

# EXCALIBUR

REMOTE START & SECURITY PERFECTED

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To Download your **complete operation guide** and learn more about system upgrades & other features!

### 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).  
- The siren/horn will briefly sound
- 2) Press the valet button 5 times within 5 seconds of step 1.  
- 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.
- 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.
- 4) Turn the ignition key "OFF".  
- NOTE: The system will exit at any time after 10 seconds of no activity.



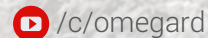
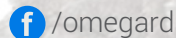
## 5-Button 2-Way LED Remote Start Systems

### QUICK START OPERATION GUIDE

### Problems? Questions?

### Contact Customer Service:

800-554-4053 (toll free) |  
+1-770-942-9876 (outside USA)



Your System Model:

(Installer, write system model above)



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

- (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.
- This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: Reorient or relocate the receiving antenna., Increase the separation between the equipment and receiver., Connect the equipment into an outlet on a circuit different from that to which the receiver is connected., Consult the dealer or an experienced radio/TV technician for help., Warning! Changes or modifications made to this equipment not expressly approved by the part responsible for compliance could void the use's authority to operate the equipment
- NOTE: 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.

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### QUICK START OPERATION GUIDE



### REPLACING YOUR REMOTE BATTERY

STEPS	REMOTE PART#	BATTERY (QTY)
1) Find the part # on the back of the remote to identify the battery type.	1511	CR2025 (2)
2) Remove the screw from the back of the remote.		
3) Gently pry the case halves apart to access & replace the batteries.	1412 & 1418	CR2032 (1)

### SECURITY\*, KEYLESS ENTRY, & CONVENIENCE FUNCTIONS













FUNCTION	BUTTON(S)	LED CONFIRMATION	NOTE
Lock & Arm		LED Flash + 1 Beep	Security enabled systems will flash the status LED.
Lock Only		LED Flash	Ideal for occupied vehicles, RV's, etc.
Unlock & Disarm		LED Flash + 2 Beeps	If only driver's door unlocks, press again to unlock all.
Silent Arm/Disarm	x 2	or  w/o beeps	System will toggle Arm/Disarm each time
Disable Sensor		1 Beep After Lock/Arm	Sensors are disabled until Lock/Arm
Trunk/Hatch Release	For 3 Sec.	LED Flash + 2 Beeps	By default, the system will also disarm/unlock
Panic	or  3 Sec.	Alarm Tone	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.

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

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To activate/view your warranty & Download a **complete operation guide.**

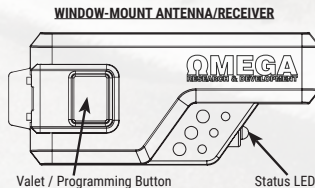
#### REMOTE START FUNCTIONS (ONLY AVAILABLE FOR SOME MODELS - OPTIONAL REMOTE STARTER MAY BE REQUIRED)

FUNCTION	BUTTON(S)	LED CONFIRMATION	NOTE
Engine Start/Stop	 x 2	 Flash + Melody	Remote LED's will flash to indicate remaining run time. 4 = 76-100%, 3 = 51-75%, 2 = 26-50%, 1 = 1-15%. The controller will beep when only 1 minute is remaining as an expiration warning.
Run Time Extender		All 4 LED's will flash	All 4 LED's will flash to indicate restarting of the run timer (only allowed once per remote start cycle).
Low Battery & Low/Hi Temp Auto-Start	 ,  , 	1 Beep	Auto-start will activate a max of once per 2 hours and cancels when the ignition key is turned ON. See your installer or the full manual for threshold settings.
Cabin Temperature	 	1-4 LEDs Flash + Melody	4 = Over 90F, 3 = 61-90F, 2 = 31-60F, 1 = Under 30F.
Remote Valet	 ,  ,  + 	Melody	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.
FUNCTION	VALET BUTTON	NOTE	
Pit Stop Mode	Press 2x w/ Engine On For More Than 10 Sec. (6x for XL mode)	This will leave the engine running for the programmed run time (XL mode runs for 12 hours) so you can take your keys with you to run errands.	

























#### 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 by key (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 (LED 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.







#### OTHER 2-WAY CONTROLLER FUNCTIONS

FUNCTION	BUTTON(S)	LED CONFIRMATION	NOTE
Status Update	 , 	 or  Flash	This confirms the current Lock/Unlock status of the system/vehicle.
CAR 2 Mode*	 , 	 Flash + 2 Beeps	To control a 2nd vehicle. Repeat to return to CAR 1 mode (  + 1 Beep).
Low Car Battery Alert	-	4 Beeps	Alerts when battery level is below 11.5v for over 30 seconds.
Out Of Range	-	All LED's Flash	When command response is not received
	 , 	 +  Flash	CH3/AUX1 - Write Function In Function Column
	 x 2 , 	 +  Flash	CH4/AUX2 - Write Function In Function Column
	 x 3 , 	 +  Flash	CH5/AUX3 - Write Function In Function Column
	 + 	 +  Flash	AUX4 - Write Function In Function Column

**\*TIP:** If your system stops responding to your remote, make sure your aren't accidentally in the wrong "Car" profile.

#### 2-WAY OPTIONS

FEATURE	PROCEDURE
Beep Volume	Hold  +  for 1 second.
Button Lock	Hold  +  for 1 second.



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**TROUBLE SHOOTING TIP:** If remote start won't activate, the system may be in valet mode (Status LED ON). Press the valet button once to exit.