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.

Caution : Any changes or modifications in construction of this device which are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Two-Way Communication

Vehicle Security and Remote Convenience System

With Remote Engine Start and Paging System

OWNER'S GUIDE

JAZZ

A1Tech Inc.

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Before Usage

You are mostly welcome to purchase **JAZZ** Vehicle Alarm & Starter System, World wide Top Quality Product !

JAZZ will surely keep your vehicle from theft and outside impact in safety for 24 hours and provide you with various convenience and comfort.

You are kindly recommended to read Owner's Guide thoroughly and refer to it whenever you encounter any inquiry by keeping it always in the vehicle.
Please contact the dealer nearby you when you need a solution and technical advice during usage.

- Keep the Remote Control dry and do not drop and disassemble it.
- When the Remote Control is lost, please contact the dealer nearby you and delete the code number for the purpose of anti-theft. Then, purchase new Remote Control and input new code number for usage.
- Please make it sure never to use Remote Engine Start in the closed area.

JAZZ-II has no Remote engine start function(Remote engine start, Programmable timed remote engine start, Cold weather start, Quick service). Engine Start Module can be installed optionally for Remote engine start.
If you want to add this function, please discuss with the dealer nearby you.

System Components

Remote Control

With 3 buttons on the facade and 2 buttons on the side, it contains color LCD screen, TX/RX electronic circuit, highly efficient speaker for original sound and vibration motor. User can discern easily the current status of the vehicle and the system with each sound because it makes different sounds according to each function, reviving the natural sounds like various kinds of voices and music melody and engine-starting sound (brrung). Especially, E/L back light for illuminating a dark place and clock function are built in as additional apparatuses.

Battery Replacement

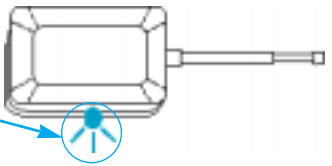
Remote Control is operated by 1 x **Alkaline 1.5V LR03 AAA.** When icon on the screen appears with beep sound, change the battery. When the old battery is replaced to new one, Remote Control sounds melody, illuminates light on the screen and vibrates. Then, the clock returns to AM12:00 after displaying all the icons one after another.

Please use JAZZ after setting the clock to present time and checking the current status by pressing **I button.**

System Components

Communication Module

It transfers signal to/from Remote Control and is plugged into the Control Module. Knock Sensor and Warning LED are built-in. By adjusting screw on the side part, you can set the sensitivity of the Knock Sensor to strong or week position properly, i.e. sensitivity will be increased by turning screw clockwise and decreased by turning it counterclockwise.



Communication Range Check

Press II

By pressing **button II**, you can also check if your Remote Control is within the range of transmission or not. If within the range, the current status of system (Arm or Disarm) appears on the LCD screen with melody sounding. If out of the range, icon disappear with relevant melody sounding.

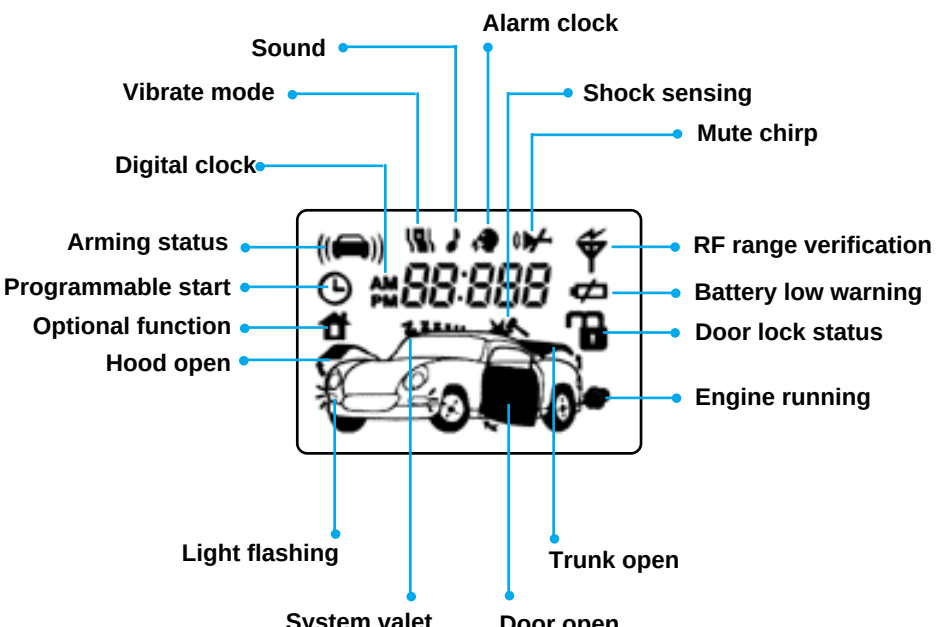
With communication by low-powered radio wave of **JAZZ**, the operating range may be extremely shortened due to the existence of same frequency of wireless radio nearby and electric wave disturbance.

System Components

How to Communicate (Operation method)

Because of the two-way communication capability, sometimes it does not operate immediately upon pressing the button. So, please operate again for it's not product's defect. Press the button for one second if there is no other special instruction.

To see if the area is available zone for communicating with the vehicle or not, press **II button**. In case melody emits from the Remote Control, with the word "System is Okay" communication is available for range.



Basic Functions

Locking the Doors / Arming the System

Press I

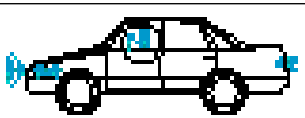
- Doors lock
- System arming
- LED begins flashing
- One chirp
- One flash

- Indicator locks
- Plays lock melody

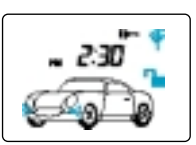
- If all doors are not closed when the system is armed, the alarm will sound.
- If the system is in Valet mode, the doors will lock and unlock, but the alarm function will remain inactive.
- The alarm becomes fully armed 15 seconds after you press the I button.
- Make sure that, before arming the vehicle, the switch of Dome Light is at the position where the Dome Light is inter-locked to be turned on whenever the doors are opened. Otherwise, all the alarm function shall not work correctly.

Unlocking the Doors / Disarming the System

Press I



- Doors unlock
- System disarming
- LED stops flashing
- Two chirps
- Two flashs



- Indicator unlocks
- Plays unlock melody

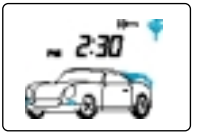
- If the chirp sounds 4 times when disarming(and/or light flash 4 times), this indicates that the alarm sounded because door, hood, trunk was opened in your absence.
- If the chirp sounds 3 times when disarming(and/or light flash 3 times), this indicates that the alarm sounded because the vehicle was bumped or hit in your absence.

Basic Functions

Trunk Release

Press S and then
Press I

- Trunk release
- System disarming



- Indicator trunk release

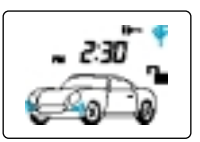
▶ You must arm/lock again after closing the trunk

Vehicle Locator

A press on the remote control produces chirps, allowing you to locate your vehicle in a crowded parking lot.

Press S and then
Press II

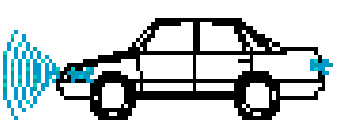
- Ten chirps
- Ten flashes



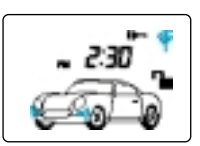
Emergency Panic Alarm

Press a button to set off the alarm and call people's attention to your vehicle.

Press I for 3 sec.



- Siren sounds continuously
- Lights flash continuously



• The panic alarm works even while driving or when the system is disarmed.

▶ To turn off the Panic alarm sound, press **button II**.

Basic Functions

Vibrate Mode

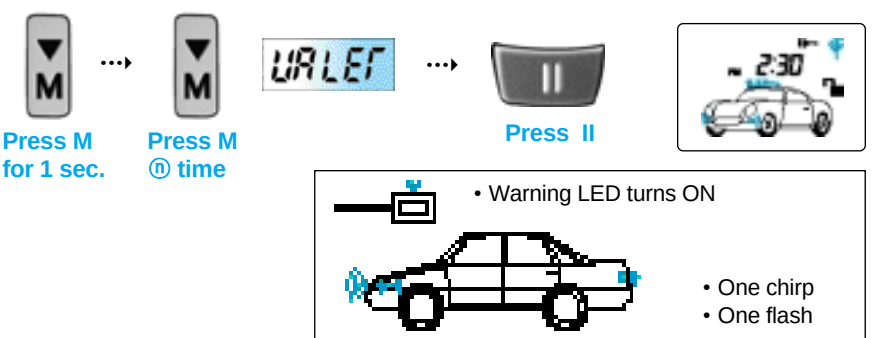
You can set your remote control to vibrate mode instead of sound in the silent place like theater and meeting room.

Press M for 1 sec. — Press M ⓝ time — Press II

▶To return to normal mode, repeat the procedure above

Valet Mode

If your system is set to arm automatically, you can temporarily stop the alarm from arming. This is useful when your vehicle is being valet parked, washed, fueled or serviced.



Press M for 1 sec. — Press M ⓝ time — Press II

• When in Valet mode, automatic arming, cold weather start and programmed remote start will not work. however keyless entry and trunk release still operates.

▶ To exit Valet mode, repeat the procedure above and with two chirps, LED turns off.

Basic Functions

Alarm Clock

Your remote control includes an alarm clock to help you keep track of time and remind you of an appointment.

Press M for 1 sec. — Press M ⓝ time — Press II

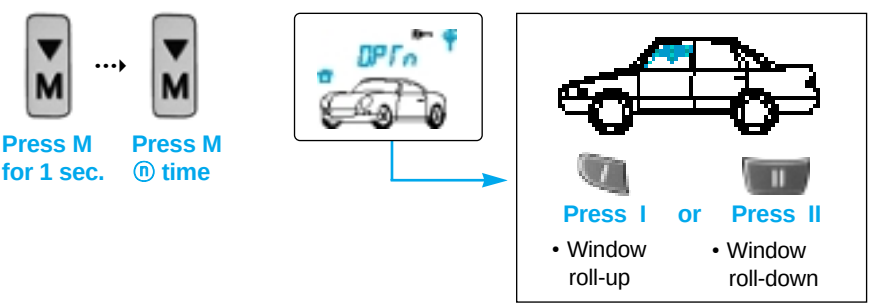
• Clock time appear for 3 seconds

• Setting alarm clock time refer to page 17.

▶To turn off the alarm melody, press **button II.**

Optional Feature Control

The **JAZZ** includes an extra connection that you can use to control a feature of your choice for added convenience(ex., Power window roll-up/down, Power sun-roof). See your installer for details.



Press M for 1 sec. — Press M ⓝ time

Press I or Press II

• Window roll-up

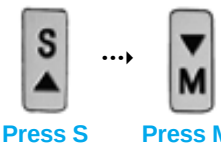
• Window roll-down

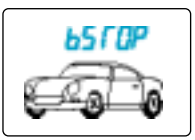
- In case Window Roll-up/down Module installed, while **OPTn** appears in LCD, pressing **button I** keeps window rolling up and pressing **button II** keeps window rolling down.
- The opened window is automatically rolled up when arming vehicle by Remote Control.

Basic Functions

Button Lockout

It prevents accidental button press during physical work or exercise by locking the button on the remote control. It will still indicate vehicle tampering if a break-in attempt occurs.

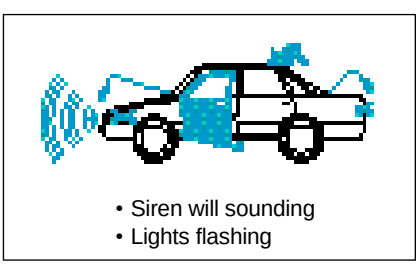




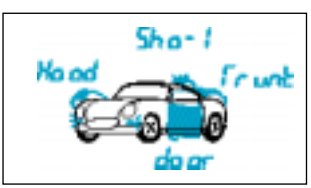
▶ To cancel lockout, repeat the procedure above, **bSTOP** icon disappears.

Triggering the Alarm

The **JAZZ** monitors doors, shock, hood and trunk for possible break-in attempts. The remote control will also indicate if your alarm is armed.



• Siren will sounding
• Lights flashing



• Each icon appears
• Plays alert melody

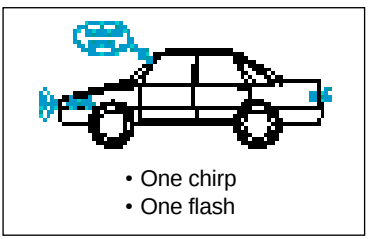
• When minor impact on impact(Sho-1), siren sounds 1 time, and light flash 1 time.
• Pin Switch can be installed optionally for Hood and Trunk sensing.

▶ To turn off alarm sound, press **button II**.

Basic Functions

Driver Paging

It's very useful for paging to the owner of the vehicle, who can be paged by tapping the Knock Sensor which is usually mounted on the bottom part of front window in the driver's seat(sticker **KNOCK HERE**). In this case, plays melody and **CALL** icon on the Remote Control, with the word "Looking for the driver".



• One chirp
• One flash

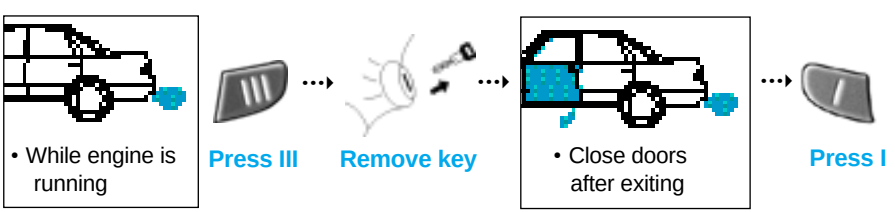
• Plays call melody

• Adjust the sensitivity of the Knock Sensor, by transmitting with Remote Control, to optimum level. The screw at the side of the Communication Module, turn clockwise to increase sensitivity and counterclockwise to decrease sensitivity.

▶ To turn off melody, press **button II**.

Quick-Service

Keep your vehicle running when you make a Quick-Service (i.e. at a convenience store). It makes the engine continue running for 10 minutes even though you remove key from ignition and lock the doors after exiting.



Basic Functions

Remote Engine Start

Press III

- One chirp → Three chirps
- One flash → Every 2 sec.

- Plays run melody every 2 minutes

- Your vehicle will run for a preset time(page20) and shut off if left unattended.
- For climate control, you must preset your vehicle heater or air conditioning controls to your desired setting position before exiting your vehicle.
- If your vehicle does not start on the first attempt, the system will automatically attempt to start the vehicle 3 more times before turning off.
- The alarm system remains fully armed with the bypass of the shock and paging sensor while the vehicle is running on remote start. In this case, if the door is opened without using remote control, alarm will sound and engine will be turned off.

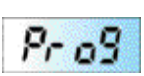
▶ To make engine shut off, press **button III**. or unlock and lock the doors by pressing **button I**.

Programmable Timed Remote Engine Start

You can set the **JAZZ** to start your vehicle and run for a preset time, at the same time every day or when the vehicle is parked out of the range from the Remote Control.

Press M for 1 sec.

Press M ⓝ time



Press II

- Start time appear for 3 seconds

- Programmed Remote Start will only operate when the system is fully armed.
- To change the programmed start time, refer to page17 and set a new time.

▶ To cancel the programmed start time, repeat the procedure above.

Engine Start Functions

Remote Engine Start for Manual Transmission Vehicles

In order to remote start manual transmission vehicle, you should set the parking brake and leave the gear in neutral position before exit to prevent your vehicle from starting itself with remote start. The system check to see that this is done every time you turn off the vehicle.

① Set neutral gear.
② Remove key from ignition while the engine is running, vehicle will continue to run for up to one minute.
③ Within 1 minute, exit vehicle and press **button I**, the engine is turned off and the system arms

- If you disarm the system and enter the vehicle, the remote start setting is cancelled, and the system will not remote start unless you perform the procedure again.
- If you open the driver's door before removing the key from the ignition, the vehicle will be turned off immediately when the key is removed.

Entering the Vechicle During Remote Engine Start

If you enter the vehicle while the engine is running on remote & programmed start, you can get in and drive without turning off the engine.

- If you disarm the system and enter the vehicle, the remote start setting is cancelled, and the system will not remote start unless you perform the procedure again.

Cold Weather Start

In extreme cold weather conditions, the **JAZZ** can start your vehicle every 1, 2 or 3 hours. The vehicle will run for the same time set for regular remote start.

- Your vehicle will start at your programmed interval. You can set the interval time, refer to page 20.
- One beep sound after lock melody from the Remote Control when you press button means that your selection is 1 hour's start interval (CS-1), two beeps means 2 hours start interval (CS-2), three beeps means 3 hours start interval (CS-3).
- Cold Weather Start will only operate if the alarm is fully armed.

Convenience Features

Automatic Door Lock / Unlock Controlled by Ignition

If you set this function to on **[dL-ON], refer to page 19.** You can automatically lock your doors 30 seconds after you start your vehicle, and unlock them when you turn off the ignition. The red LED on the communication module will flash when you turn on the ignition, and stop when the doors automatically lock.

Hidden Alarm

If you program the alarm sound mode to off **[Sr-OF], refer to page 20.** The vehicle's Siren will be silenced and light flasher shall not flash even if any triggered in arming status.

Mute Chirp Sound

If you program the chirp sound mode to on **[mu-ON], refer to page 18.** Chirp sound is muted when the Remote Control activates the vehicle.

Turbo Function

It' s for the Turbo Vehicle. Engine ignition can last one, three or ten minutes even after locking door-lock and pulling out a ignition key. You can set the interval time, **refer to page 20.**

Starter Interrupt (Optional)

The starter interrupt feature protects your vehicle from being stolen by disabling the vehicle starter while the system is armed. The feature engages and disengages when you arm and disarm the alarm.

- If you attempt to start the vehicle with the key while the system is armed, the alarm will sound and the vehicle will not start.

Dome Light Control (Optional)

By pressing **button I**, enter the disarm mode, the vehicle dome light will turn on for 10 seconds to allow you to see the interior of your vehicle. It will be also flashing if anybody trigger in arming status.

Convenience Features

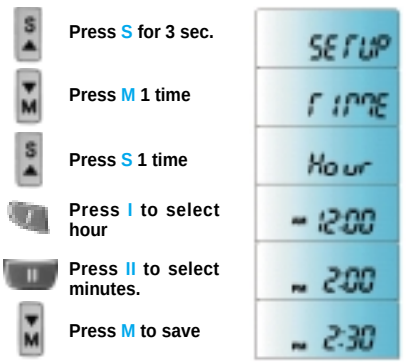
Usage of One-way Remote Control (Optional)

JAZZ can be used together with a spare Remote Control which is sold optionally. This Remote Control has one-way transmission function and operating range will be increased if you pull out an antenna. The process of code programming is same as the two-way Remote Control, refer to page 22.

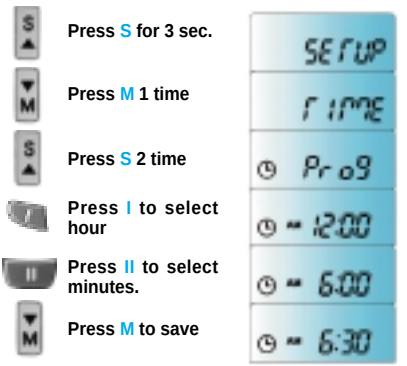
Setting Time

Setting the Clock Time

Use your **JAZZ** to keep track of time and remind you of an appointment with a built-in alarm feature.

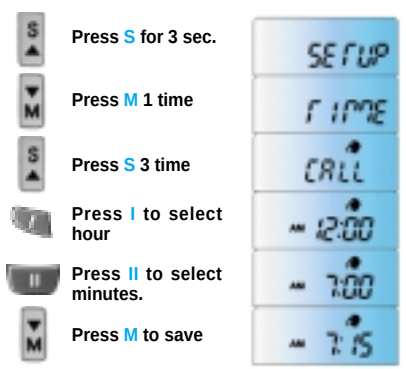


Setting Programmed Remote Start Time



Setting Alarm Clock Time

You can select the time of day your personal alarm will sound.

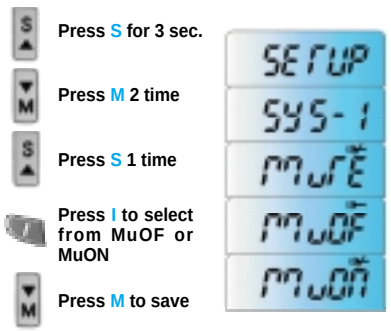


System 1 Programming

The system 1, 2 programming process works within RF range.

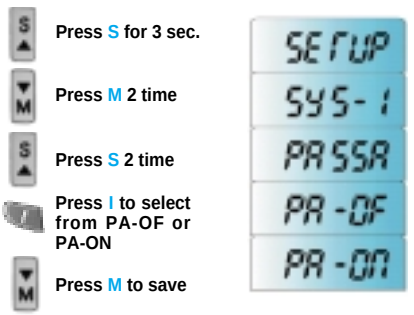
Chirp Sound Mute On/Off

Arm and disarm the system without the confirmation chirps from the siren



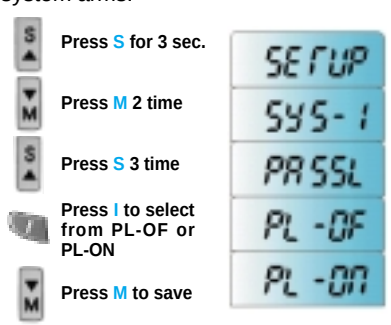
Passove Arming On/Off

The system can be programmed to automatically arm itself 30 seconds after you remove key from ignition and then exit your vehicle and close all the doors.



Passive Door Lock On/Off

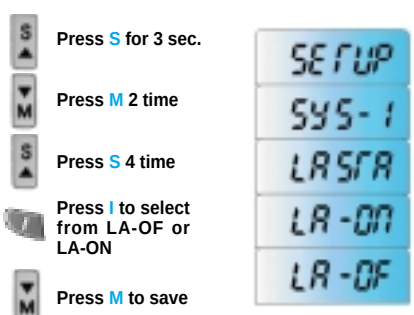
When set to Passive arming On mode, the **JAZZ** can provide enhanced security by locking the doors when the system arms.



If you set to '**PL-ON**', one chirp sound when you close all doors, and will 3 chirps sound when the doors lock 30 seconds later.

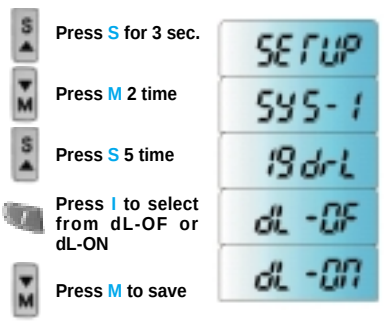
Last Door Arming On/Off

The system can be programmed to automatically arm itself 30 seconds after closing last door if you open the door after disarming and close it without arming.



Ignition Control Door Locks On/Off

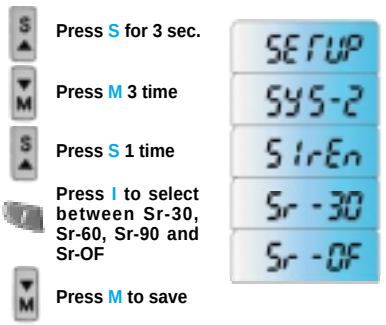
The system can automatically lock your doors 30 seconds after you start your vehicle, and unlocks them when you turn off the ignition.



System 2 Programming

Alarm Sound Duration

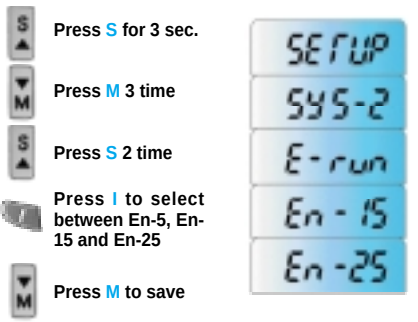
Program the length of time that your alarm will sound if it is triggered by a forcible blow to the vehicle. Choose between 30, 60, 90 seconds, or off.



Sr-OF : Hidden Alarm is an alarm indication only to your remote control, without sounding the siren or horn.

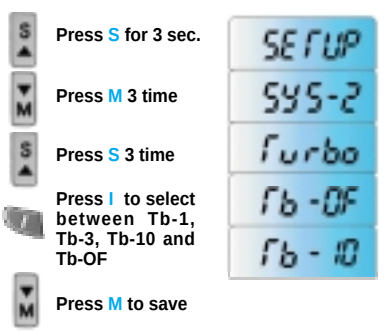
Setting Remote Start Run Time

Start your vehicle's engine and warm or cool the interior. You can set the system to run the vehicle for 5, 15 or 25 minutes.



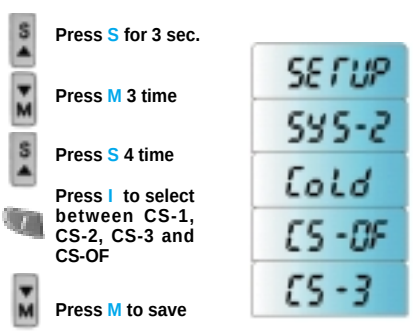
Setting Turbo Time

Program the length of time that your vehicle will run under the Turbo mode before turning off. Choose between 1, 3, 10 minutes, or off.



Cold Weather Start Time

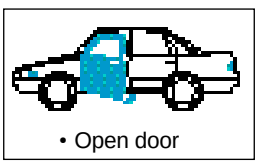
In extreme weather condition, the **JAZZ** can start your vehicle every 1, 2 or 3 hours.



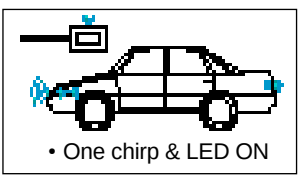
Manual Valet Mode

The manual valet mode is used to add or delete remote control, disarm the system if your remote control is lost or doesn't operate, and set up the **JAZZ** to integrate with your specific vehicle.

1. Open the door of driver's seat and insert the key into ignition position.
2. Repeat ACC/ON five times - enter the valet mode with chirp sound and red LED turns on steadily.

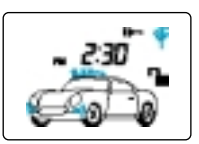


ACC / ON 5 time



- Warning LED on the Communication Module turns on steadily.
- Even if the system is in Valet Mode, Door Locking/ Unlocking, and Trunk Release work normally.

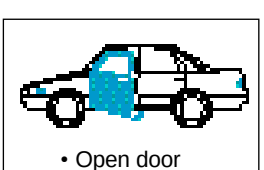
▶To exit Valet mode, repeat the procedure above and with two chirps, Warning LED turns off.



Valet Mode by Push Switch (Optional)

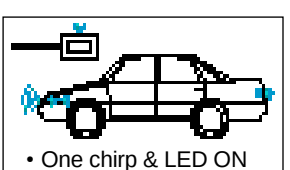
Press II

1. Open the door of driver's seat.
2. Inset key and set to "ON" position.
3. Within 10 seconds, Press and hold the Valet switch for 3 seconds.
   - enter the valet mode with chirp sound and red LED turns on steadily.
4. Pressing II button, **ZZZZZ** appears in the LCD screen.



Key ON

Press 3 sec.



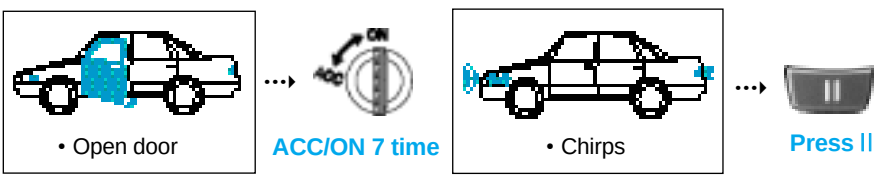
▶To exit Valet mode, repeat the procedure above and with two chirps, Warning LED turns off.

Technical Support

Code Programming

When installing **JAZZ** into your vehicle, be sure to code program according to the below mentioned procedure. And if you want to use another Remote Control additionally, use new one after coding it by same procedure. You can use up to 3 different Remote Controls.

1. Open the door of driver's seat and insert the key into ignition position.
2. Repeat ACC/ON 7 times -- chirp sounds after 2 seconds.
   - Chirp sound emits a number of times to indicate the number of Remote Controls programmed into the system.
3. Within 5 seconds, press **II** on each new Remote Control with one chirp sound.



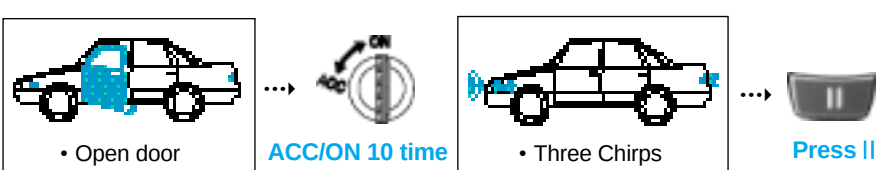
System Initializing

If you lose a Remote Control, your vehicle may be stolen by someone else who finds it.

In this case, you should remove the current code from **JAZZ** system program, and then program new code into new Remote Control.

And if you have an error in setting the program, System Initialization is also necessary. After initializing system, you should repeat program code into the Remote Control and set the program again.

1. Open the door of driver's seat and insert the key into ignition position.
2. Repeat ACC/ON 10 times
   - Three chirp sounds after 2 seconds, confirming that the system shall be initializing.
3. Within 5 seconds, press **II** on new Remote Control.



Technical Support

System Shutoff (All Functions Suspension)

If Remote Control is lost and when emergency like malfunction of system without particular reason or continuous warning sounds occur, you can drive a vehicle with a normal key after you suspend all functions according to the below mentioned procedures.

1. Open the door of driver's seat
2. Find the Main Control Module installed under the dashboard
3. Find the heavy gauge six strip wire plugged from it.
4. Find red and red/white wires among six strip wire.
5. Find the fuse-holder connected between red and red/white wire.
6. Pull out the fuse off the fuse-holder.

• Open door

Pull out the Fuse

• Without fuse, all function will be suspended, which enables the vehicle run normally (same condition before installation).

System Troubleshooting

Problem	Cause / Solution
Remote start not Working	• Check if the switch of the vehicle dome light is in the center positioned (not ON/OFF). Keep dome light on when doors are open or ajar. • Check if a Gearshift is in **P** or **N** position.
Other functions except door-lock not operating	• Warning LED turns on steadily. • Remove Valet mode. (**M → M → II**)
Remote Control not working	• Remove Button lockout when **bSTOP** appears in LCD screen. (**S → M**) • Take the battery out of the compartment and put it again into the compartment for operation.
Sensitive knock Sensor adjusting	• Adjust the sensitivity of the Knock Sensor, refer to page 12.
Frequent false alarm	• Impact sensor sets too high. Turn the screw counterclockwise for decreasing sensitivity.
All system malfunction	• Check if the main power fuse activates well or not. • If it' s okay, please contact the dealer for after-service because Remote Control may be defected.

Quick Reference Guide

Guide 1	
Lock / Unlock	I
Emergency Panic	I for 3 sec.
System Status Check	II
Remote Start	III
Trunk Release	S ⇨ I
Vehicle Locator	S ⇨ II
Button Lockout	S ⇨ M

Guide 2

① Press **M** button for 1 second.
② Select character setting using **M** button on the screen.
③ Press **II** button, Setting is saved.

Vibrate Mode ON/Off	VibrA	⇨	II
Programmed Start On/Off	Prog	⇨	II
Valet Mode On/Off	VALEt	⇨	II
Alarm Clock On/Off	CALL	⇨	II
Optional Function Operation	OPTn	⇨	I or II

Changing Clock Time	**S** for 3 sec. ⇨ **M** ⇨ **S** one time ⇨ **I** to change hour ⇨ **II** to change min. ⇨ **M**
Changing Programmed Start Time	**S** for 3 sec. ⇨ **M** ⇨ **S** two times ⇨ **I** to change hour ⇨ **II** to change min. ⇨ **M**
Changing Alarm Clock Time	**S** for 3 sec. ⇨ **M** ⇨ S three times ⇨ **I** to change hour ⇨ **II** to change min. ⇨ **M**
System Programming Step 1	**S** for 3 sec. ⇨ **M** two times ⇨ **S** ⓝ times ⇨ **I** to select setting ⇨ **M**
System Programming Step 2	**S** for 3 sec. ⇨ **M** three times ⇨ **S** ⓝ times ⇨ **I** to select setting ⇨ **M**