R1700-AM One-Way AM Remote

USER'S GUIDE

FCC ID : 044JR1700A433

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 : Changes or modifications not expressly approved by the party
       responsible for compliance could void the user's authority to
       operate this device.

YOUNGSHIN Electronic Co.,Ltd.

USER'S GUIDE

R1700-AM
FCC ID : O44JR1700A433

YOUNGSHIN Electronic Co.,Ltd.

TABLE OF CONTENTS

Safety Information

Please take these safety precautions into consideration under the following conditions :

1. Servicing the vehicle

When servicing your automobile (ie. changing the oil, washing your car), the CompuStar system should be in Valet Mode. There is a safety shutdown switch under the hood that deactivates the remote starter function if the hood is open.

However, if the switch has been damaged or the switch has been installed improperly, the vehicle may start when the 🚗 button is pressed for 2 seconds, even if the hood is open.

2. Loaning your vehicle to others

Whenever you loan your vehicle to an individual who is not familiar with Compustar, you may want to put the vehicle in Valet mode. This will prevent the borrower from accidentally activating the CompuStar auto-security system.

3. For manual transmission vehicles

If the Compustar R1700-AM is installed in a manual transmission vehicle, extra precautions are required because the Compustar does not monitor the gear shift :

Important! Under normal circumstances, Reservation Mode is cancelled when a door or hatchback opens. Please verify that the opening of any door or hatchback cancels Reservation Mode. If any of the doors or hatchback are not monitored by CompuStar because of improper installation or a faulty dome light switch, do not use the CompuStar and take your vehicle immediately to the dealer for repair. Do not set Reservation Mode if the window(s) are open or if there is anyone inside the vehicle, this includes animals. Remote start installation in a manual transmission vehicle with a convertible top is not recommended.

Remote : R1700-AM

R1700-AM is a One Way AM 4 Button Remote.

Remote Button Functions

	Button	Press	Function
1	🔒	0.5 sec	Lock. If held for 3.5 seconds, it will panic the system.
2	🔓	0.5 sec	Unlock
3	🚗	0.5 sec	Auxiliary Option 1
4	🚗	0.5 sec	Auxiliary Option 2
5	🚗 —	2 sec	Auto -start Function - on/off
6	🚗 —	2 sec	Trunk Release
7	🔒 —	3.5 sec	Panic, Press 🔓 to shut off.
8	(🔒 + 🔓)	0.5 sec	Horn - on/off
9	(🔒 + 🚗)	0.5 sec	Valet Mode - on/off
10	(🔓 + 🚗)	0.5 sec	Passive Locking - on/off
11	(🔓 + 🚗)	0.5 sec	Timer Start Mode - on/off
12	(🚗 + 🚗)	0.5 sec	Turbo Mode - on/off
13	(🔒 + 🔓)—	2 sec	Programming Menu 1- Installer Only
14	(🔒 + 🚗)—	2 sec	Programming Menu 2- Installer Only

Note : " — " Means, to press the button for 2 seconds.

"( )" Means, to simultaneously pressing the buttons.

"( ) —" Means, to simultaneously press the buttons for 2 seconds.

Remote Learn Routine

The Compustar system will allow up to three remotes to be programmed to one vehicle. Please perform the following procedure to add or reprogram additional remotes.

Step1: Activate Valet/ Programming mode by manually turning the ignition on and off five times (between Acc and On) with the key within a 7 second period.
The parking lights will flash once with successful completion of this step.

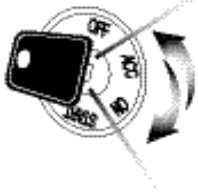**Step2 :** Within a 7 second period after cycling the ignition for the 5 th time, Press the ■/■ button for a 1/2 sec. The car parking lights will flash once to confirm that the transmitter has been programmed. You can continue programming additional remotes. The parking lights will flash two times when the programming mode has expired.

Keyless Entry

To lock the vehicle, press the ■/■ button for 0.5 seconds.
To unlock the vehicle, press the ■ button for 0.5 seconds. If the pressing of the lock/unlock buttons does not lock/unlock the doors, you will need to release the button and try again, as the remote stops transmitting as soon as the LED stops flashing. If the ■/■ button is pressed for 3.5 seconds, it will panic the system.

Alarm Mode

To arm the vehicle, press the ■/■ button until the LED on the remote stops flashing.
To disarm the vehicle, press the ■ button until the LED on the remote stops flashing. If pressing the arm/disarm buttons does not arm/disarm the vehicle, you will need to release the button and try again, as the remote stops transmitting as soon as the LED stops flashing.
Press the (■/■ + ■)buttons for a 1/2 second to mute the vehicle horn or siren when arming or disarming your vehicle. Keep in mind that your car horn/siren will still activate for all other modes (i.e. panic or alarm trigger) regardless of whether or not your car horn/siren is in mute mode. The car horn/siren will be mute only when arming or disarming your vehicle.

When the alarm is armed, the starter kill function (an optional feature provided by your installer) is activated. This feature disengages the starter mechanism on your vehicle and prevents it from starting, even with a key.

Note : If you lose your remote after you have armed the vehicle, use your key to open the door. The siren will go off. Turn the ignition on then off, 5 times with your key to shut down the alarm and put the system into valet mode. You can cancel the valet mode with a remote later on.
See : **Valet mode,** on page 10.

Note : Siren duration is 30 to 60 seconds depending on the options set at the time of initial installation.

Auto-Start Function

Press the ▓■ button for 2 seconds to auto-start an automatic transmission engine. Remember, that an actual key in the ignition is required to drive the car. For manual transmission vehicles, please use reservation mode.
Press the ▓■ button for 2 seconds in order to turn off an auto-started car.

The engine will run 15 or 25 minutes (25 or 45 min for diesel) depending on preset options at the time of installation, and then shut off.

Diagnosing problems with Auto-Start

If there is a problem in auto-starting your vehicle,the CompuStar system will do one of two things; if it fails for any of the reasons listed in the table below, it will flash the parkinglights three times then flash the error number. Otherwise, it will attempt to start the vehicle three times. If, after three times, the vehicle will not start or stay running, the CompuStar system will shut down. In either case, please see your istaller to resolve the situation.

Error Number (# of times the car chirps & parking lights flash)	Error Reason
1	Engine On
2	Key On
3	Door Open
4	Trunk Open
5	Brake On
6	Hood Open
7	Reservation Off (Manual Transmission Only)

Continuation Mode : (Stop and Go feature)

While your vehicle is running with your key, press the 🎛 button for 2 seconds, you are now in the continuation mode. Your engine will continue running for the preset time even if you take your key out of the ignition. You can now lock/arm the vehicle if you wish to.

Example : For a quick stop when you don't want to restart the vehicle.

Anti-grind

The anti-grind circuit (an optional feature provided by your installer) prevents you from engaging the starter on a remote-started vehicle.

Reservation Mode (manual transmission only)

In order to auto-start your manual transmission vehicle, you must first set the CompuStar system to Reservation Mode before leaving your vehicle. The purpose of Reservation Mode is to leave the transmission gear in the neutral position when you leave your vehicle. Reservation mode is intended for use on MANUAL TRANSMISSIONS ONLY and NOT FOR AUTOMATIC TRANSMISSIONS. Reservation Mode must be engaged each and every time you leave your manual transmission vehicle in order to auto-start it.

Note : The system is not recommended for manual transmission vehicles with removable or convertible tops.

- Important requirements to activate Reservation Mode

- The transmission must be in the NEUTRAL position.
- The vehicle windows must be rolled up.
- Do not set the reservation mode with people in the vehicle.
- Do not auto-start the vehicle with people inside it.

- Activating Reservation Mode (MANUAL TRANSMISSION ONLY)

Step1 : After arriving at your destination, and BEFORE TURNING YOUR ENGINE OFF, place the transmission in the Neutral position.

Step2 : Activate the parking brake.

Step3 : Remove your foot from the foot brake.

Step4 : Remove the key from the ignition, and the engine will remain running.

Step5 : Exit the vehicle and close the door within two minutes after activating the parking brake. The engine will shut off and reservation mode for the remote starter is now complete.

Important! When the vehicle shuts off after reservation mode, the CompuStar system will lock/arm the vehicle.

Take care to not lock your keys inside.

Your vehicle is now ready for auto-starting. However, the reservation mode will be cancelled if a door or hatch is opened, or if the CompuStar system is put in Valet mode. Once cancelled, you will have to start the vehicle with the key and repeat the above 5 steps if you want to restore reservation mode.

Important! If you try to auto-start the vehicle when reservation mode has not been set, the auto-start feature will not work.

When you press the auto-start button, the car parking lights will flash three times, pause, then flash seven times.

- Canceling Reservation Mode

If you do not want to set reservation mode, shut off the engine before you exit the vehicle. The engine will shut off for the following reasons :

- You did not activate the parking brake or pressed the foot brake when you turned the manual key to the off position.
- You released the parking brake while the engine was running.
- You entered Valet Mode after the Reservation Mode has been completed.

Trunk Release

Press the 🔲 button until the LED on the remote stops flashing, in order to unlock and release your trunk door. If pressing the trunk release button does not release the trunk, you will need to release the button and try again, as the remote stops transmitting as soon as the LED stops flashing.

Note that the trunk release function will not only release the trunk but will unlock the all doors as well.
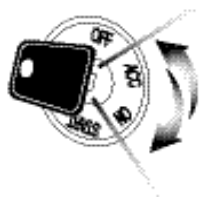
Panic Mode

Press the 🔲 button for 3.5 seconds to enter Panic Mode. In this mode, the car will arm, if not armed already, and the siren/horn will activate and the parking lights will flash. In order to disengage Panic Mode, press the 🔲 button until the LED stops flashing. Then, press the button 🔲 for a 1/2 second to unlock/disarm your vehicle.

If the **Anti-Jacking** option has been programmed (ask your dealer if you would like to have this option) and the Ignition-Kill has been installed , the Panic Mode works as Anti-Jacking if the key is in the ignition. If Anti-Jacking mode is activated while key is in the ignition, a) the siren will go off for 1.5 minutes, and b) the Ignition-Kill will be activated after the first 30 seconds. This is to give a 30 second warning to the hijacker, then to disconnect the ignition to stop the vehicle.

Valet Mode

While the vehicle is in valet mode, the only features that will function will be the keyless entry and optional auxiliary functions.

In order to enter Valet mode, press the (▥ + ◿) buttons simultaneously for a 1/2 second. In order to manually enter Valet Mode, insert your key into the ignition and turn the ignition on and off (between ACC and ON) five times within 7 seconds

You can exit Valet Mode only by pressing buttons (▥ + ◿) simultaneously for 1/2 second.

Timer Start Mode

In Timer Start Mode, your car automatically starts every 1.5 or 3.0 hours, depending on preset options during the time of installation, for a 24-hour period. This mode is cancelled automatically after 24 hours or once you start your vehicle with the key or remote. In order to enter Timer Start Mode, press the (▥ + ⏻) buttons simultaneously for a 1/2 second.

Please note : Timer Start Mode becomes *Cold Start Mode* once an optional temperature sensor is installed.

Important! Timer Start Mode should be used only in open areas. Never start and run the vehicle in an enclosed space such as a garage or carport.

Safety Shut Down Features

The CompuStar R1700-AM system has several shut down safety features. The following actions will shut down the engine or prevent the car from auto-starting : Opening the hood, pressing the brake, or if valet mode is turned on.

OPTIONAL PROGRAMMABLE FEATURES

These additional features may be programmed to the CompuStar system by your authorized CompuStar dealer.

Ignition Lock

Automatic Transmission Vehicles:
This programmable option will automatically lock the vehicle doors once the key is in the ignition and the brake pedal is pressed. The doors will unlock as soon as the key is removed from the ignition.

Manual Transmission vehicle:
This programmable option will automatically lock the vehicle doors once the key is in the ignition and the brake pedal is pressed. The doors will automatically unlock when the emergency brake is set while the vehicle is running with the key.

Passive Locking

You can turn this function on or off by pressing the (▥ + ◿) buttons for a 1/2 second. When set to passive locking, your system will lock automatically, 30 seconds after all the doors/hatch have been closed.

Turbo Mode

If this optional Turbo Mode has been programmed at the time of installation, you can turn this feature on and off by pressing Buttons (◿ + ⏻) for a 1/2 second .

In this mode, if the emergency brake has been engaged, the engine will continue to run after the key has been taken out of the ignition. It will run until two minutes after the emergency brake has been set.

To utilize this mode, the emergency brake sensing wire has to be connected to the emergency brake wire of the vehicle. Consult the authorized dealer for this mode. This option is ideal for turbo charged vehicles because it allows the turbo to cooldown after operation.

OPTIONAL INSTALLATION FEATURES

The CompuStar R1700-AM remote has additional features and expansion possibilities that require additional parts and labor.

Cold Start Mode

If the optional temperature sensor has been installed, Timer Start Mode becomes Cold Start Mode. In this mode, your car automatically starts if the temperature of the inside of the vehicle goes below the preset temperature.

The minimum interval between the starts will be 1.5 or 3.0 hours depending on preset options during the time of installation. Cold Start Mode is activated or deactivated by pressing Buttons (⬛ + ⬛) for a 1/2 second.

Optional Auxiliary 1 & Auxiliary 2

The auxiliary system is an optional feature that can be tailored for your vehicle by your local authorized CompuStar dealership. For example, you can customize your car to have remote power control of your windows, radio, and sunroof in addition to the rooftop on your convertible car.