



MODEL RS151
COVENIENCE SYSTEM
OWNER'S MANUAL

Congratulations on your purchase of this Ungo Convenience System. Please read this manual thoroughly to familiarize yourself with your system's components and operation. Discuss any questions you might have with your installing dealer.

Record the serial number of your Ungo system and keep all dealer records and receipts. Be sure to discuss the installation with the dealer so that you understand the specifics of the installation in your vehicle.

CAUTIONS

- **USE OF THE UNGO RS151 IS THE RESPONSIBILITY OF THE OWNER.**
- **KEEP THE REMOTE TRANSMITTERS OUT OF THE REACH OF CHILDREN.**
- **THE UNGO RS151 IS NOT INTENDED FOR USE ON VEHICLES EQUIPPED WITH A MANUAL TRANSMISSION.**
- **BE SURE THE TRANSMISSION IS IN PARK BEFORE LEAVING THE VEHICLE.**
- **ONLY REMOTE START THE VEHICLE IN A WELL VENTILATED AREA.**

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Note: Certain features described in this manual may require additional parts and/or labor. Also, some features of the Ungo RS151 convenience system have selectable options that must be activated or programmed during the system's installation. These items will be identified in the following sections. Your Authorized Ungo Dealer will be happy to discuss these features with you and help you design your system to meet your needs.

About Your System

The Ungo RS151 is a remote controlled car start system. When activated, the RS151 will safely start your car by remote control, without your key in the ignition. If your vehicle is powered by a diesel engine, the RS151 will turn on the ignition for several seconds prior to starting the engine, in order for the glow plugs to warm up.

Once the RS151 has started the engine, it will turn on your preset accessories (heater/air conditioner) to provide you with the maximum comfort when you enter your vehicle. After activation, the RS151 will allow the vehicle to run for approximately 12 minutes (or 24 minutes if selected by your installer at the time of installation) before automatically shutting off.

Ungo RS151 System comes with:

- **Main Unit** - The “brain” of the system.
- **Two 4-Button Remote Transmitters**
- **Extended Range Receiver** - Specifically designed to maximize the operating range of the Remote transmitters.
- **Status LED** - Red illuminated indicator that provides system status information.
- **Valet / Service Mode Switch** - Used to disable the remote starting system in case the vehicle is to be serviced. Optional keyless entry features will still function.

Safety

To provide you with the maximum safety and reliability, the RS151 incorporates the following safety features:

- **Brake Pedal Shutdown** - Shuts down the RS151 when the brake pedal is pressed.
- **Hood Pin Switch Protection** - Prevents the engine from being started while the hood is open.
- **Valet Mode** - Prevents the vehicle from being started when being serviced.

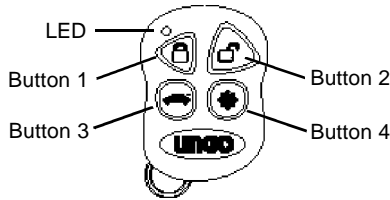
Options

The RS151 Remote Start system also has the capability of controlling the following optional convenience features:

- **Remote Keyless Entry (Door Lock/Unlock)**
- **Remote Trunk Release**
- **Dome Light Control**
- **Horn Honk**
- **Window Roll-up**

Remote Transmitters

Remote Transmitter Layout



The Unigo RS151 comes with 2 Remote Transmitters used to control the system's features. Each time a transmitter button is pressed, the LED will flash to indicate that a transmission is taking place.

Button 1 Locks the doors.*

Button 2 Unlocks the doors.*

Button 3 Activates the system's auxiliary function (usually used for optional trunk release).*

Button 4 Remote starts the vehicle. It is also used to shutdown the engine if remote started.

*optional feature

Adding or Deleting Remote Transmitters

The Unigo RS151 has the ability to recognize 3 individual Remote Transmitters. If the vehicle is used by multiple drivers, each can have their own Remote Transmitter.

To add a Remote Transmitter:

1. Turn on the ignition.
2. Press and hold the Override switch.
 - The status LED will turn on red.
 - The horn will honk 3 times.
 - The LED will turn on.

3. Have all desired transmitters ready and follow the steps below for each transmitter.

For remote Locking **with** chirp confirmation *continue holding the Override switch* and press Transmitter Button 1*.

--- or ---

For remote Locking **without** chirp confirmation *release the Override switch* and press Transmitter Button 1*.

- The parking lights will flash once to confirm that the new Remote Transmitter has been added.

4. Wait 5 seconds then turn off the ignition.

*Be sure that you press only Button 1. Pressing any other transmitter button will cause the unit to recognize the individual transmitter buttons incorrectly.

Note: The RS151 will respond to only those remote transmitters learned during this procedure. Any previous remotes will be deleted.

Battery Replacement

Your Ungo Remote Transmitter uses a 12 volt alkaline battery, which will need to be replaced from time to time. Under normal conditions, the battery may last for up to a year before it needs replacement. When your Remote Transmitter's battery is in need of replacement, you will notice a decrease in your system's operating range or a decrease in the brightness of the Transmitter's LED indicator.

To change the battery, remove the 2 screws at the back of the Transmitter and carefully separate the top and bottom halves of the Transmitter case. Insert the new battery, making sure that the positive and negative terminals are positioned correctly and replace the cover.

Additional Remote Transmitters

Additional Remote Transmitters for your RS151 are available from your Authorized Ungo dealer.

Basic Features

Remote Starting

To Remote Start the System:

1. Be sure the System is not in Valet Mode.
2. Press Button 4.
 - The parking lights will turn on.
 - The horn will chirp 3 times (if installed and not programmed for silent operation).
 - The ignition will turn on.
 - The engine will start and run for the duration of its programmed Run Timer.*
 - The heater or air conditioner will turn on (if turned on prior to exiting the vehicle).
 - The LED will double flash.

Turning on the ignition key then pressing the brake pedal will disengage the RS151 and allow you to operate and drive your vehicle in a normal manner.

***If the engine fails to start on the first attempt, it will repeat the starting procedure 2 more times.**

Shut Down

The following will shut down the engine when it is under Remote Start control:

1. Press Button 4.
 - After the engine shuts down the doors will lock (if installed and programmed).
2. Press the brake pedal.
3. Open the hood.
4. Remote Start Time-Out (completion of the timed run cycle).

Note: The horn will chirp 6 times to indicate remote start shutdown.

Valet Mode

Allows you to temporarily disable the remote starting feature when the car is being serviced or turned over to a parking attendant.

To turn Valet Mode on or off:

1. Turn on the ignition.
2. While pressing the Override Switch, turn off the ignition.
 - The horn will chirp once to indicate you have turned Valet Mode on.
 - The horn will chirp twice to indicate you have turned Valet Mode off.

While in Valet Mode, the LED will light solid and the Remote Transmitters will continue to lock and unlock your doors and operate the Auxiliary Function.

For added protection, when the doors are locked using the Remote Transmitter the Optional Starter Disable circuit will activate, and the LED will emit double flashes until the system is unlocked by the Remote.

Emergency Override (for optional starter defeat feature)

In case your Remote Transmitter becomes inoperable, or it is lost or stolen, you can still enter and drive your car by using the following procedure. Be sure that you have your ignition keys ready and that you know the location of the Override switch before you perform this procedure.

To override the system:

1. Unlock the door using the key.
2. Enter the vehicle.
3. Turn ignition key on.
4. Within 4 seconds, press and hold the Override switch.
 - The Horn will honk twice (if installed).
 - The parking lights will flash twice.
 - The starter defeat will deactivate.
5. You can now start and drive the car.

Stop and Go

The Stop and Go Feature allows you to remove the ignition key and exit the vehicle while keeping the engine running during short stops.

To leave the vehicle running:

1. Press the brake pedal and hold.
2. While pressing the brake pedal, push Button 4 on the Remote Transmitter for 2 seconds.
 - The LED will flash rapidly.
 - The parking lights will flash 5 times and remain on.
3. Release the brake pedal.
4. Remove the key from the ignition switch.
5. You may now exit the vehicle and lock the doors manually or using the Remote Transmitter.

To re-enter the vehicle and resume driver control:

1. Unlock the doors manually or by pressing Button 2 on the Remote Transmitter*.
2. Turn on the ignition.
3. Press the brake pedal to disengage the RS151.
 - The LED will turn off.

*If optional keyless entry feature is installed.

Auto Cold Starting

The Auto Cold Starting Feature automatically starts the vehicle every two hours and runs for the preset Run Time.

To enter Cold Start Mode:

1. Press and hold the Valet switch.
2. Continue holding the Valet switch and press Transmitter Button 3 for 5 seconds then release both buttons.
 - The parking lights will flash 5 times.
 - The engine will start and run for 30 seconds then shut down.
 - The LED will double flash.
3. The system will remain in Cold Start Mode until the vehicle is started using the transmitter or the Cold Start Feature has completed all the run cycles.

Note: Pressing the brake pedal will also turn off the Auto Cold Starting Feature.

Optional Features

Remote Keyless Entry

To Lock and Unlock the doors:

1. Press Button 1 on the Remote Transmitter.
 - The parking lights will flash once.
 - The doors will lock.
 - The optional starter defeat will engage (if connected).
 - The LED will begin flashing slowly.*
2. Press Button 2 on the Remote Transmitter.
 - The parking lights will flash twice.
 - The doors will unlock.
 - The LED will stop flashing.*
 - The dome light will turn on.

*If the Auto Cold Starting Feature is activated, the LED will emit double flashes.

Optional Driver Door Priority Feature*

This configuration adds the security of unlocking only the driver's door when the system is Disarmed. Pressing the Disarm button again will unlock all remaining doors.

Button 1 Arms the system. This button also locks the doors when the system is in Valet Mode.

Button 2 Disarms the system and unlocks the driver's door. This button also unlocks the doors when the system is in Valet Mode.

If the system is Armed, pressing Button 2 will Disarm the system and unlock the driver's door only.

If the system is Disarmed, pressing Button 2 will unlock all remaining doors.

If the system is in Valet and the doors are locked, pressing Button 2 will unlock the driver's door. Pressing Button 2 again will unlock all remaining doors.

*Extra parts and/or labor may be required to properly utilize this feature. See your Authorized Ungo Dealer for details.

Auxiliary Function Output

The system is equipped with an Auxiliary Function output that can be used to remotely control an optional feature such as, electric trunk release, power windows, etc.

To operate the Auxiliary Function, press Button 3.

- This function will operate regardless of whether the system is locked, unlocked, or in Valet mode.

Dome Light Control

For increased safety and convenience this optional feature will automatically turn on the dome light for 20 seconds when the system is Unlocked using the Remote Transmitter.

Reference Chart

This chart may be used to quickly identify and interpret the RS151's parking light and LED indications.

Parking Light Indications	
Flashes	Functions
1	Doors are locked (optional)
2	Doors are unlocked (optional)
5	Auto Cold Starting engaged

Status LED Indications	
Flashes	Functions
Slow	Doors are locked (optional)
Rapid	Remote Started/Running
Solid	Valet mode
Double	Auto Cold Starting engaged

Warranty Information

1. Ungo Security Corporation of Gardena, California ("Ungo Security") warrants this Ungo system to be free from defects in materials and workmanship and to comply with Ungo Security's applicable printed specifications.

2. Ungo Security systems carry a limited lifetime warranty on the Main unit (system brain) and transmitters. The warranty is limited to Ungo Security systems that have been installed by an approved Ungo dealer and is extended to the Original Purchaser ("Owner") and to the original vehicle in which it was installed only, and is not transferable to any subsequent owner or owners of the product(s).

All other products (including those products of other manufacturers which are supplied by Ungo Security as a part of, or an accessory to, an Ungo Security-manufactured product) are warranted by Ungo Security for a period of one year from the date of sale to the Owner. For specific identification of such products contact Ungo Security.

3. This warranty shall not cover: (I) any damage caused by Owner's negligence or misuse of any kind, or any damage due to causes unrelated to Ungo Security's manufacturing, including, but not limited to improper servicing or repair by someone other than Ungo Security or an authorized service facility; (II) alterations or modifications to the Ungo system other than the addition of an authorized accessory; or (III) improper installation or removal from the vehicle contrary to Ungo Security's instructions.

4. Obligations of Ungo Security. In the event the Owner's Ungo system does not comply with this warranty, it must be returned to Ungo Security as specified below. Ungo Security will repair or replace it with a new, comparable, or reworked unit, within thirty (30) days of receipt and acceptance of such defective unit, and without cost to Owner.

5. To make a claim under the warranty. Owner must: (I) provide Ungo Security with written notice that the Ungo System does not comply with the warranty within thirty (30) days from the date of the Owner's discovery of the defect and (II) furnish proof of purchase and purchase date (this requirement is satisfied if Ungo Security has a completed warranty registration card on file).

6. Owner obligations. To obtain Warranty Service, Owner must at Owner's expense: (I) have the Ungo system removed from the vehicle by an authorized Ungo Security dealer, (II) package the unit in a reasonable manner to prevent damage to the unit during shipment; and (III) ship the unit, freight prepaid, to Ungo Security's factory or authorized repair facility.

7. Repair facility locations. To obtain the name, address and phone number of the nearest Authorized Ungo Repair Facility, Owners may contact Ungo Security at 310-327-9100.

8. The Owners of Ungo systems in California have the right to have the product serviced or repaired during the warranty period. The warranty period will be extended for the number of full days that the product has been out of the Owner's hands for

warranty repairs. If a defect exists within the warranty period, the warranty will not expire until the defect has been fixed. The warranty period will also be extended if the repair has not been performed due to delays caused by circumstances beyond the control of the Owner, or if the warranty repairs did not remedy the defect and the Owner notifies Ungo Security or the seller of the failure of the repairs within sixty (60) days after they were completed. If, after a reasonable number of attempts, the defect has not been fixed the Owner may return this product for replacement or a refund, subject in either case, to a deduction of a reasonable charge for usage. The time extension does not effect the protection or remedies the Owner has under other laws.

9. Exclusions from liability.

(A) In no event shall Ungo Security be liable for any loss or damages beyond the original purchase price of the Ungo system, and Ungo Security specifically excludes any and all incidental and consequential damages, whether resulting from breach of warranty or contract, negligence or other conduct in connection with any sale, use, servicing or repair of a unit. (Some states do not allow the exclusion of incidental or consequential damages, so the above exclusion may not apply to you.)

(B) There are no warranties, express, statutory or implied, which extend beyond that which is described herein, and in particular, all implied warranties of merchantability and fitness for a particular purpose, and all warranties of title and against encumbrances, are expressly disclaimed, limited and excluded as permitted by law; but in no event shall any implied warranty, whether of merchantability of fitness for a particular purpose or otherwise, have a duration exceeding that of the express warranty made herein. (Some states do not allow limitation on how long an implied warranty lasts, so the above limitation may not apply to you.)

(C) No agent, officer, employee or representative of Ungo Security, or any other person, has authority to make any representations, promises or warranties respecting Ungo systems and their authorized accessories.

(D) Owner has the right to bring any action at law or in equity to resolve disputes concerning, or to enforce, the provisions of this warranty. No action at law or in equity may be brought against Ungo Security for breach of warranty or contract or based on negligence of other conduct more than three (3) years from the date the cause of action has occurred.

(E) This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

(F) The remedies extended herein are the sole and exclusive remedies available to Owners of Ungo systems.

(G) Under no circumstances should this warranty, or the products covered by it, be construed as an insurance policy against loss.

Technical Data

Specifications

Main Unit

Voltage: 12v, negative ground
Current Consumption: <15mA
Temperature Range: -40°F to +257°F
Auxiliary Output Capability: 500mA
Internal Relays: (4) 30A, (1) 15A

Transmitter

Current Consumption: <.00mA, standby
Battery Type: miniature 12v, type 23A

FCC ID:

MP62ZUUNGO701-702
HP92VUUNGO7000-2

THIS DEVICE COMPLIES WITH FCC RULES PART 15. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS: (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE AND (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE THAT MAY BE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRE OPERATION.

Ungo Security Corporation
Gardena, CA
USA

Warranty Information

Model No.: RS151

Serial No.: _____

Dealer Name: _____

Address: _____

Purchase Date: _____

Ungo Security Corporation

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