

Bandido²

*Remote-Controlled
Vehicle Security System
with Anti-Carjacking*

Owner's Manual



Bandido² Owner's Manual

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Bandido²

Congratulations! You have just purchased the Bandido², a full-featured vehicle security system with anti-carjacking manufactured by Avital Technologies, Inc.

To fully benefit from the capabilities of your system, we encourage you to read the Owner's Manual thoroughly before using the system. If you have any problems or questions regarding your system, consult the dealer from whom you purchased this product. To locate an authorized Avital dealer, contact Avital Technologies directly at 1-800-253-0334 (toll-free within the U.S. only) or 1-847-215-2233. In Mexico, dial 525-605-8541.

Lifetime Warranty

Avital guarantees the operation of your Bandido² control unit and remote controls for as long as you own your car. (Please refer to your Lifetime Limited Warranty Card for complete information.) Make sure that you receive your warranty card from your dealer, complete the required information and mail the registration portion to Avital Technologies. You should retain the top portion of the warranty card for your records.

Anti-Carjacking

The Anti-Carjacking feature of the alarm system is designed for personal protection as well as the recovery of your carjacked vehicle. In the event of a carjacking attempt, do not resist. If your vehicle is carjacked, the Bandido² will automatically activate the siren, flash the lights and immobilize the vehicle's ignition and starter.

Carefully read the following pages for specific operating instructions.

Remote Controls

Included with your system are two AviGlo™ 3-button/6-channel remote controls. Once exposed to light, the AviGlo remote control buttons will glow, making the buttons visible in the dark.

The 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 arm and disarm your alarm, lock and unlock your doors, and control optional accessories such as a remote engine starter, window roll-up and garage door opener.

The Bandido² 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 at 1-800-253-0334 (toll-free within the U.S. only) or 1-847-215-2233. In Mexico, dial 525-605-8541.

Electronic Scan Prevention (ESP)

Your system also includes ESP, which blocks electronic scanner codes preventing unauthorized operation of your system.

Instant Remote Control Code Deletion

In the event of a lost or stolen remote control, all remote controls can be erased from the system's memory preventing unauthorized system operation. (See the "Programming Table for Remote Controls" on page 10.)

One-Step Remote Control Code Learning

The Bandido² system allows you to add new remote controls in one step. (See the "Programming Table for Remote Controls" on page 10.)

Valet Switch

The valet switch is a small hidden toggle switch which allows you to control all of the system's programmable features. (See "User-Programmable Features" on page 9.) 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.

Operating Your Bandido² System

To Arm the Alarm System

Your alarm system can be programmed for active or passive arming. Active arming means the system can only be armed with the remote control. Passive arming means the system will automatically arm itself. (See the "Programming Table for system Features" on page 10.)

Active Arming:

Press remote button #1 for 1-2 seconds. The siren will chirp twice, the parking lights will flash twice, the doors will lock, the LED will flash slowly and the starter will be disabled.

** If your system was installed with the door lock/unlock feature, All other door lock/unlock related features will apply.*

Passive Arming:

Turn the ignition key "OFF," exit the vehicle and close the doors. When the interior lights turn off, the LED will begin flashing rapidly to indicate the alarm is passive arming. After 30 seconds, the siren will chirp twice, the parking lights will flash twice, the LED will flash slowly and the starter will be disabled (at any time during passive arming, the alarm can be actively armed).

To Disarm the Alarm System

Press remote button #1 for 1-2 seconds. The siren will chirp once, the parking lights will flash once, the doors will unlock, the interior lights will turn on, the LED will turn off and the starter will be enabled.

Operation of the Anti-Carjacking Feature

There are two separate stages for anti-carjacking activation.

Alert Mode:

The Anti-Carjacking activation begins as soon as the ignition key is turned "ON" or the engine is started. After 10 seconds, the siren will begin chirping to alert you to deactivate the feature with your remote control. If the feature is not deactivated, the siren will continue to chirp 7 times which takes approximately 15 seconds. The parking lights will then begin to flash for 10 seconds. This will give you a total of 35 seconds to deactivate the anti-carjacking feature with your remote control.

Engine Shut Down Mode:

After the parking lights have flashed for 10 seconds, the siren will sound and the parking lights will continue to flash. The system will monitor the engine RPM's. When the carjacker stops or slows for a turn, the engine will automatically shut off and not allow the vehicle to be restarted. This process will allow the carjacker to drive a safe distance from you before shutting down the engine, but typically close enough to make recovery easier.

When the system enters the Engine Shut Down Mode, the remote control **WILL NOT** deactivate the Anti-Carjacking feature. The valet switch **must be used** to deactivate the feature and start the engine.

To Activate the Anti-Carjacking Feature

The Anti-Carjacking feature can be programmed active or passive. Active means the Anti-Carjacking feature can only be activated with the remote control. Passive means the Anti-Carjacking feature will automatically activate itself. (See the "Programming Table for System Features" on page 10.)

Active:

In a carjacking situation, while the engine is running, press the remote control buttons #2 and #3 for 1-2 seconds. The system will automatically begin the Alert and Engine Shut Down modes. The system does not provide any audible or visual arming confirmation that would alert the carjacker.

Passive:

Every time the doors are opened and the engine is started or already running, the Anti-Carjacking feature will automatically activate.

To Deactivate the Anti-Carjacking Feature

1. Start the engine.
2. Within 10 seconds, press the remote buttons #2 and #3 simultaneously for 1-2 seconds.
3. The parking lights will flash two times.
4. The LED will flash 4 times to confirm disarm.
5. While the engine is running, if a door is opened or the interior lights are turned "ON," you must press the remote buttons #2 and #3 simultaneously for 1-2 seconds to deactivate the Anti-Carjacking feature.

Remote-Controlled Silent Arm/Disarm

Press the remote button #3 for 1-2 seconds to arm or disarm your system without the usual siren chirps.

Silent Arm Indications:

The parking lights will flash twice, the doors will lock, the starter will be disabled and the LED will flash slowly.

Silent Disarm Indications:

The parking lights will flash once, the doors will unlock, the starter will be enabled and the LED will turn off.

User-Programmable Long-Term Silent Arm/Disarm

This feature allows you to completely disable the arm/disarm siren chirps until you decide to restore them. (See the "Programming Table for System Features" on page 10.)

Interior Light Illumination

When the alarm system is remotely disarmed, the vehicle's interior light(s) will turn on for 30 seconds or until the ignition key is turned on.

To Activate Optional Accessories

Press remote button #2 for 1-2 seconds to activate an optional accessory. To activate an additional optional accessory, press remote buttons #1 & #2 simultaneously for 1-2 seconds.

Zone²™ Impact Sensor

The Zone² Impact Sensor has two individual vibration/impact sensing zones.

Zone #1:

If a less threatening vibration or impact is detected, the siren will issue 2 warn-away chirps. A second violation will also issue 2 warn-away chirps. If within 45 seconds a third violation is detected, the sensor will automatically trigger the alarm. The siren will sound and the lights will flash.

Zone #2:

If a more threatening vibration or impact is detected at any time, the siren and lights will activate instantly.

Protected Valet Mode

You can place your system in Protected Valet Mode when your car is being serviced by mechanics, car wash personnel or driven by valet attendants, and still maintain possession of your remote control(s). While in Protected Valet Mode, all alarm functions are bypassed to prevent undesired or accidental arming. Remote-controlled lock/unlock and all optional accessories will still operate.

To Turn on Protected Valet Mode:

1. Turn your ignition key to the "ON" position or start the vehicle.
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 your ignition key to the "OFF" position.

To turn off Protected Valet Mode:

1. Turn your ignition key to the "ON" position or start the vehicle.
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 your ignition key to the "OFF" position.

Remote-Controlled Valet

For your convenience, the system can be put into Valet Mode via the remote control. While in Remote-Controlled Valet, all alarm functions are bypassed. Remote-controlled lock/unlock and all optional accessories will still operate.

NOTE: The system must be disarmed and the Anti-Carjacking feature deactivated in order to activate the Remote-Controlled Valet feature.

To Activate Remote-Controlled Valet:

1. Press remote control buttons #1 and #3 at the same time for 1-2 seconds.
2. The parking lights will flash 4 times, and the LED will turn on solid red.

To Deactivate Remote-Controlled Valet:

1. Press remote control buttons #1 and #3 at the same time for 1-2 seconds.
2. The parking lights will flash 3 times and the LED will turn off.

User-Programmable Passive Door Lock

The system will not automatically lock the doors when the alarm passively arms to prevent the keys and remote from accidentally being locked in the vehicle. If you prefer, you can easily program the system to automatically lock the doors every time the alarm passively arms. (See the "Programming Table for System Features" on page 10.)

User-Programmable Ignition-Controlled Door Lock/Unlock

For the ultimate in security and convenience, the system will automatically lock the doors when the ignition key is turned "ON" or when the vehicle engine is started and the doors will unlock when the ignition key is turned "OFF." This feature can be programmed on or off. (See the "Programming Table for System Features" on page 10.)

Remote Panic with Safety Locks™

In a threatening situation, you can activate Remote Panic with Safety Locks. When activated, the siren will sound continually and the parking lights will flash on and off. If the ignition key is "OFF," the doors will unlock. If the ignition key is "ON," the doors will lock. To deactivate, press button #1 for 1-2 seconds.

LED System Status Indicator

The LED on your vehicle's dashboard or center console will inform you of the system status.

LED	Status
Off	System is disarmed
On solid	In Protected or Remote-Controlled Valet Mode
Slow flash	System is armed
Flashing in cycles	See "Specific Zone Intrusion Identification" on page 8
Rapid flash	Passive Arming

Previous Intrusion Alert

If the vehicle had been tampered with and the alarm has been triggered, the siren will chirp 3 times upon remote disarm instead of the usual 1 chirp.

Specific Zone Intrusion Identification

If the alarm had been triggered in your absence, the siren will chirp 3 times upon remote disarm (Previous Intrusion Alert). When you enter the vehicle and turn the ignition "ON," the LED will flash in cycles to specifically identify which zone triggered the system.

LED	Zone
One Flash...One Flash...	Impact sensor
Two Flash...Two Flash...	Hood/Trunk trigger
Three Flash...Three Flash...	Door trigger

Automatic Malfunction Override

In the event of a faulty sensor or alarm input trigger zone, the alarm, when remotely armed, will alert you by a series of chirps and parking light flashes.

How to Interpret the Chirps and Parking Light Flashes:

When you press the remote control buttons, the system will respond with chirps and flashes of the parking lights to indicate the system status. An explanation of these chirp/flash acknowledgments follows:

Number of chirps and flashes	Explanation
1 chirp, 1 flash	Disarming of the system
2 chirps, 2 flashes	Arming of the system
2 chirps and flashes, then 4 more chirps and flashes	Armed and there is a sensor malfunction (automatically bypassed)
3 chirps, 3 flashes	Disarmed and there was an intrusion attempt
4 chirps, 4 flashes	Armed and there is a trigger malfunction (automatically bypassed)

Alarm State Memory

If your vehicle's battery is disconnected and later reconnected, the system will automatically return to its last state prior to disconnection, whether it was armed, disarmed or in Protected Valet Mode. For example, if a mechanic disconnects the battery while the alarm is disarmed or in Protected Valet Mode, he won't trigger the system when he reconnects the battery. If a thief interrupts power while the system is armed, and reconnects it, the alarm will instantly sound, the parking lights will flash and the starter will be disabled.

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 Bandido² 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 or Remote-Controlled Valet Mode. Programming cannot be accessed while the system is in Valet Mode indicated by the LED on solid red.
2. Select the feature you wish to program from the "Programming Table for System Features" or the "Programming Table for Remote Controls" on page 10. *Note the number of chirps 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 chirp once each time you flick the switch on then off.
5. Continue flicking the switch on and off, counting the number of chirps.
NOTE: Stop when you reach the number of chirps associated with your chosen feature.
6. Follow the "Secondary Action." You will hear a number of chirps 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	No. of Chirps	Secondary Action
Active/Passive Arming	Passive	4	Wait 3 seconds, the siren will chirp once for Active, twice for Passive.
Passive Door Lock	OFF	5	Wait 3 seconds, the siren will chirp once for OFF, twice for ON.
Passive Armed Confirmation	ON	7	Wait 3 seconds, the siren will chirp once for OFF, twice for ON.
Long-Term Silent Arm/Disarm	OFF	8	Wait 3 seconds, the siren will chirp once for OFF, twice for ON.
Ignition-Controlled Door Lock/Unlock	ON	9	Wait 3 seconds, the siren will chirp once for OFF, twice for ON.
Active/Passive Activation of Anti-Carjacking	Passive	12	Wait 3 seconds, the siren will chirp once for Active, twice for Passive.

Programming Table for Remote Controls

Feature	Factory Setting	No. of Chirps	Secondary Action
Arm/Disarm, Remote Panic	Channel 1 Button 1	14	Press Button 1, the siren will chirp 1 time.
Accessory Output	Channel 2 Button 2	15	Press Button 2, the siren will chirp 2 times.
Silent Arm/Disarm	Channel 3 Button 3	16	Press Button 3, the siren will chirp 3 times.
Accessory Output	Channel 4 Buttons 1&2	17	Press Buttons 1&2, the siren will chirp 4 times.
Activate/Deactivate Anti-Carjacking	Channel 5 Buttons 2&3	18	Press Buttons 2&3, the siren will chirp 5 times.
Remote-Controlled Valet	Channel 6 Buttons 1&3	19	Press Buttons 1&3, the siren will chirp 6 times.
One-Step Remote Control Code Learning	—	20	Press Button 1, the siren will chirp 1 time.
Instant Remote Control Code Deletion	—	21	Wait 3 seconds, the siren will chirp twice, all codes are erased out of memory.



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