Remote Access²

Keyless Entry System

Owner's Manual

AVITAL

Standard Features of Remote Access² System

☑ **5-Year Warranty** — Avital Technologies guarantees the operation of the control unit and remote controls for five full years from the date of purchase (see the enclosed warranty card for details).

☑ **Two AviGlo™ 4-Button/9-Channel Remote Controls** — Designed for easy fingertip control, these 4-button remotes allow you to operate your car's power door locks as well as optional accessories from up to 100 feet away. Once exposed to light, the AviGlo remote control buttons will glow, making the buttons visible in the dark.

☑ **User-Friendly Programming** — With a few flicks of the valet switch, you can easily customize several features of your system to fit your lifestyle. (See "User-Programmable Features" on page 8.)

☑ **Starter Disable Capability** — With the addition of an optional relay, your Remote Access² will electronically disengage your vehicle's starter motor every time you remotely lock all the doors. If a thief gets into your car, he won't be able to start the engine even if he breaks open the steering column and forces the ignition switch. In fact, he wouldn't be able to start the engine if he had a copy of your car keys. This "Starter Disable" feature may also qualify you for a discount on your vehicle insurance.

☑ **User-Programmable Passive Starter Disable** — If the optional starter disable relay was added, you can program your system to automatically disable the starter 30 seconds after the ignition key is turned "OFF."

☑ **User-Programmable Passive Door Lock** — You can program your Remote Access² system to automatically lock all the doors if you forget to lock them with your remote control. You must have the "Passive Starter Disable" feature programmed ON to access the Passive Door Lock feature.

☑ **LED System Status Indicator** — A flashing red light on the dashboard or console warns away thieves while visually confirming that the doors are locked and the Starter Disable is engaged.

☑ **One-Step Remote Control Code Learning** — You can easily add up to four Avital remote controls to your system. (See "Programming Table for Remote Controls" on page 9.)

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☑ **Instant Remote Control Code Deletion** — Removes the code of a lost or stolen remote so it can no longer control your system. (See "Programming Table for Remote Controls" on page 9.)

☑ **Electronic Scan Prevention (ESP)** — Some thieves use digital code "scanners" that rapidly transmit one remote control code after another until they hit the one code that activates the unlock function of a keyless entry system. Electronic Scan Prevention recognizes scanners and blocks their codes to prevent unlocking by anyone but you.

☑ **Remote Panic with Safety Locks™ (optional)** — In a threatening situation, you can activate a siren/horn, flash the parking lights and unlock the doors for immediate entry into your vehicle. (Requires the addition of an optional siren or interfacing with the vehicle horn.)

☑ **Audible Lock/Unlock Confirmation Capability** —This programmable feature will chirp the siren or beep the horn two times when the LOCK button is pressed and once when the UNLOCK button is pressed. (Requires the addition of an optional siren or interface with the vehicle horn).

☑ **Visual Confirmations** —The Remote Access[2] will flash your vehicle's parking lights to confirm door locking and unlocking.

☑ **Interior Light Illumination** —Turns on the interior lights for 30 seconds when you remotely unlock or until the ignition key is turned "ON."

☑ **User-Programmable Illuminated Exit** —The system can be programmed to turn on the interior lights for 30 seconds after the ignition key has been turned "OFF."

☑ **Remote-Controlled Door Lock/Unlock** — Allows you to lock and unlock your doors without using your key.

☑ **Two-Stage Unlock Capability** — For personal safety, when you press the remote control **UNLOCK** button, only the driver's door will unlock. Simply press the remote button again to unlock the passenger doors (may require an additional relay).

☑ **User-Programmable Ignition-Controlled Door Lock/Unlock** — Automatically locks your vehicle's doors when you turn the ignition "ON" and unlocks them when you turn the ignition "OFF."

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☑ **Protected Valet Mode** —If you have the Passive Lock and Passive Starter Disable features turned on, Valet Mode temporarily overrides these feature so you can have your car washed, serviced or valet parked without giving up your remote control. You can put the system in Valet Mode via a flick of a hidden switch. Just repeat the action to return the system to its normal operating mode.

☑ **Two Remote-Controlled Accessory Outputs** — Allows you to add up to two remote-controlled optional accessories such as a remote engine starter, remote headlight activation, window roll-up/down and many other available accessories.

☑ **Remote Trunk Release Capability** — Allows you to activate your vehicle's electronic trunk release from up to 100 feet away. (May require an optional relay. For vehicles with a manual trunk release, a trunk unlock kit is also required.)

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Operating Your Remote Access² System

Remote Controls

Included with your system are two AviGlo™ 4-button/9-channel remote controls. Once exposed to light, the AviGlo remote control buttons will glow, making the buttons visible in the dark.

Your remote control (remote) is a miniature transmitter powered by a small +12 volt battery. Obstructions, electrical or radio interference, weather conditions, window tint or a weak battery can reduce this range. Your remote is the key to your system and can be used to lock and unlock your doors, "pop" your trunk, control a remote engine starter or other optional accessories

Your system can accept up to four Avital remote controls. Additional remote controls and remote control batteries can be purchased from any authorized Avital dealer, or by calling Avital Technologies toll-free at 1-800-253-0334 (within the U.S.) or 1-847-215-2233.

To Lock the Doors

Press the remote control **LOCK** button for 1-2 seconds. The doors will lock, the parking lights will flash twice and the dash mounted LED will blink slowly. If the optional panic feature was connected, the horn or siren will sound two times. This feature can be programmed ON or OFF. (See "Programming Table for System Features" on page 8.) If the optional starter disable relay was added, the starter will be disabled.

To Unlock the Doors

Press the remote control **UNLOCK** button for 1-2 seconds. The doors will unlock, the interior lights will turn on, the parking lights will flash once and the dash mounted LED will turn off. If the optional panic feature was connected, the horn or siren will sound one time. If the optional starter disable was added, it will disengage allowing you to start the vehicle.

Two-Stage Unlock

If the optional two stage unlock feature was installed, press the **UNLOCK** button for 1-2 seconds. The driver door only will unlock. Within 3 seconds, press the **UNLOCK** button again and the passenger doors will unlock.

User-Programmable Ignition-Controlled Door Lock/Unlock

For the ultimate in security and convenience, the Remote Access² will automatically lock the doors when the ignition key is turned "ON" or the engine is started, and the doors will unlock when the ignition key is turned "OFF." This feature can be programmed ON or OFF. (See "Programming Table for System Features" on page 8.)

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User-Programmable Passive Starter Disable

If the optional starter disable relay was added, your system can be programmed to automatically disable the starter 30 seconds after the ignition key is turned "OFF." (See "Programming Table for System Features" on page 8.)

1. Turn the ignition key to the "OFF" position.
2. The LED will flash rapidly for 30 seconds.
3. The LED will then flash slowly to indicate the starter has been disabled.

User-Programmable Passive Door Lock

If the Passive Starter Disable and Passive Lock features are programmed "ON," the system will automatically disable the starter (optional) and lock the doors 30 seconds after the ignition key is turned "OFF." (See "Programming Table for System Features" on page 8.)

1. Turn the ignition key to the "OFF" position and remove the key.

    NOTE: Keep the key in your possession.

2. The LED will flash rapidly for 30 seconds.
3. The doors will lock and the LED will flash slowly to indicate the starter has been disabled.

Remote Panic with Safety Locks™ (optional)

In a threatening situation, you can activate Remote Panic with Safety Locks™. When activated, the siren/horn will sound and the parking lights will flash. If you are inside your vehicle and the ignition key is "ON," the doors will lock. If you are outside the vehicle with the ignition key "OFF," the doors will unlock allowing you to move to safety. (Requires the addition of a siren or interfacing with your vehicle horn.)

Activate

1. Press the remote control **LOCK** button for 3-4 seconds.
2. The siren/horn will sound and the parking lights will flash on and off.
3. If the ignition key is "OFF," the doors will unlock. If the ignition key is "ON," the doors will lock.

Deactivate

1. Press the remote control **LOCK** button for 1-2 seconds.
2. The siren/horn will shut off and the parking lights will stop flashing.

Interior Light Illumination

When you unlock the doors with your remote control, the system will turn on the vehicle's interior light(s) for 30 seconds or until the ignition key is turned "ON."

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User Programmable Illuminated Exit

The system can be programmed to turn on the interior lights for 30 seconds after the ignition key has been turned "OFF." Turning the ignition key "ON" or remotely locking the doors will turn off the interior lights. (See "Programming Table for System Features" on page 8.)

Remote-Controlled Trunk Release

Press the remote control **TRUNK** button for 1-2 seconds. The trunk will unlatch (pop open).

Remote-Controlled Accessories

You can operate up to two remote-controlled accessories such as a remote engine starter, window roll-up/down, headlight activation, fuel filler door release or remote garage door opener.

To operate one of the accessories, press the remote control **OPTION** button for 1-2 seconds to activate or deactivate the optional accessory.

By pressing the remote control **LOCK** and **UNLOCK** buttons simultaneously for 1-2 seconds, you can operate an additional optional accessory.

Valet Switch

The valet switch is a small hidden toggle switch that allows you to control many of the system's programmable features and prevents Passive Lock and/or Passive Starter Disable. In the event of a lost or stolen remote control, you can use this switch to bypass (shut off) the entire system and add or delete remote controls. (See the "User-Programmable Features" on page 8).This switch can **only** be controlled with the use of your ignition key.

NOTE: Be sure to have your dealer show you where the valet switch is located.

Protected Valet Mode

If the Passive Lock and/or Passive Starter Disable features are turned on, you should use your valet switch to place your system in Protected Valet Mode whenever your car is being serviced by mechanics, car wash personnel or driven by a valet attendant. While in Protected Valet Mode, all system features are bypassed to prevent unauthorized or accidental activation.

To Turn on Protected Valet Mode

1. Turn your ignition key to the "ON" position or start the engine.
2. Flick the valet switch to the "ON" position.
3. The LED will turn on solid red to indicate the system is in Protected Valet Mode.
4. Turn the ignition key to the "OFF" position.

To Turn OFF Protected Valet Mode

1. Turn your ignition key to the "ON" position or start the engine.
2. Flick the valet switch to the "OFF" position.
3. The LED will turn off to indicate the system is no longer in Protected Valet Mode.
4. Turn the ignition key to the "OFF" position.

LED	Status
Off	System is disarmed
On solid	In Protected Valet Mode
Slow flash	System is armed
Rapid flash	Passive arming

User-Programmable Features

All system and remote control programmable features are accomplished by turning the ignition key "ON" (or starting the engine) and flicking the valet switch on and off a preset number of times.

The system also allows you to add new remote controls in one step, delete lost or stolen remote controls or rearrange the factory preset remote control functions.

1. Remove the system from Protected Valet Mode. Programming cannot be accessed while the system is in Protected Valet Mode indicated by the LED on solid red.
2. Select the feature you wish to program from the "Programming Table for System Features" below or the "Programming Table for Remote Controls" on page 9. *Note the number of beeps associated with that feature.*
3. Turn the ignition key to the "ON" position.
4. Within 10 seconds, begin flicking the valet switch on and off. The siren will beep once each time you flick the switch on then off.
5. Continue flicking the switch on and off, counting the number of beeps.
   NOTE: Stop when you reach the number of beeps associated with your chosen feature.
6. Follow the "Secondary Action." You will hear a number of beeps to confirm that you have changed the setting of that feature.
7. Turn the ignition key to the "OFF" position.
8. Repeat steps 1-7 for any other feature you wish to program.

Programming Table for System Features

Feature	Factory Setting	# of Beeps	Secondary Action
Ignition Controlled Door Lock/Unlock	ON	4	Wait 3 seconds. The system will beep once for OFF, twice for ON.
Illuminated Exit	ON	8	Wait 3 seconds. The system will beep once for OFF, twice for ON.
Passive Starter Disable	OFF	9	Wait 3 seconds. The system will beep once for OFF, twice for ON.
Passive Door Lock	OFF	10	Wait 3 seconds. The system will beep once for OFF, twice for ON.
Audible Lock/Unlock Confirmation	OFF	13	Wait 3 seconds. The system will beep once for OFF, twice for ON.

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Programming Table for Remote Controls

Feature	Factory Setting	# of Beeps	Secondary Action
Door Lock	**LOCK** Button	14	Press the **LOCK** button. The system will beep once for learned confirmation.
Door Unlock	**UNLOCK** Button	15	Press the **UNLOCK** button. The system will beep twice for learned confirmation.
Trunk Release Output	**TRUNK** Button	16	Press the **TRUNK** button. The system will beep 3 times for learned confirmation.
Accessory Output	**OPTION** Button	17	Press the **OPTION** button. The system will beep 4 times for learned confirmation.
Accessory Output	**LOCK** and **UNLOCK**	18	Press the **LOCK** and **UNLOCK** buttons. The system will beep 5 times for learned confirmation.
One-Step Code Learning	—	19	Press the **LOCK** button. The system will beep once. The remote will operate at factory preset order.
Instant Code Deletion	—	20	Wait 3 seconds. The system will beep twice. All remote controls are erased from memory.

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