

SONATA

009EK HY2775

User Guide

WARNING



It is the responsibility of the vehicle operator to ensure their vehicle is parked in a safe and responsible manner.

1. When leaving the vehicle, it is the user's responsibility to ensure that the gearshift lever is in the NEUTRAL position and the parking brake is engaged in order to avoid accidents upon remote starting.
2. It is the user's responsibility to ensure that the remote starter is disabled or put into valet mode before servicing.

INDUSTRY CANADA USER NOTICE:

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (EIRP) is not more than that required for successful communication.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment

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Introduction

This is a state-of-the-art remote car starter system. The system is packed with advanced features such as priority access to the driver's door (commodity features). With many an advanced function, this product will satisfy your expectations from high-end commodity and security systems, without neglecting any standard feature commonly offered by entry-level starters.

GOVERNMENT REGULATIONS

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.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

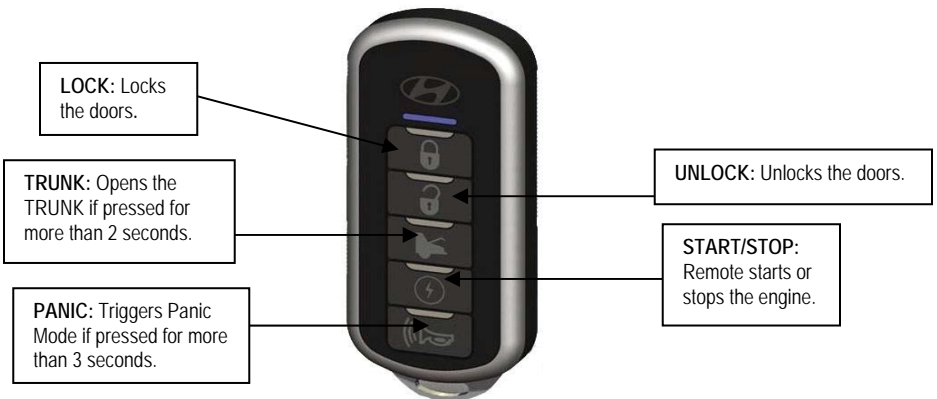
This device complies with the Industry Canada Radio Standards Specification RSS 210. Its use is authorized only on a no-interference, no-protection basis; in other words, this device must not be used if it is determined that it causes harmful interferences to services authorized by IC. In addition, the user of this device must accept any radio interface that may be received, even if this interference could affect the operation of the device.

Warning:

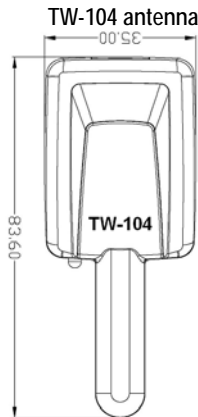
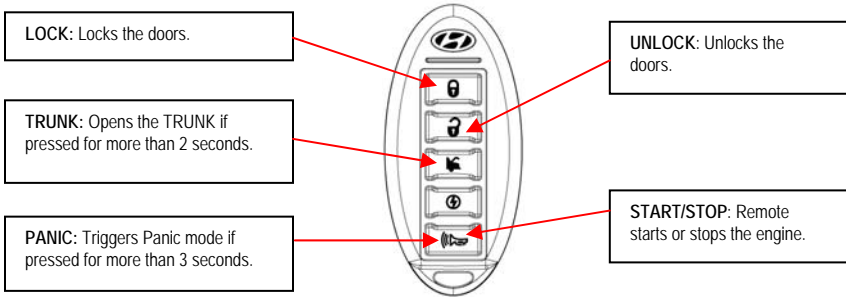
Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this device.

Using the Remote Control

The functions of the transmitter are as follows for the 2-way remote:



The functions of the transmitter are as follows for the 1-way remote:



Vehicle Presets

Heater

When leaving the vehicle it is recommended to preset the accessory controls in preparation for the next remote start. Settings for the blower motor (fan), front and rear (if equipped) should not be left on **HIGH**. It is recommended to leave the settings on **LOW** or **MEDIUM** instead.


Windshield Wipers & Radio & Headlights


Certain vehicles require the radio and / or windshield wipers and / or headlights circuits to become energized while running under remote start. When leaving the vehicle you must ensure that the windshield wipers and headlights switches are **OFF**. Leaving the headlight switch **ON** on certain types of vehicles could cause them to remain **ON** even after remote starter shut down, resulting in a dead battery.

Remote-Starting Your Vehicle

Remote-starting

For the 2-way remote:

1. Press the  button. The remote will beep once.
2. Approximately 5 seconds later, the remote will confirm the remote starter's activation by a tone play.

For the 1-way remote simply press the  button.






If your vehicle has an automatic transmission and it does not start at the first attempt, the system will shut down, wait a few seconds and try to start the engine again. There will be 3 start attempts before the system gives up.

Remote Starter Features

Idle Mode

Convenience feature: Idle Mode allows you to keep the engine running and the doors locked while you stop, for example, at a convenience store or for a short delivery

This feature allows you to let the remote starter take over control of the vehicle (i.e. no Key in the Ignition Switch) while the engine is running.

- a) With the engine running, make sure to release the brake pedal and press   or  button on the transmitter until the parking lights come ON.
- b) Remove the ignition key from the ignition switch.
The engine will continue running.
- c) Exit the vehicle and close all doors, hood and trunk.
- d) Press the  button to leave doors locked.
- e) Press the  unlock button to leave the doors unlocked.

Note: The engine will continue running until the user re-enters the vehicle or until the expiration of the engine run time.

Caution!!! Do not leave children or pets unattended in a vehicle standing in Idle Mode.

Valet Mode

When the vehicle is in Valet Mode, the remote starter functionalities are disabled. If the vehicle needs to be serviced, or if you park it indoors, the Valet Mode will prevent the engine from being remote-started accidentally.

Any of the following features will put your remote car starter into Valet Mode:

Ignition Valet: This feature allows you to put your system into Valet Mode by using the ignition key.



Remote valet: This feature allows you to put your system into Valet Mode by using the transmitter.

To put the system into Valet Mode

To put the system into Valet mode using the KEY (Ignition Valet Mode):

1. Insert the ignition key into the ignition switch. Within 10 seconds, turn the key 5 times successively into the IGNITION/RUN and OFF positions.
2. The parking lights will flash three times.
3. Turn the ignition OFF.
4. The LED on the antenna will come ON solid to indicate that the vehicle has successfully entered Valet mode.

To put the system into Valet mode using the TRANSMITTER (Remote Valet Mode):



1. Press and hold  and  buttons simultaneously until the remote beeps once (2-way) or until the parking lights flash 3 times (1-way). Release the buttons.
2. The LED on the antenna will come ON solid to indicate that the vehicle has successfully entered Valet mode.

To put the system out of Valet Mode

To put the system out of Valet mode using the KEY (Ignition Valet Mode):




1. Insert the ignition key into the ignition switch. Within 10 seconds, turn the key 5 times successively into the IGNITION/RUN and OFF positions.
2. The parking lights will flash twice.
3. Turn the ignition OFF.
4. The LED on the antenna will be OFF.

To put the system out of Valet mode using the TRANSMITTER (Remote Valet Mode):

1. Press and hold  and  buttons simultaneously until the remote beeps twice (2-way) or until the parking lights flash twice (1-way).
2. The LED on the antenna will be OFF.

To verify whether the system is in Valet Mode using the remote:

Do a status request (applies only for 2-way remote):


1. Press the  button. The remote will beep.
2. The LED of  and  will flash.




The system will warn you if someone attempts to remote start the vehicle while in Valet Mode:

1. The LED of  and  will flash
2. The parking lights will turn ON, turn OFF then flash twice.

Panic Mode

Note: Panic mode can only be activated if the horn has been adequately configured by the installer.

In an emergency situation, you can activate panic mode by pressing and holding the  button until the remote beeps (2-way) or until the parking lights start flashing and the horn starts honking (1-way).

If the vehicle is under a remote start, the engine will shutdown automatically before setting off the horn. You can stop the horn by pressing either the  button, the  button or the  button. Furthermore, the panic mode can be stopped by activating Valet Mode (page 5).





* Panic Mode will automatically shut down after 30 seconds.

Cold Weather Mode

When Cold Weather Mode is active, the engine starts every 2 hours and runs for 3 minutes (or for 8 or 20 minutes with diesel engines). Cold Weather Mode automatically ends after 24 hours (or 12 starts).

To enter Cold Weather Mode:







With the **2-way** remote:

1. Press and hold the  and  buttons until the remote beeps once.
2. The LED of the  and  buttons on the transmitter will light up. The parking lights will flash three times.

With the **1-way** remote:

- Press and hold the  and  buttons until the parking lights flash three times.




To exit Cold Weather Mode, do any of the following actions:



1. Press and hold the  and  buttons until the remote beeps twice.
The LED of the  and  buttons on the transmitter will light up. **(2-way)** OR
2. Press and hold the  and  buttons until the parking lights flash once. **(1-way)**

You can also exit Cold Weather Mode by:

1. Opening the hood.
2. Starting the engine by remote.
3. Turning the ignition key to the IGNITION ON (RUN) position.

To verify whether the system is in Cold Weather Mode, do any of the followings:

- Press the brake pedal: if the vehicle is in Cold Weather Mode, the parking lights will stay on while the pedal is pressed.
- Do a status request **(2-way only)**: press the  button. The remote will beep. The LED of  and  will flash.

Note (2-way only): When trying to activate Cold Weather Mode, if the remote beeps once and the LED of  and  flashes, this indicates that the system is still in Valet Mode, therefore you cannot enter Cold Weather Mode. You must deactivate Valet Mode in order to enter Cold Weather Mode.

Advanced Features: Installation-programmable Options


The remote car starter was designed with flexibility and OEM integration in mind. With its programmable options, this unit can single-handedly control nearly any electrical system in your vehicle.

Caution: The programming of your system should be left to a professional. Changing any one of the settings may affect the operation of your Remote Car Starter.


Remote Door Locks

If your Remote Car Starter was installed with the Remote Door Locks option, you will have the convenience of remote keyless entry.



To UNLOCK your doors and DISARM the system:

1. Press and hold the  button for approximately 1 second.
2. The remote will beep twice to confirm unlocking of the doors (2-way).

To LOCK your doors and ARM the system:

1. Press and hold the  button for approximately 1 second.
2. The remote will beep once to confirm locking of the doors (2-way).


Remote Trunk Release

If your system was installed with the Remote Trunk Release option, you can open your trunk by pressing the  button until the remote transmitter beeps (2-way) or by simply pressing and holding the  button for 3 seconds (1-way).




Engine Run Time™

Your Remote Car Starter can be programmed to run the engine for 3, 8 or 15 minutes (3 minutes by default).


To check the amount of runtime remaining (2-way only):

After the vehicle is remote started, press the  button.









The lit up LEDs indicate how much time is remaining:

For 3 minutes	For 8 minutes	For 15 minutes
		
N/A	8 minutes	15 minutes
3 minutes	6 minutes	12 minutes
2 minutes	4 minutes	8 minutes
1 minute	2 minutes	4 minutes

Multi-car Operation

This option allows the owner of two vehicles, both equipped with the same Remote Car Starter model, to control both systems with a single remote control. To control the second vehicle, simultaneously press the  button and the button of the function you wish to use.

Note: Your remote control must be configured for a second car operation by the installer.

- Press  +  buttons simultaneously: LOCK
- Press  +  simultaneously: UNLOCK
- Press  +  simultaneously: START
- Press  +  simultaneously: STOP

Troubleshooting Poor Transmitting Range

Many factors may affect the operating range of the transmitter. Some of these are:

- The condition of the battery in the transmitter.
- The operating environment (for example: downtown radio-frequency noise, airports, cellular phone towers...).
- Metal: any type of metal will affect operating range. This includes the metal in the car.
- The shape of the vehicle can affect range as well; vans in general have an especially poor range.
- The shape of the roof and A-pillars brings about considerable radio-frequency deflection (in this case the signal from the remote control). As a result, the direction in which the vehicle is facing in relation to the remote control can affect the range. Straight on – standing in front of the vehicle – generally gives you the greatest range; the second best performance is from the back. Using the remote control from either side of the vehicle will usually give the lowest range.
- The range will be significantly lower in a crowded parking lot than in open space.
- Always hold the transmitter high, approximately at shoulder height. Holding the transmitter against your chin will also increase your range: your head acts as an antenna.
- The operating range will be somewhat lower on vehicles equipped with an aftermarket or factory alarm.

LIMITED THIRTY-SIX (36) MONTHS OR 60,000 KM WARRANTY

The manufacturer warrants to the consumer purchaser only, that the remote starter (control box, bypass module, transmitter, antenna, ignition T-harness, and transponder T-harness; collectively referred to herein as "Unit") shall be free from defects in material and workmanship for a period of thirty-six (36)-months from the date of original retail delivery of the Unit, date of first use, or 60,000 KM, whichever occurs first.

THE WARRANTY IS AUTOMATICALLY VOID IF:

- 1) The product has been damaged, altered in any way, or tampered with. For remote starter modules, this includes the opening or removal of the module's plastic covering, or the removal or alteration of the barcode label on the module's plastic covering.
- 2) The product is damaged due to accident, fire, flood, unreasonable use, improper installation, shipping and handling, misuse, abuse, failing to follow instructions, failure to observe manufacturers warnings, neglect, or other conditions beyond the control of manufacturer.
- 3) The product has been installed or repaired by anyone other than an authorized Hyundai technician.
- 4) The product has been improperly installed or used.

THE WARRANTY DOES NOT COVER:

- 1) Batteries.
- 2) Scratched or worn transmitter cases.
- 3) Installation and/or removal charges for all remote starter modules and accessories.
- 4) Shipping and handling charges incurred for product exchange or replacement.
- 5) Damages from sources other than defect in materials or workmanship

THIS WARRANTY IS LIMITED TO THIRTY SIX (36) MONTHS FROM THE DATE OF ORIGINAL RETAIL DELIVERY OF THE UNIT, DATE OF FIRST USE, OR 60,000 KM, WHICHEVER OCCURS FIRST. THIS LIMITED WARRANTY IS THE ONLY EXPRESS WARRANTY FROM THE MANUFACTURER THAT APPLIES TO YOUR UNIT. THE MANUFACTURER NEITHER ASSUMES NOR AUTHORIZES ANY PERSON OR ENTITY TO ASSUME FOR IT ANY OTHER OBLIGATION OR LIABILITY IN CONNECTION WITH YOUR UNIT OR THIS WARRANTY. ALL OTHER WARRANTIES, INCLUDING BUT NOT LIMITED TO, EXPRESS WARRANTY, IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED AND DISCLAIMED TO THE MAXIMUM EXTENT ALLOWED BY LAW. MANUFACTURER HAS NO LIABILITY FOR ACTS OF THIRD PARTIES. MANUFACTURER'S LIABILITY, WHETHER BASED ON CONTRACT, TORT, STRICT LIABILITY, OR ANY OTHER THEORY, SHALL NOT EXCEED THE PURCHASE PRICE OF THE UNIT FOR WHICH A CLAIM HAS BEEN MADE. UNDER NO CIRCUMSTANCE WILL MANUFACTURER BEAR ANY LIABILITY WHATSOEVER FOR INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES. THIS WARRANTY GIVES YOU SPECIFIC RIGHTS AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM PROVINCE TO PROVINCE, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU.

Manufacturer reserves the right to modify this warranty statement at any time. For warranty service, you must provide a copy of the sales receipt or original bill of sale. This warranty is not transferable.

The parties hereto elect that any dispute regarding the present document be submitted to the appropriate Court located in the Province of Quebec, District of Montreal. The parties hereto agree that this document is governed by and interpreted in accordance with the law of Quebec. If the purchaser is located in a province of Canada other than Quebec, all matters dealing with the warranty of quality will be governed by and interpreted in accordance with the law of Ontario. If the purchaser is located outside Canada, all matters dealing with the warranty of quality will be governed by and interpreted in accordance with the United Nations Convention on Contracts for the International Sale of Goods (the "Vienna Convention").