

CHAMPION MARK 3

Remote Controlled
Vehicle Security System

Owner's Manual



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31-1030B/5-95

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Using Your Champion Mark 3 Security System

■ Remote Control

Each of the pair of remote controls is a miniature radio transmitter with a typical range of up to 100 feet. Obstructions, radio interference, cellular transmissions or a weak remote control battery may reduce the range, or interrupt transmission (if the system does not immediately respond, release and press the button again; this works better than holding the button down). The second remote can be used by a second driver of the vehicle, or kept as a spare.

■ Using the Remote Control

Your 3-button/9-channel remote control is the key to your security system. It incorporates Avital's Stealth Coding™ technology which offers the most advanced protection available against "code-grabbing" devices (see page 6). It's an ingenious user-friendly device that can control nine different functions, yet it only has three different buttons, and an elevator button on its side. You will use it to arm or disarm the system, lock or unlock the doors, activate its panic feature or control options such as a remote trunk release, remote engine starter and other Avital systems on your other vehicles.

■ To transmit channels 1, 2 or 3:

Just press button 1, 2, or 3. For instance, to transmit channel 3, press button 3. When you transmit, the LED will blink once every second. The single blink indicates level 1.

■ To transmit channels 4, 5 or 6:

Press the elevator button once. This lifts buttons 1, 2 and 3 to level 2. They will now transmit channels 4, 5 and 6. Then press the desired button within the next 7 seconds. For instance, to transmit channel 5, push the Elevator button once, then press button 2. When you transmit, you'll see that the LED blinks twice, pauses, blinks twice, etc. The two blinks indicate level 2.

■ To transmit channels 7, 8 or 9:

Press the elevator button twice. This lifts buttons 1, 2 and 3 to level 3. They will now transmit channels 7, 8 and 9. Then press the desired button within the next 7 seconds. For instance, to transmit channel 8, push the Elevator button once, then press button 2. When you transmit, you'll see that the LED blinks three times, pauses, blinks three times, etc. The three blinks indicates level 3.

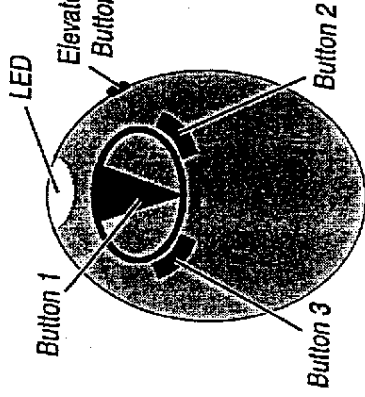
One second after transmitting at level 2 or 3 (channels 4-9), the remote control automatically returns to level 1 (channels 1-3).

TO ARM

Press button 1 once. You will hear two chirps and the parking lights will flash twice. The LED will flash repeatedly and the

THE SYSTEM

car doors will automatically lock. Any attempt to break into the car will immediately disable the engine, sound the siren and flash the parking lights.



**TO DISARM
THE SYSTEM**

Press button 1 again. One chirp and one flash of the lights will confirm disarming. In addition, the car doors will automatically unlock and the interior lights will turn on and stay on for 30 seconds or until you start the engine.

**TO SILENTLY
ARM OR DISARM
THE SYSTEM**

Press button 3. The system will arm or disarm with all the indications noted above except the chirp acknowledgements.

**TO ACTIVATE
THE PANIC
FEATURE**

Press button 1 for 3 seconds. The lights will flash repeatedly and the siren will blare for 30 seconds, or until you press button 1 again to turn it off. If the remote door lock/unlock is enabled, the doors will also unlock so that you can immediately enter your vehicle. If you panic the system when you're behind the wheel (with the ignition on), the doors will automatically lock to stop potential assailants from entering your vehicle.

**TO ACTIVATE AN
OPTION WHEN
THE ALARM IS
DISARMED**

Button 2 (channel 2) can only control an option when the system is disarmed. If you have one of the following options installed, pressing button 2 while the alarm is disarmed will either:

- ★ Remotely open the trunk *OR*...
- ★ Remotely open the fuel tank door.

**TO ACTIVATE
AN OPTION
REGARDLESS
OF STATE**

Press the elevator button once, then press button 1 (which now transmits channel 4) to activate an option such as a remote engine starter, Avital systems on your other vehicles or even a remote controlled electric garage door opener.

■ **Remote Controls with Stealth Coding™ :**

Whenever car owners remotely arm or disarm other alarms, car thieves with electronic "code-grabbers" can instantly capture and record off the air the digital codes transmitted by their remote controls. When the owner leaves, the thief can play back the code to *disarm* the system and unlock the doors. But Avital's Stealth Coding™ remote controls randomly change the code every time you use them, and the system will not respond if any code is re-transmitted. This makes car thieves' code-grabbers completely useless against the Champion Mark 3.

■ **Electronic Scan Prevention (ESP)™**

Many car thieves also use electronic scanners that rapidly transmit one remote control code after another to defeat ordinary alarms. ESP prevents scanners from disarming your system.

■ **Selectable Passive Arming**

Simply close and lock your car doors. Thirty seconds later, the system will arm itself to ensure your vehicle is always protected. Since the system arms itself, you will need to disarm it with the remote control when you come back. If you have the passive arming feature set on, when fueling your car, either put the alarm in valet mode, use the Quick Override of Passive Arming feature (see below) or leave one of the doors open (the system will not passively arm if a door is open). If you prefer, you may turn off the Passive Arming feature. See the *User-Programmable Features* section on pages 10-12.

■ **Quick Override of Passive Arming:** Prevents passive arming when fueling the vehicle and other times when you wish to temporarily prevent the passive arming. To activate Quick Override of Passive Arming, rapidly turn the ignition switch to "ON" then "OFF" twice. You will hear a single chirp to confirm that the system will not passively arm. The passive arming feature will automatically return to normal operation the next time you park your car.

■ **Passive Self-Locking:** Normally the system will not automatically lock the doors when it passively arms to prevent you from accidentally locking your keys and remote control inside the vehicle. If you prefer, you can easily set the Champion Mark 3 to automatically lock the doors every time the system passively arms. See the *User-Programmable Features* section on pages 10-12.

■ **Valet Mode With Remote Controlled Activation**

Whenever the alarm is put in valet mode, all of the alarm functions are bypassed. This prevents passive arming and accidental activation of the alarm. You should use valet mode whenever your car is to be serviced by mechanics, car wash personnel or driven by valet attendants. It also comes in handy if you ever lose your remote control or its battery dies. **Be sure to ask your installer to show you where the valet switch is located.**

■ **To REMOTELY turn ON valet mode:**

NOTE: The system must be disarmed before it can remotely be put into valet mode.

1. Press the elevator button once and press button 2 to transmit channel 5.

Continued...

2. The parking lights will flash twice and the LED will glow continuously to indicate that the alarm is in valet mode.

■ **To REMOTELY turn off valet mode:**

1. Press the elevator button once and press button 2 to retransmit channel 5.
2. The parking lights will flash once and the LED will turn off to indicate that the alarm is in normal operating mode.

■ **To manually turn ON valet mode:**

1. Insert your ignition key and turn it to the "ON" position, or start the engine.
2. Flip the valet switch.

3. The LED will glow continuously to indicate that the alarm is in valet mode.

■ **To manually turn OFF valet mode:**

1. Insert your ignition key and turn it to the "ON" position, or start the engine.
2. Flip the valet switch.
3. The LED will turn off to indicate that the alarm is in normal operating mode.

■ **Keyless Entry in Valet Mode**

Even if you have turned the valet mode ON, you will still be able to remotely control all the convenience features. For instance, simply press button 1 as if you were arming or disarming and your car's doors will lock or unlock. You can also transmit channels 2 & 4 to activate optional accessories.

■ **Automatic Door Control**

For your safety and that of your passengers, the system automatically locks the doors when you turn on the ignition switch to start the engine and unlocks them once the ignition is turned off. If you prefer, you may turn off the Automatic Lock/Unlock feature. See the *User-Programmable Features* section on pages 10-12.

■ Dual-Level Tampering Warning

If you wish, you may set your system to a dual-level warning. Instead of the full alarm blast when the vibration/impact sensor first detects tampering, the vandal or thief will hear a rapid 5-chirp warning. If the sensor is activated again within 30 seconds, or if the hood, trunk or a door is opened at any time, the siren will scream for its full 30 second duration. See the *User-Programmable Features* section on pages 10-12.

■ Alarm State Memory

If you car's battery is disconnected, and later on reconnected, the system automatically returns to its last state before power was removed, whether it was armed, disarmed or in valet mode. So if a mechanic disconnects the battery while it's in valet mode, he won't trip the alarm when reconnecting the power. Yet if a thief removes power and reconnects it while the alarm is armed, the alarm will instantly sound, the parking lights will flash and the starter will be disabled.

■ Automatic System Check

Each time you remotely arm your vehicle, it will perform a series of tests on all triggers and sensors. If a *trigger* (which detects the opening of doors, the hood or the trunk) malfunction is found, you will be visually and audibly alerted *immediately* with 4 chirps and flashes instead of the usual 2. If a *sensor* is malfunctioning, you will receive the usual 2 chirps and flashes, then, *5 second later*, there will be 4 chirps and flashes.

■ Automatic Malfunction Override

To provide the utmost protection even if a system component malfunctions, the system will automatically bypass the faulty point and arm all *other* triggers and sensors until you can have the system serviced by your local Authorized Dealer.

■ LED Status Indicator

The LED on your car's dashboard or console will inform you of the system status:

LED Condition	Meaning
Off	System is disarmed
On	Protected valet mode
Flashing	System is armed

■ Attempted Theft Alert

The system will let you know if there was an attempt made on your vehicle while you were away. When you remotely disarm, if you hear 3 chirps instead of the usual one chirp it means the alarm sounded in your absence.

■ How to Interpret the Chirps and Parking Light Flashes

When you press the remote control buttons, the system will respond with chirps (unless you have the chirp muting feature turned on) and flashes the parking lights to indicate the system status. *The meaning of these chirp/flash acknowledgments is as follows:*

Number of chirps and flashes	Meaning
1	Disarming of the alarm
2	Arming of the alarm
2 and then 4	Armed and there is a sensor malfunction (automatically bypassed)
3	Disarmed and there was an intrusion attempt
4	Armed and there is a trigger malfunction (automatically bypassed)

■ Selectable Chirp Control

Whenever you wish, you may completely silence the system's arm/disarm chirps. The short-term and one-time chirp muting capabilities are especially valuable when parking late at night in a quiet residential area. You have these choices:

- **Chirp Cancelling:** Lets you completely silence the chirps until you wish to restore them. See *User-Programmable Features* on pages 10-12.
- **One-Time Remote Chirp Muting:** The most simple of all. To remotely arm or disarm the alarm silently, press button 3.

User-Programmable Features

Your vehicle security system allows you to set many of its features to your own personal preferences. We have made the programming procedures very simple: to make a change, you just flick the valet switch a few times. The system comes from the factory with all of its features pre-programmed as noted in the table on page 12. To change any of the settings, use the procedure noted. To restore the feature to its factory setting, just repeat the procedure:

1. Select the feature you wish to program from the table on page 12.
Note the number of flicks and chirps associated with that feature.
2. Insert your ignition key and turn it to the ON position.
3. Immediately flick the valet switch back and forth, counting the number of chirps you hear. Stop when you reach the number of chirps associated with the feature you wish to program.
4. If noted, do the "secondary action."

Continued...

5. After a 3-second pause, you will hear 1-6 chirps, depending on the feature being programmed, to confirm that you have changed the setting of the feature. Turn the ignition OFF.
6. Repeat steps 1-5 for any other features you wish to program.

Example

To change the passive arming feature from its factory setting of ON to OFF, you would note from the table on page 12 that changing the state of passive arming requires four (4) flicks of the valet switch. You would do the following:

- ★ Turn the ignition key to the ON position.
- ★ Immediately after the ignition is turned on, flick the valet/program switch back and forth four times while counting the number of confirmation chirps.
- ★ When the 4th chirp sounds, wait 3 seconds. The system will sound one chirp to confirm that the passive arming setting has been turned OFF.
- ★ Turn the ignition OFF.

That's all there is to it!

Programming Table for User-Programmable Features

Feature	Factory Setting	Number of Chirps	Secondary Action	Program Completion Confirmation	Result
Passive Arming	ON	4	—	1 or 2 chirps 3 seconds after last step	Change state from ON to OFF or vice-versa (ON-2 Chirps, OFF-1 chirp)
Passive Self-Locking	OFF	5	—	1 or 2 chirps 3 seconds after last step	Change state from ON to OFF or vice-versa (ON-2 Chirps, OFF-1 chirp)
Arm/Disarm Chirp Confirmation	ON	6	—	1 or 2 chirps 3 seconds after last step	Change state from ON to OFF or vice-versa (ON-2 Chirps, OFF-1 chirp)
Lock/Unlock when Ignition is On/Off	ON	9	—	1 or 2 chirps 3 seconds after last step	Change state from ON to OFF or vice-versa (ON-2 Chirps, OFF-1 chirp)
Tampering Warning	OFF	11	—	1 or 2 chirps 3 seconds after last step	Change state from OFF to ON or vice-versa (ON-2 Chirps, OFF-1 chirp)
Add a New Remote to Channel 1 (arm/disarm)	—	13	Press remote control button 1	1 chirp	Button 1/channel 1 code of new remote control has been memorized
Add a New Remote to Channel 2 (optional remote accessory)	—	14	Press remote control button 2	2 chirps	Button 2/channel 2 code of new remote control has been memorized
Add a New Remote to Channel 3 (silent arm/disarm)	—	15	Press remote control button 3	3 chirps	Button 3/channel 3 code of new remote control has been memorized
Add a New Remote to Channel 4 (optional remote accessory)	—	16	Press elevator button once and press remote control button 1	4 chirps	Button 1/channel 4 code of new remote control has been memorized
Add a new remote control to the Valet Mode	—	17	Press elevator button once and press remote control button 2	1 chirp 3 seconds after last step	Button 2/channel 5 code of new remote control has been memorized
Delete all Remote Control Channels	—	19	—	2 chirps 3 seconds after last step	Deletes all remote controls from the system's memory; you must now program your remaining remote controls

Remote Control Code Learning

Factory setting: The two remotes included with your system are pre-programmed into the system.

Your system will respond to as many as four remote controls (including those with Stealth Coding™). You can buy additional remote controls from any Authorized Avital Dealer. To add a new remote control to the system, use the procedures noted in the *User-Programmable Features* section on pages 10-12.

To Erase Unwanted Remote Control Codes

If one of your remote controls is ever lost or stolen, you can erase its digital codes from the system memory to make sure that the missing remote control can never be used to disarm your system. To delete all the remote control codes (channels) from the system, use the procedures noted in the *User-Programmable Features* section on pages 10-12. Then reprogram the remaining and/or new remote controls back into the system.