |
| 3 chirps | Ajar Warning |
| 6 chirps | Car Locator |

**E. Parking Light Indicator Display Chart:**

| | |
|---|---|
| 1 Flash | Arm |
| 2 Flashes | Disarm |
| 12 Flashes | Car Locator |
| Constant On | Under Remote Start Operation |

### F. ALARM OPERATING CONDITION:

| | Horn/ Siren | Parking Light | LED | Doors | Starter | Dome Light |
|---|---|---|---|---|---|---|
| 1. Arming | 1 or 3 Chirps | 1 Flash | Slow Flash | Locking | Disable | |
| 2. Disarming | 2 or 4 Chirps | 2 or 3 Flashes | | Unlocking | | Turns on for 30 sec. |
| 3. Trigger | Alarming | Flashes | Slow Flash | | Disable | Flashes |
| 4. Passive Starter Disable | | | Fast Flash | | Disable | |
| 5. Panic | Alarming | Flashes | | | | Flashes |
| 6. Car-jacking | Alarming | Flashes | | | Disable | Flashes |
| 7. Car Locator | 6 Chirps | 12 Flashes | | Locking | | |

### G. ACTIVE ARMING – LOCK & ARM:

**1.** Press the 🔒 **button** on the transmitter.

**2.** The siren will chirp once and parking lights will flash once and remain **ON** for 10 seconds indicating that the system is now armed. The vehicles doors will lock upon arming when interfaced with the security systems keyless entry.

**System Arm**
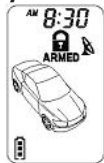


**Door Ajar**
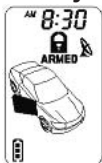


**Clear The Flash Icon:**
Press the **SET** button 3 times within 3 seconds will clear the flash icon on the LCD screen transceiver.

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**H. SILENT ARMING / DISARMING:** Pressing the transmitters 🔒 and 🔓 buttons at the same time will arm or disarm your security system, No chirping sound will be heard, arm / disarm confirmation will be through the vehicles parking lights only.

**I. PASSIVE STARTER DISABLE**:
The purpose of this feature is to protect the vehicle from being stolen at all times, regardless of whether or not the alarm is armed.
The vehicles starter will be disable 60 seconds after the ignition is turned off. Once the key is turned off, the LED will flash fast for 60 seconds. After the 60-second timer has elapsed, the LED will flash slowly (one-half its normal armed rate) to indicate the **passive starter disable** is activated and the system will not respond to any trigger input except the ignition trigger.

**J. PASSIVE ARMING**
Active arming / disarming is controlled by your security systems remote transmitter. The security system is equipped with an optional **"Passive Arming feature"**, which allows the security system to arm 30 seconds after the last door is closed. Operation is as follows.
**1.** Turn the ignition key to the **"OFF"** position and exit the vehicle.
**2.** After all doors are closed, the security systems LED will flash fast for 30 seconds. If you re-open any door, hood or truck, the security systems LED will stop flashing. It will begin flashing again once these are closed.
**3.** After the 30-second timer has elapsed, the security system will automatically "ARM". The siren will chirp [1] time and the parking lights will flash [1] time and then remain **"ON"** for 10 seconds.

**PASSIVE ARMING WITH PASSIVE DOOR LOCKING**:
The vehicles doors will automatically lock after the passive arming cycle has been completed.

**PASSIVE ARMING BY-PASS:** While the system disarmed, Press the 🐾 button twice, the security system will respond with [1] chirp and LED will turn **"ON".** The security system will remain in this temporary state for as long as you wish. To exit passive by-pass, press the transmitters 🔒 or 🔓 buttons and the system will return to normal status.

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### K. ACTIVE DISARMING – UNLOCK & DISARM:

**System Disarm**



1. Press the 🔓 **button** on the transmitter.
2. The siren will **chirp (2) times** and **parking lights will flash (2) times** and then remain **"ON"** for 30 seconds indicating that the security system is now disarmed. The vehicle's doors will unlock and dome light will turn **"ON"** for 30 seconds upon disarming when interfaced with the security system.

**TWO STEPS DOOR UNLOCK**: This feature will independently unlock the driver's door only when disarming the security system. Pressing the 🔓 **button** a second time within 3 seconds will **unlock the remaining doors.**

**AUTOMATIC RE-ARM**: If this feature is selected, the security system will automatically re-arm itself in 60 seconds after disarming with the remote transmitter. Automatic rearm will cancel if any door is opened before the 60 second timer has elapsed.

### L. DISARMING WITHOUT A TRANSMITTER
**OVERRIDES THE ALARM WITHOUT PASSWORD PIN CODE:**
The override function may be used if the remote transmitter is lost or inoperative.
1. Enter the vehicle and turn the ignition switch to **"ON"** position. (Alarm will sound.)
2. Within 10 seconds press and release the valet switch,
   The alarm will stop sounding and enter the disarm mode. You can now start and operate the vehicle normally with the ignition key.

### M. VALET MODE:
The valet switch allows you to temporarily bypass all alarm functions, eliminating the need to hand your transmitter to parking attendants or garage mechanics. When the system is in **"Valet Mode"**, all alarm function and remote starter functions are bypassed, however the remote **panic feature** and remote door locks will remain operational. To use the **"Valet Mode"**, the system must first be disarmed either by using your remote transmitter, or by operating the Manual override sequence.

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**Enter Valet Mode:**
1. With the unit Disarmed, turn the ignition to **"ON"** position.
2. Press and hold valet/program switch for 2 seconds until the LED turns **"ON"**. The LED wills remain on as long as the system is in **"Valet Mode"**.

**Exit Valet Mode:**
1. To return to normal operation, turn the ignition **"ON"**.
2. Press and hold the valet/program switch for 2 seconds. The LED will turn **"OFF"** indicating the system has exited **"Valet Mode"**.

**REMOTE VALET: (System in Disarm or Valet mode)**
Press and release the 🔊 **button** on the transmitter **(3) times** within 3 seconds to enter / exit valet mode. **(1) parking flash** confirms entering **"Valet Mode"** and **(2) parking light flashes** confirms exiting of valet mode.

**N. CAR FINDER**
In **armed mode**, press the 🔒 **button** to active car locator function. The siren will chirp **(6) times**. The parking light will flash (**12) times**, for you to easily locate your car.

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### O. PANIC MODE:

The transmitter can be used as a remote panic switch to manually trigger the alarm in case emergency.

1. Press and hold the 🔒 **button** for 3 second. The alarm will immediately sound.
2. During **"Panic Mode"**, the normal function of this trans-mitter button will be suspended. The 🔒 and 🔓 **buttons** can be used to lock and unlock the doors (if the option is installed), however once the 🔓 **button** is pressed, the vehicle's starter disable device, (if installed) will be enable allowing the vehicle to start.
3. To stop the **"Panic Mode"**, press and hold the 🔒 or 🔓 **buttons** on the transmitter again for 3 seconds, if any transmitter button other than the 🔒 or 🔓 **button** is pressed and released, the **"Panic Mode"** will be turned off immediately.
4. If the button is not pressed, the alarm will automatically stop after 30 seconds.

### P. SYSTEM'S STATUS CHECK

When you want to check the system's present status through the LCD screen, Press the transceiver 🔒 **button (2) times**, within 3 seconds press the **(SET) button**. It responds with one melody sound, the LCD screen should be illuminated.
**Note: If there is no responce then you are out of range.**

### Q. DOME LIGHT SUPERVISION

The alarm has a unique feature that will turn **"ON"** your vehicles dome light as follows:
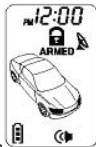1. Upon disarming, the interior dome light will remain **"ON" for 30 seconds**.
2. If the vehicle is intruded, the interior dome light will flash for the same duration as the siren.
**Note: Turning on the ignition switch or arming the alarm will turn off the dome light**.

### R. IGNITION CONTROLLED DOOR LOCK/UNLOCK.

If the vehicles door locks have been interfaced to the security systems keyless entry, the system will automatically lock the vehicle's doors when the ignition is turned **"ON"** and will unlock the vehicle's doors when the ignition is turned **"OFF"**.

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### S. TRUNK RELEASE (CHANNEL 3) OUTPUT.

Press and hold the 🔊 **button** on the transmitter for two seconds to remote control the trunk release or other connected electronic devices.



### T. CHANNEL 4 TIMER CONTROL OUTPUT

Press the transmitters 🔒 **(4)** and 🔊 **(4) buttons** at the same time to active the **Channel 4 function**. Channel 4 is user-programmable timer output. You may program the built-in timer to send a ground signal for any time duration from 1 second to 120 seconds. For instance, this timer output may be used to turn on the headlights, power windows or sunroof. **(Factory defaults setting at momentary output.)**

### U. CHANNEL 5 TIMER CONTROL OUTPUT

Press the transmitters 🔒 **(5)** and 🔊 **(5) buttons** at the same time to active the **Channel 5 function**. Channel 5 is user-programmable timer output. You may program the built-in timer to send a ground signal for any time duration from 1 second to 120 seconds. For instance, this timer output may be used to turn on the headlights, power windows or sunroof. **(Factory defaults setting at momentary output.)**

### V. CHANNEL 6 TIMER CONTROL OUTPUT

Press the transmitters **(6)** and **(6) buttons** at the same time to active Channel 6 function. Channel 6 is user-programmable timer output. You may program the built-in timer to send a ground signal for any time duration from 1 second to 120 seconds. For instance, this timer output may be used to turn on the headlights, power windows or sunroof. **(Factory defaults setting at momentary output.)**
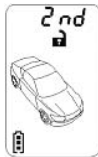
### For 2-way LCD Remote Control Transceiver:
### 2nd Car Operation:
**1**. Press the **SET button** first, within 3 seconds press and hold the 🔒 and 🔓 **buttons** together for 2 seconds with two beeping sounds and the "*2 nd*" icon will display on the LCD screen to indicate the second transceiver pin code has been learned.

**2**. With the "*2 nd*" icon displayed on the LCD screen, you can remote control and communicate with the second vehicles security system. It has **two** short "bi" sounds while pressing the button of the LCD screen transceiver.

### Back to 1st Car Operation:
**1**. Press the **SET button** first, within 3 seconds press and hold the 🔒 and 🔓 **buttons** together for 2 seconds with **one** long beeping sound, the "*6:00*" **timer** icon will display on the LCD screen to indicate the system is back to first transceiver pin code.

**2**. While the "*6:00*" **timer** icon is displayed on the LCD screen, you can remote control and communicate with the first vehicles security system. It has **one** short "bi" sound while pressing the button of the LCD screen transceiver.
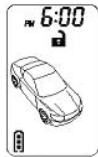
## A. TO REMOTE START THE VEHICLE:

**Activate Remote Start**

When you want to Remote Start your vehicle,

**1**. Press the ✱ **button** twice on the transmitter

**2**. The parking light will flash to indicate the remote starter received the signal. (A melody sounding from your Remote LCD transceiver and the "⚙ᵢ₉ₙ" icon will flash on the LCD screen to confirm the remote starter was activated.)

**3**. The engine will start in approximately 5 seconds.

**4**. Once the engine is running, after couple seconds the parking light will turn **on** and climate controls will activate and adjust the vehicles interior temperature to your preset setting. (While the vehicle is running, the "🔓" icon and the "minutes" digit on the LCD screen will flash and it will indicate a count down timer based on the 5, 10, 20 or 30 minute run time you have selected)

**Engine Running**

**5**. The vehicle will run for 5 to 30 minutes and automatically shut down. (When the unit shuts off the count down timer will turn off and the transmitter will play a melody.)

**NOTE:** The Remote Start Unit will not start the vehicle if any one of the followingconditions exists:

**1**. The hood is opened.

**2**. The brake pedal is pressed.

**3**. Move the optional remote start enable toggle switch to **"OFF"** position. (If installed)

**4**. The gear selector is in any gear other then "PARK" or "NEUTRAL"

**5**. The e-brake is not set. (for Standard Transmission Vehicle)

## SAFE START (Child safety mode)

(Factory defaults setting) press the ✱ **button** twice on the transmitter to start the vehicle. Programming this feature will eliminate an accidental remote start, when kids enter this transmitter, it enquires:

The user presses the transmitters 🔒 and ✱ **buttons** at the same time to remote start the vehicle.

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## B. ENGINE START MEMORIZING FOR VEHICLES WITH MANUAL TRANSMISSIONS

The system senses the neutral transmission position automatically and there is no prior set-up required. The system in the standard transmission vehicle operates a process that when you exit the vehicle it senses and memorizes the neutral transmission position. If the vehicle is equipped with a automatic transmission, this process is omitted.

**1**. While engine is running with ignition key, set the emergency brake and place the transmission in the neutral position.

**2**. Before turning off the engine, press the ✱ **button** twice on the transmitter.
-- The LED indicator will flash 3 times to confirm it is entered.

**3**. Turn off the "Ignition Key" and remove it from the key cylinder.
-- The engine will continue running until the pre-programmed time elapsed or a shutdown input is received.--

**4**. Exit the vehicle, close all doors.
-- The engine should still continue running, this is a normal operating process.

**5**. Within **1 minute** from the time of step 1, press the 🔒 **button** on the transmitter to **lock the doors**.

**6-1**. If the engine shuts down immediately and the system is now ready for next remote (or programmable) engine starts.

**6-2**. If the engine **does not shut down** immediately, the system has failed in engine **start memorize set up**, repeat above process again.
If a door is opened after the above process, the prior memorization for the next remote or programmed engine start sequence was delete and the function shall not work until you repeat above process again.

**Note: If the engine start memorize is set up, the dome light supervision function will be temporarily by-passed.**

## C. TO OPERATE THE VEHICLE
### WHILE RUNNING IN THE REMOTE START MODE:

To operate the vehicle while running in the remote start mode:
Insert the ignition key and turn it to the **"ON"** (not the start) position.
Press the brake pedal.

**Note: If the brake pedal is pressed before the key is in the "ON" position, the engine will shut down.**

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### D. PIT-STOP FEATURE:

This feature allows the vehicle to remain running after the key has been removed from the ignition switch. This feature is useful for occasions when you wish to exit and lock the vehicle for short periods of time, but would like to leave the engine running and the climate control **on**.

1. Before turning off the engine, press the **✳ button** twice on the transmitter and the LED indicator will flash 3 times to confirm the program was entered.
2. Turn the ignition key to the **OFF** position. (The engine will stay running.)
3. The engine will run until the pre-programmed time elapsed or a shutdown input is received.

**Note: For Standard Transmission Vehicles: Before pressing the ✳ button, set the emergency brake first.**

### E. TURBO COOL-DOWN TIMER MODE: (See **Alarm Feature "2 - 5" Programming**)

Turbo Cool Down timer mode keeps the engine running after arriving at your destination for a programmable period of 1, 3 or 5 minutes, This allows the system's run time to conveniently cool down the turbo after you have left the vehicle. To activate:

**1**. While engine is running, place the transmission in the park position and set the emergency brake.

**2**. Before turning off the engine, press and release the 🔒 and **✳ buttons** at the same time.
   -- The parking light wills turn **on** to indicate the remote starter has entered turbo cool down mode. --

**3**. Turn the ignition key OFF and remove it from the key cylinder.
   -- The engine will remain running. --

**4**. Exit and secure(lock) the vehicle.
   **--** The engine will remain running until the pre-programmed time has elapsed. **–**

### F. TIMER / TEMPERATURE START:

This unit can be programmed to start and run the engine every **2 or 3 hours** or punctually at the same time the next morning, the engine will run for the programmed running time and then shut down.

**IMPORTANT**: Timer Start should be used only in open areas, never start and run the vehicle in an enclosed space such as a garage or carport.

**2 to 3 hour "Timer Start" with Temperature-Control "OFF":** This feature is design for an extreme cold climate usage. The system will automatically start the vehicle every 2 or 3 hours, to prevent the engine from freezing and to prevent a vehicle from being hard to start. A MAXIMUM OF SIX CYCLES CAN OCCUR.

**2 to 3 hour timer start with Temperature-control:**
If you programmed the **temperature ON** to operate. The system can be programmed to automatically start the vehicles engine whenever the temperature inside the vehicle reaches or drops below the preprogrammed temperature level. The system will monitor the air temperature every 2 to 3 hours and will only start the engine during extreme cold temperatures. There are (3) three temperature levels to choose from.

**Daily Timer Start:** This feature is very useful for the driver who wants to run the vehicle punctually at the same time the next morning. Before setting up the **"Daily Timer Start",** you should set you time for engine start. **(** see **Timer Setting / Timer set-up for "Daily Timer Start, page 16) To ENTER:**

**1.** Press the ✳ **button** twice to remote start the vehicle. As soon as the vehicle is running the parking lights will turn on or start flashing.
**2.** Immediately depress the 🔥 **button** once, within 2 seconds.
**3-a**. **2 to 3 Hour Timer Start:** Rapidly depresses the ✳ **button.** The parking light will flash (3) times. The siren or horn chirps (3) times. The vehicle is now programmed to start every 2 to 3 hours.
**3-b. Daily Timer Start:** Depress the transceiver **SET button** first, within 3 seconds press ✳ (🕐) button. The parking lights will flash (6) times. The siren chirps (6) times. The vehicle is now programmed to start at this set time, the next day. Your set time for the next day, the engine start flashes for approx. 3 seconds on the LCD screen. After 3 seconds the 🕐 icon stays displayed on the LCD screen.
**4.** Press the brake pedal to shut the engine off.

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## REMOTE START OPERATION

**Exit the timer start:**
**1**. Timer start can be exited manually as follows:
Make sure the engine is **not** running in remote start mode.
**2**. Turn the ignition key **ON**. The LED and parking lights will flash (4) times. The horn chirps (4) times.

**Or**

**1.** Press the **✳ button** twice to remote start the vehicle. As soon as the vehicle is running and the parking light have turned **on** or are flashing.
**2.** Immediately depress the **button,** then press and hold the **✳ button** for 2 seconds. The parking lights will flash (4) times. The siren or horn chirps (4) times. The vehicle is no longer programmed to start automatically.

### G. INTERIOR TEMPERATURE MONITOR
You can monitor through the LCD screen, the present interior temperature of the passenger compartment before cooling or heating your vehicle. Press the transceiver **SET button** first, within 3 seconds press the **(♪) button**; the interior temperature will be shown on the LCD screen. This reading may be higher than actual ambient temperature due to the greenhouse effect and is relative only the inside vehicle temperature.

### H. TO TURN OFF THE REMOTE START:
When the engine is running (in remote start mode), to shut the engine off: Press the **✳ button** twice on the remote transmitter. Move the optional remote start enable toggle switch to the **"OFF"** position. (If installed) Press the brake pedal. Release the emergency brake. (for Standard Transmission Vehicle) The vehicle will shut down and turn off the parking lights to indicate engine has stopped.

## REMOTE START OPERATION

### I. SHUT-DOWN INPUT FOR REMOTE STARTER:
If any of the following conditions exists while the system is operating, the engine will not start or will shut down immediately:
1. The hood is opened.
2. The brake pedal is pressed.
3. The emergency brake is released (for Standard Transmission Vehicle)
4. Engine is over-revved. {"**Tachometer checking type**" only}
5. The pre-programmed run time (5 /10 / 20 / 30 minutes) has elapsed.
6. Pressing ✶ **button** twice on the remote transmitter.
7. Move the optional remote start enable toggle switch to **"OFF"** position. (If
   installed)
8. If the engine does not start with {3} attempts.

### J. DISABLING THE REMOTE START SYSTEM: (If installed)
This feature allows your system's remote starter to be temporarily disabled to prevent the vehicle from being remote started accidentally. This feature is useful if the vehicle is being serviced or stored in an enclosed area. To disable the remote starter, move the optional remote start enable toggle switch to the **"OFF"** position.

### LCD REMOTE TRANSCEIVER:
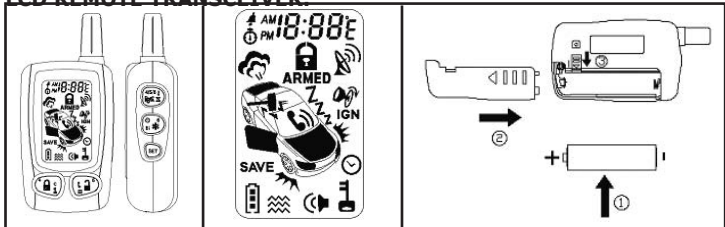


**Note: the system may be interfered with by stronger radio frequency, sources of high voltage electric power lines or obstacles such as tall buildings, the transmission range may be shorten due to the systems use of a low powered output frequency.**

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## K. BATTERY REPLACEMENT:

A 1.5V type AAA Alkaline battery powers the Remote Transceiver. When the power of the battery weakens a 🔋 icon will be displayed on the LCD screen. When the old battery is replaced with a new one, there will be beep sound that indicates the power is up and the clock on the LCD screen returns to AM12:00 after displaying all the icons. Set the correct time by pressing for 3 seconds before using. (See Timer Setting).

**Note : Press the 🔒 button two times with the battery removed, then insert the new battery**.

## L. THE REMOTE LCD ICON DESCRIPTION CHART :

**Door Lock**
Your vehicle doors are locked.

**Door Unlock**
Your vehicle doors are unlocked.

**ARMED Armed Mode**
Your vehicle is in armed mode.

**Z_z_z Valet Mode**
All the functions are temporarily on hold.

**Remote Transmission**
You are transmitting the signal to the control unit.

**In-Range Indicator**
The system is within the remote control range.

**Door Open Warning**
Doors are opened.
(Zone 3)

**Trunk/Hood Trigger**
Trunk or Hood is opened.
(Zone 2)

**Shock Sensor Trigger**
Trigger on Shock Sensor
(Zone 4)

**Warn Away Trigger**
Trigger on Shock Sensor
(Zone 1)

**Engine Starting**
Your vehicle's engine is starting by remote control.

**Engine Running**
Your vehicle's engine is running in remote start mode.

**Timer Control Start**
Engine will automatically start at the same time the next day or every 2 to 3 hours.

**-20c Temperature Monitor**
The interior temperature of your vehicle.

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## REMOTE START OPERATION

*12:00* **Time Monitor**

*12:00* **Alert Alarm**
You have set the morning call alarm.

*0:10* **Count Down (Parking) Timer**
Reminder when your time is up for parking.

**SAVE Power Save Mode**
Saves the battery power.

**≋ Vibration Mode**
Remote control vibrate when the system is triggered.

**Button Lock**
Disable the transmission functions temporarily.

**Low Battery**
You must replace the battery in the remote control.

### M. PROGRAMMING THE LCD REMOTE TRANSMITTER:

| Transmitter Button | Description | Operation |
|---|---|---|
| **SET** (1 second) | LCD screen lamp turns on for 5 seconds. | Press and hold for 1 sec. 1 melody sound to confirm enters. |
| **SET** (3 seconds) | Timer Programming Mode. | Press and hold for 3 sec. 2-melody sounds to confirm enter. |
| **SET** (5 seconds) | Power Save Mode | Press and hold for 5 sec. 1 Melody sound to confirm enters. |
| **SET**- **SET**- **SET** | Clear the Flash Icon and Melody Sound on the LCD Screen Transmitter | Press within 3 sec. |
| **SET**- 🔒 (2-sec.) | Button Lock (🔒) enable/disable | Press within 3 sec. |
| **SET**- 🔒 (2-sec.) | Melody / Vibration (≋) Mode | Press within 3 sec. |

## REMOTE START OPERATION

| Transmitter Button | Description | Operation |
|---|---|---|
| **SET** - 🔥 (2-sec.) | Program Count Down Timer (⏱) (10-Minute/20M/30 M/1Hour/ 1.5H/2.0H) | Press within 3 seconds *let the buttons start counting down then ⏱ flashes |
| **SET** - (2-sec.) | Enable/Disable Beep Sound (**Bi**) While Pressing Button | |

1. **Screen Lamp ON:** Press and hold the **SET button** one second, with one melody sound and the LCD screen lamp will turns on for 5 seconds.

2. **Power Save Mode:** While the power save mode, the LCD remote transceiver uses "0" current to save the battery power.
**Entry:** Press & hold the **SET button** for 5 seconds, with one melody sound and **SAVE** icon on the LCD screen to indicate entry the "power save mode". **Exit:** Press any button of the LCD remote transmitter to exit the "Power Save Mode".

3. **Clear the Flash Icon and Melody Sound:** Press the **SET button** 3 times within 3 seconds will clear the flash icon and melody sound on the LCD screen transceiver

4. **Stop The Trigger Melody Sound:** While triggering the alarm the LCD screen will alert user through melody sound and flashing trigger icon, press any button on the LCD remote transmitter to stop the melody sound only.

5. **Button Lock:** It is useful if you want to disable the transmission function of the remote control temporarily to prevent from any inadvertent pressing of buttons by others. Press the **SET** button first, within 3 seconds press and hold the 🔒 (🔒) **button** for 2 seconds to activate or cancel the button lock function, the 🔒 icon will displayed on the LCD screen to show the LCD remote transmitter is on "Button Lock".

6. **Vibration / Melody Mode:**
It is useful when you are in a noisy place and difficult to hear beep sound from the remote control as the remote control in this mode, vibrates if your security system is triggered. Press the **SET button** first, within 3 seconds press and hold the 🔒 (≋) **button** for 2 seconds to select the mode of vibration or melody, the ≋ icon will displayed on the LCD screen to show the LCD remote transceiver is on vibration mode.

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**7. Enable / Disable Beep Sound While Pressing Button:**
It has a short "bi" sound while pressing the button of the LCD screen transceiver. If you want mute the "bi" sound mute always while press button. Press the  button first, within 3 seconds press and hold the ✳ **(Bi) button** for 2 seconds, to disable the "beep" sound.

**8. Low Battery Indication:**
When the power of the battery weakens, it has two short "beep" sound and flash ⊏⊐ icon while pressing the button of the LCD screen transceiver.

**9. Set Up Fixed Count Down Timer:**
1. Press the **SET button** first, within 3 seconds press and hold the 🌡 **(Ó) button** for 2 seconds, the LCD screen will shows Ó icon and timer (ie. 0:10).
2. Press the **(Ó) button** again showing next order time on the screen (ie.0:20), press them again (ie.0:30)…..and so on.
3. Leave the buttons starting count down then Ó icon flashes.

**Note:**
1. The count down period is fixed as 10 minutes, 20 minutes, 30 minutes, 1 hour, 1.5 hours and 2 hours maximum.
2. When count down timer showing 0:00 means to turn off the timer.
3. Press the **SET button** for real time indication when the timer is counting down.

**10. Out Of Range Indication:**
The system will automatically check the range every 20 minutes after armed.
1. If user is within the range, the ⓧ icon will display on the LCD screen.
2. If user is out of range, it has five short "bi" sounds and the ⓧ icon will disappear on the LCD screen.

**TIMER SETTING CHART:**

| Transceiver Button | Description | Press Transceiver Button |
|---|---|---|
| 1 Press and hold the **SET** button for 3 sec. | **Timer Setting** (Hour) *Flash digit for adjusting | ✳ for **–** and 🌡 for **+** |
| Press the **SET** button once | Time setting (Minute) *Flash digit for adjusting | ✳ for **–** and 🌡 for **+** |

## LCD REMOTE CONTROL TRANSCEIVER

| Transceiver Button | Description | Press Transceiver Button |
|---|---|---|
| 2 Press the **SET** button once. | **Alert Alarm Time Setting** (Hour) *Flash digit for adjusting | ✳ for **–** and 🕭 or **+** |
| Press the **SET** button once | Alert Alarm Time Setting (Minute) *Flash digit for adjusting | ✳ for **–** and 🕭 for **+** |
| Press the **SET** button once | Alert Alarm Setting ON/OFF | ✳ for **OFF** and 🕭 for **ON** |
| 3 Press the **SET** button once | **Count Down Timer Setting** (Hour) *Flash digit for adjusting (Max.19 hours 59 minutes) | ✳ for **–** and 🕭 for **+** |
| Press the **SET** button once | Count down Timer Setting (Minute) *Flash digit for adjusting | ✳ for **–** and 🕭 for **+** |
| Press the **SET** button once | Count down Timer Setting ON/OFF | ✳ for **OFF** and 🕭 for **ON** |
| 4 Press and hold the 🔒 button for 2 seconds. | **Daily Timer Start Timer Setting** Flash ⊙/🔒icon and "Hours" for adjusting | ✳ for **–** and 🕭 for **+** |

**EXIT: Press and hold the SET button for 2 seconds or leave it for 10 seconds and the system will automatically exit the programming mode.**

EXIT: Press and hold the **SET button** for 2 seconds or leave it for 10 seconds, the system will exit the programming mode.

**1. Timer Setting: Example to AM10:30**
1. Press and hold the **SET** button for 3 seconds, with two-melody sound and the **"Hours"** digit flashes for adjusting.

2. Press the ✻ or ✩ **button** to decrease or increase the **"Hour"** digit until AM**10**:xx.

3. Press the **SET** button once again then the **"Minute"** digit flashes for adjusting.

4. Press the ✻ or ✩ **button** to decrease or increase the **"Minutes"** digit until AM 10:**30.**

5. Press the **SET button** for 2 seconds with one-melody sound to confirm exiting the timer program mode.

**2. Alert Alarm Timer Setting: Example to PM 6:30**
1. Press and hold the **SET button** for 3 seconds, with two-melody sound and the **"Hours"** digit flashes for adjusting.

2. Press the **SET button** twice, the LCD screen will shows ♪ icon and **"Hours"** digit is flashes for adjusting.

3. Press the ✻ or ✩ **buttons** to decrease or increase the **"Hour"** digit until **PM 6:xx.**

4. **Press the SET button** once again then the **"Minutes"** digit flashes for adjusting.

5. Press the ✻ or ✩ **button** to decrease or increase the **"Minutes"** digit until **PM 6:30.**

6. Press the **SET button** once again then ♪ icon flashes for alert alarm **"ON/ OFF"** setting

7. Press the ✩ **button** to start the **"Alert Alarm Timer",** and the **"ON"** icon will show on the LCD screen. Press the ✻ **button** to stop the **"Alert Alarm Timer",** and the **"OFF"** icon will show on the LCD screen.

8. Press **SET button** for 2 seconds with one-melody sound to confirm exit the timer program mode.

**3. Count Down Timer Setting: Example Set count down timer at 2:30**
  1. Press and hold the **SET button** for 3 seconds, with two-melody sound and the **"Hours"** digit flashes for adjusting.
  2. Press the **SET button** 5 times, the LCD screen will shows Ȼ icon and **"Hours"** digit is flashes for adjusting.
  3. Press the ✳ or ᶴ **button** to decrease or increase the **"Hour"** digit until **2:xx.**
  4. **Press the SET button** once again then the **"Minutes"** digit flashes for adjusting.
  5. Press the ✳ or ᶴ button to decrease or increase the **"Minute"** digit until **2:30.**
  6. Press the **SET button** once again then Ȼ icon flashes for alert alarm **"ON / OFF"** setting
  7. Press the ᶴ **button** to start the count down timer, and the **"ON"** icon will show on the LCD screen. Press ✳ the **button** to stop the count down timer, and the **"OFF"** icon will show on the LCD screen.
  8. Press the **SET button** for 2 seconds with one-melody sound to confirm exit the timer program mode.

**Note:** Maximum is 19 hours.

**4. Time Set-Up For "Daily Timer Start": Example to AM 6:30**
  1. Press and hold the **SET button** for 3 seconds, with two-melody sound and the **"Hours"** digit flashes for adjusting.
  2. Press and hold the **button** for 2 seconds, the LCD screen will flash ☉/ icon and "Hours" digit for Hour set-up.
  3. Press the ✳ or ᶴ **button** to decrease or increase the hour digit until **AM 6:00.**
  4. **Press the SET button** once again then the minute digit flashes.
  5. Press the ✳ or ᶴ button to decrease or increase the minutes digit until **AM 6:30.**
  6. Press the **SET button** for 2 seconds with one-melody sound to confirm exit the timer program mode.