USER'S GUIDE

R1900

One-Way AM Remote

FCC ID : O44JR5120AMSH

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
Electronics Co., Ltd.

Website: www.magicar.com
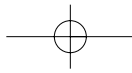
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Safety Information
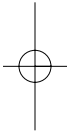
Please take these safety precautions into consideration under the fol-
lowing conditions :

1. Servicing the vehicle

When servicing your automobile (i.e. changing the oil, washing
your car), the MAGICAR 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 improp
erly,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 MAGICAR, you may want to put the vehicle in Valet mode.
This will prevent the borrower from accidentally activating the
MAGICAR auto-security system.

3. For manual transmission vehicles

If the MAGICAR is installed in a manual transmission vehicle, extra
precautions are required because the MAGICAR does not monitor
the gear shifter :

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 the
MAGICAR because of improper installation or a faulty dome light
switch, do not use the MAGICAR and take your vehicle immediate-
ly 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 Button Functions

|	Button	Press (sec)	Function
1	🔒/◀))	0.5	Lock. If held for 3.5 seconds, it will panic the system.
2	🔓	0.5	Unlock
3	🚗	0.5	Auxiliary Option 1
4	♀/●	0.5	Auxiliary Option 2
5	♀/● —	2	Auto -start Function - on/off
6	🚗 —	2	Trunk Release
7	🔒/◀)) —	3.5	Panic, Press 🔓 to shut off.
8	(🔒/◀)) + 🔓)	0.5	Horn - on/off
9	(🔒/◀)) + 🚗)	0.5	Valet Mode - on/off
10	(🔓 + 🚗)	0.5	Passive Locking - on/off
11	(🔓 + ♀/●)	0.5	Timer Start Mode - on/off
12	(🚗 + ♀/●)	0.5	Turbo Mode - on/off
13	(🔒/◀)) + 🔓)—	2	Programming Menu 1- Installer Only
14	(🔒/◀)) + ♀/●)—	2	Programming Menu 2- Installer Only
15	(🔓 + 🚗)—	2	2nd car for 30 Seconde

Note :

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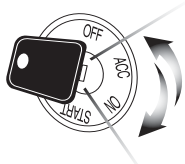
" (   )" — : Means, to simultaneously press the buttons.

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

Remote Learn Routine

The MAGICAR system will allow up to three remotes to be programmed to
one vehicle, and each remote can be programmed to two vehicles. Please per-
form the following procedure to add or reprogram new or existing remotes.

Step 1: Activate Valet/ Programming mode by manually turning the ignition on then off **(between Acc and On)** five times within seven seconds. The parking lights will flash once with successful completion of this step.

Step 2: Within a seven second period after cycling the ignition for the 5th time, Press the 🔒/🔊 button for a $1/2$ second. The vehicle parking lights will flash once to confirm that the transmitter has been programmed. You can continue programming the additional remotes at This Time. The parking lights will flash two times when the programming mode has expired.

To program remote to a secondary vechicle, press the 🚗 and 🔑/● buttons simultaneously for 2.5 seconds. The LED on the remote will begin to flash once every two seconds, for 30 seconds. This is the 2nd car mode. During this time you can perform the above programming steps on the vehicle you wish to use as the secondary vehicle.

To activate 2nd car mode, press the 🚗 and 🔑/● buttons simultaneously for 2.5 seconds. The LED on the remote will begin to flash once every two seconds, for 30 seconds. During this time, you can use the remote to control the function of the secondary vehicle.

Reservation Mode (manual transmission only)

In order to auto-start your manual transmission vehicle, you must first set the MAGICAR 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)

Step 1 : After arriving at your destination, and BEFORE TURNING YOUR ENGINE OFF, place the transmission in the Neutral position.

Step 2 : Activate the parking brake.

**Step 3 :** Remove your foot from the foot brake.

Step 4 : Remove the key from the ignition, and the engine will remain running.

Step 5 : 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.

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 thebuttons simultaneously for a 1/2second. 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
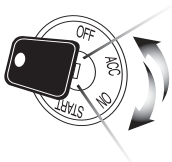
You can exit Valet Mode only by pressing buttons (🔒/🔊 + 🚗) simultaneously for 1/2 second.

Diagnosing problems with Auto-Start

If there is a problem in auto-starting your vehicle,the the MAGICAR 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 the MAGICAR 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)