



1-Button 2-Way LED Remote Start Systems

QUICK START OPERATION GUIDE

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PROGRAMMING REMOTES TO THE SYSTEM (UP TO 4)

BEFORE YOU BEGIN: Have all remotes for the system at hand.

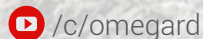
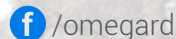
- Turn the ignition key "ON" (do not start).
 - The siren/horn will briefly sound
- Press & release the "lock" button on each transmitter one after the other.
 - 1-button models, press the "start" button.
 - The siren/horn will chirp once for each transmitter.
 - NOTE: When the first remote is learned all previous remotes are erased.
- Turn the ignition key "OFF".
 - NOTE: The system will exit at any time after 10 seconds of no activity.



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:

- 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 user'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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REPLACING YOUR REMOTE BATTERY		
STEPS	REMOTE PART#	BATTERY (QTY)
1) Find the part # on the back of the remote to identify the battery type.	1110	CR2025 (2)
2) Remove the screw from the back of the remote.		
3) Gently pry the case halves apart to access & replace the batteries.	1111	CR2032 (1)

SECURITY, KEYLESS ENTRY, & CONVENIENCE FUNCTIONS			
FUNCTION	BUTTON(S)	LED CONFIRMATION	NOTE
Lock & Arm*	For 1 Sec.	LED Flash + 1 Beep	Security enabled systems will flash the status LED. Repeat to Unlock/Disarm*
Unlock & Disarm*	For 1 Sec.	LED Flash + 2 Beeps	Repeat to Lock/Arm*
Engine Start/Stop	x 2	LED Flash + Melody Engine Runtime Flashes: 4x = 76-100% remaining 3x = 51-75% remaining 2x = 26-50% remaining 1x = 1-25% remaining	Activation is programmable (contact installer). Key Take Over: Turn ignition key 'ON' (not start), press brake pedal.
Run Time Extender		LED runtime flashes will start over	The system will restart the internal run timer.

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

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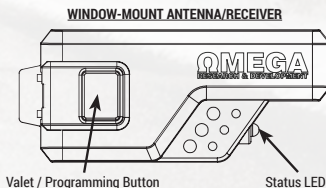
REMOTE START FUNCTIONS

FUNCTION	VALET BUTTON	NOTE
Pit Stop Mode	Press 2x after Engine Running For More Than 10 Seconds (Press 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.
Low Battery & Low/Hi Temp Auto-Start	Ignition Key ON, OFF, Press 2x	Auto-start will activate a max of once per 2 hours. See your installer or the full manual for threshold settings.
Valet Mode	Unlock, Hold For 3 Sec.	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. <i>TIP: You can also enter valet mode by holding the valet button for 3 seconds!</i>

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 (for 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
Low Car Battery Alert	-	4 Beeps	Alerts when battery level is below 11.5v for over 30 seconds.
Out Of Range	-	4 LED Flashes	When command response is not received

2-WAY CONTROLLER OPTIONS

FEATURE	PROCEDURE	
Beep Volume	Hold  for 7 seconds.	Controller will scroll through: Melody > Soft Melody > Silent



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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.