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EXCALIBUR 4 Button 1 Way Remote Start Systems

EXCALIBUR 4 Button 1 Way Remote Start Systems User Guide

Contents

EXCALIBUR 4 Button 1 Way Remote Start Systems

Product Information

Specifications:

- Model: 4 Button / 1 Way Remote Start Systems
- Manufacturer: Omega Research & Development Technologies, Inc.
- Year: 2019
- Remote Battery Types: CR2032 (1), CR2016 (2)

Product Usage Instructions

Replacing Your Remote Battery

Steps:

1. Find the part # on the back of the remote to identify the battery.
2. Remove the screw from the back of the remote.
3. Gently pry the case in halves apart to access & replace the battery.

Security, Keyless Entry, & Convenience Functions

Function	Button(s)	Note
Lock & Arm	–	Security enabled systems will flash the status LED.
Lock Only	–	Ideal for occupied vehicles, RV's, etc.

Remote Start Functions

Function	Button(s)	Note
Engine Start/Stop	x 2	Activation is programmable.
Run Time Extender	–	The system will restart the internal run timer.

Frequently Asked Questions

Q: How can I disable the security system temporarily?

A: To disable the security system temporarily, you can utilize the Valet Button function. Consult your installer for more details on this feature.

Q: Can I customize the system options for my specific needs?

A: Yes, you can customize certain system options based on your preferences. Please refer to the complete operation guide for detailed instructions on customization.

Q: How do I know when to replace the remote battery?

A: If you notice decreased remote responsiveness or if the LED indicators are dim, it may be time to replace the remote battery. Follow the steps outlined in the manual for replacing the battery.

Visit **www.CarAlarm.com** today

To Download your complete operation guide and learn more about:

Additional Features

- Anti-Carjacking Mode
- Secure Code Override
- Turbo Timer Support & Operation
- Customizing System Options
- Passive Security Functions
- Emergency Override

System Upgrades

- Linkr Smartphone Control
- 2-Way Controllers w/ Extended Range
- Upgrading To Full Security With Sensors & Siren

REPLACING YOUR REMOTE BATTERY

STEPS	REMOTE PART#	BATTERY (QTY)
1) Find the part # on the back of the remote to identify the battery.	1412 & 1418	CR2032 (1)
2) Remove the screw from the back of the remote 3) Gently pry the case in halves apart to access & replace the battery.	1415 & 1417	CR2016 (2)

SECURITY*, KEYLESS ENTRY, & CONVENIENCE FUNCTIONS

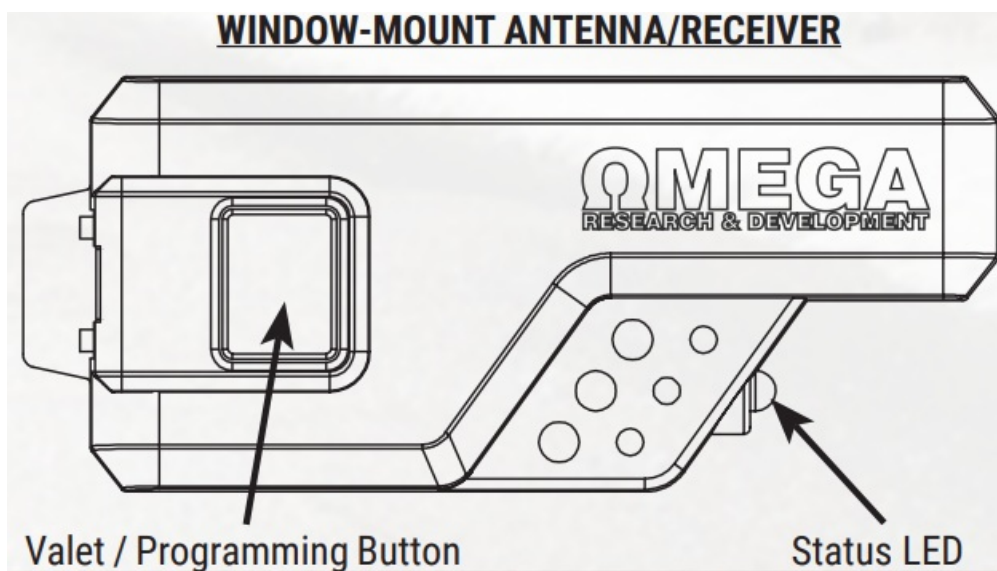| FUNCTION	BUTTON(S)	NOTE
Lock & Arm*	🔒	Security enabled systems will flash the status LED.
Lock Only*	🚗 , 🔒	Ideal for occupied vehicles, RV's, etc.
Unlock & Disarm*	🔓	If only driver's door unlocks, press again to unlock all
Silent Arm/Disarm*	🚗 x 2	System will toggle Arm/Disarm each time
Disable Sensor*	🔒 , 🚗	Sensors are disabled until you Lock/Arm again.
Trunk/Hatch Release	🚗 For 3 Sec.	By default, the system will also disarm/unlock
Panic	🔒 or 🔓 3 Sec.	Doors will Lock or Unlock before panic.
FUNCTION	**VALET BUTTON**	**NOTE**
Alarm Override	Turn Ignition "On" Then Press the Valet Button.	This will disarm the alarm when remotes are unavailable.

REMOTE START FUNCTIONS

FUNCTION	BUTTON(S)	NOTE
Engine Start/Stop	🔄 x 2 START	Activation is programmable (contact installer). <u>Take Over</u>: Turn ignition key 'ON' (not start), press brake pedal
Run Time Extender	🔄 START	The system will restart the internal run timer.
Low Battery & Low/ Hi Temp Auto-Start	🔓 , 🔒 , 🔄 START	Auto-start will activate a max of once per 2 hours. See your installer or the full manual for threshold settings.
Remote Valet	🔒 , 🔓 , 🔄 + 🚗 START	This disables remote start and the security system. The status LED will turn on. Repeat this process or press valet button once to exit valet mode. *TIP: You can also enter valet mode by holding the valet button for 3 seconds!*
FUNCTION	**VALET BUTTON**	**NOTE**
Pit Stop Mode	Press 2x w/ Engine Running For More Than 10 Seconds	This will leave the engine running for the programmed run time so you can take your keys with you to run errands.
XL Pit Stop Mode	Press 6x w/ Engine Running For More Than 10 Seconds	This will leave the engine running for 12 hours so you can safely leave the engine running for extended periods. Ideal for commercial vehicles using strobes, refrigerators boxes, etc.

## MANUAL TRANSMISSION RESERVATION MODE

This must be performed before you can remote start a manual transmission vehicle to ensure the car is in neutral & maximum safety. Consult your installer for more information.

1. With the engine running (more than 10 seconds), hold the brake pedal & place the transmission in neutral.
2. Apply the parking brake and release the brake pedal.
3. Send the remote start command via your remote. The remote start should engage (not crank) and the status LED will begin flashing.
4. Take the ignition key out of the switch (the engine should stay running).
5. Exit the vehicle and lock your doors with the remote. The engine will turn off.

WINDOW-MOUNT ANTENNA/RECEIVER

WINDOW-MOUNT ANTENNA/RECEIVER

Valet / Programming Button   Status LED

AUXILIARY REMOTE FUNCTIONS

AUXILIARY REMOTE FUNCTIONS		
FUNCTION	**BUTTON(S)**	**NOTE**
	🚗 + ⟳ START	CH3/AUX1 - Write function in first column*
	🚗 + 🔒	CH4/AUX2 - Write function in first column*
	🔓 + ⟳ START	CH5/AUX3 - Write function in first column*
	🔓 + 🚗	AUX4 - Write function in first column*

*These special functions may not be available on your vehicle. Consult your installer.

PROGRAMMING REMOTES TO THE SYSTEM (UP TO 4)
BEFORE YOU BEGIN: Have all remotes for the system at hand.

1. Turn the ignition key "ON" (do not start).
2. Press the valet button 5 times within 5 seconds of step 1.

   The horn will briefly sound
3. Press & release the "lock" button on each transmitter one after the other.
   - 1-button models, press the "start" button.
   - The siren/horn will chirp once for each transmitter.
   - NOTE: When the first remote is learned all previous remotes are erased.
   - NOTE: All other button functions will automatically be assigned.
4. Turn the ignition key "OFF".

   NOTE: The system will exit at any time after 10 seconds of no activity.

REMOTE START ERRORS

CHIRPS/FLASHES	VIOLATED ZONE
LED ON	System in Valet mode
1	Hood opened
2	Brake pedal pressed
3	Bad tach signal or engine over-rev.
4	BLACK/WHITE wire lost ground
5	3D motion detected while cranking
6	Received engine stop command
7	Alarm was triggered
8	Run time expired
9	Low vehicle battery voltage detected

If the system fails to remote start or remote start stops unexpectedly, it will give a long horn/siren chirp followed by a series of short horn/siren chirps & light flashes. The short chirps/light flashes indicate the cause of the failure. **TIP:** If remote start won't activate, the system may be in valet mode (Status LED ON). Press the valet button once to exit.

Problems? Questions? Contact Customer Service:
800-554-4053 (toll free) | +1-770-942-9876 (outside USA)

Scan to register & download the full operation guide at **CarAlarm.com**!

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CarAlarm.com!

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Your System Model

(Installer, write system model above)

*Security-related functions only available on some models. Consult your installer to upgrade

Register today at **www.CarAlarm.com** to activate/learn about your warranty & download a complete operation guide.

FCC

This device complies with FCC Rules part 15. Operation is subject to the following two conditions:

1. This device may not cause harmful interference &,
2. This device must accept any interference that may be received, including interference that may cause undesired operation.
   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.

Documents / Resources

 EXCALIBUR 4 Button 1 Way Remote Start Systems [pdf] User Guide
4 Button 1 Way Remote Start Systems, 4 Button, 1 Way Remote Start Systems, Start Systems

References

- **[CarAlarm.com](#)**
- **[CarAlarm.com](#)**
- **[User Manual](#)**