

EXCALIBUR 20190607 1 Button 2 Way LED Remote Start Systems



EXCALIBUR 20190607 1 Button 2 Way LED Remote Start Systems User Guide

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EXCALIBUR 20190607 1 Button 2 Way LED Remote Start Systems



Product Specifications

- **Product Name:** 1-Button 2-Way LED Remote Start Systems
- **Manufacturer:** Omega Research & Development Technologies, Inc.
- **Model Number:** QOM_1BUTLED2WAY
- **Remote Battery Types:**
 - 1110 – CR2025 (2 batteries)
 - 1111 – CR2032 (1 battery)

Product Usage Instructions

Programming Remotes to the System

1. Ensure all remotes for the system are available.
2. Turn the ignition key ON without starting the engine.
3. Press the valet button 5 times within 5 seconds of step 2. The siren/horn will briefly sound.
4. Press and release the lock button on each transmitter one after the other. For 1-button models, press the start button. The siren/horn will chirp once for each transmitter. Note: Learning a new remote will erase all previous remotes.
5. Turn the ignition key OFF to exit programming mode. The system will exit after 10 seconds of inactivity.

Remote Start Functions

- **Pit Stop Mode:** Press the Valet Button 2x after the Engine Running For More Than 10 Seconds (Press 6x for XL mode).
- **Low Battery & Low/Hi Temp Auto-Start:** Ignition Key ON, OFF, Press Valet Button 2x.

FAQ

- **Q:** How often can the auto-start function activate?
- **A:** Auto-start will activate a maximum of once every 2 hours. Refer to your installer or the full manual for threshold settings.

PROGRAMMING REMOTES TO THE SYSTEM

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 siren/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.
4. Turn the ignition key "OFF".

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



FCC STATEMENT

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, according 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 under 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 the receiver., Connect the equipment to 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 party 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.

OPERATION

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. | 1110 | CR2025 (2) |
| 2) Remove the screw from the back of the remote. | 1111 | CR2032 (1) |
| 3) Gently pry the case halves apart to access & replace the batteries. | | |

| SECURITY, KEYLESS ENTRY, & CONVENIENCE FUNCTIONS | | | |
|--|---|--|---|
| FUNCTION | BUTTON(S) | LED CONFIRMATION | NOTE |
| Lock & Arm* |  START For 1 Sec. | LED Flash + 1 Beep | Security-enabled systems will flash the status LED. Repeat to Unlock/Disarm* |
| Unlock & Disarm* |  START For 1 Sec. | LED Flash + 2 Beeps | Repeat to Lock/Arm* |
| Engine Start/Stop |  START 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). <u>Key Take Over</u> : Turn the ignition key 'ON' (not start), and press the brake pedal. |
| Run Time Extender |  START | LED runtime flashes will start over | The system will restart the internal runtime. |
| 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 are only available on some models. Consult your installer to upgrade.

Register today at www.CarAlarm.com To activate/view your warranty & Download a complete operation guide.

REMOTE START FUNCTIONS

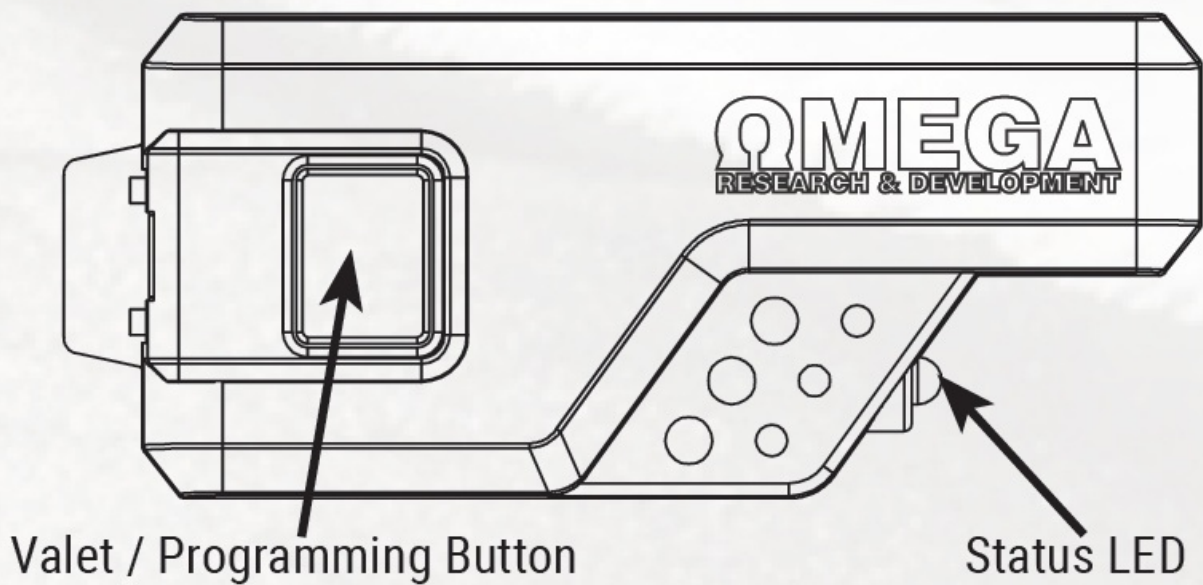
| FUNCTION | VALET BUTTON | NOTE |
|---------------------------------------|---|--|
| Pit Stop Mode | Press 2x after the Engine Running For More Than 10 Seconds (Press 6x for XL mode) | This will leave the engine running for the programmed run time (XL mode runs for 12 hours) so you can take your keys 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 the remote start and the security system. The status LED will turn on. Repeat this process or press the 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 remotely 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.

WINDOW-MOUNT ANTENNA/RECEIVER



| OTHER 2-WAY CONTROLLER FUNCTIONS | | | |
|-------------------------------------|-----------|---|--|
| FUN CTIO N | BUTTON(S) | LED CONFI RMATI ON | NOTE |
| Low Car Batte ry Al ert | – | 4 Beeps | Alerts when bat tery level is bel ow 11.5v for ov er 30 seconds. |
| Out Of R ange | – | 4 LED F lashes | When a comma nd response is not received |
| 2-WAY CONTROLLER OPTIONS | | | |
| FEATURE | | PROCEDURE | |
| Beep Volume | |  Hold START for 7 seconds. | The controller will scroll through Melody > Soft Melody > Silent |
| | | | |

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




CONTACT



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



Documents / Resources

| | |
|---|--|
|  | EXCALIBUR 20190607 1 Button 2 Way LED Remote Start Systems [pdf] User Guide 20190607 1 Button 2 Way LED Remote Start Systems, 20190607, 1 Button 2 Way LED Remote Start Systems, 2 Way LED Remote Start Systems, LED Remote Start Systems, Remote Start Systems, Start Systems, Systems |
|---|--|

References

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

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