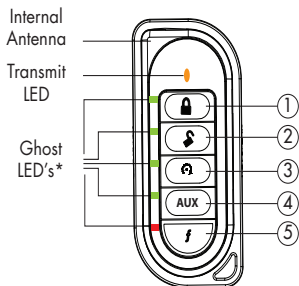





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Responder LE 2-Way & 1-Way



Feature	Description
Internal Antenna	Used for transmitting and receiving* information
Transmit LED	Transmit LED flashes once when transmitting and receiving* information.
Ghost LEDs (Term denotes that these LEDs are only visible when On.)*	Each button has an associated LED next to it that are active during related operations. These LEDs are labeled respectively as: Lock LED, Unlock LED, Remote Start LED, Aux LED, and f LED
① 	Press for one second to lock.
② 	Press for one second to unlock.
③ 	Press for one second to activate remote start.
④ AUX	Press and hold for 5 seconds to activate optional trunk release or other optional accessory.
⑤ f	Allows access to programming and modifies operation of the other buttons.

* Ghost LEDs and 2-way communications are only applicable to the Responder LE 2-way remote control.

Advanced Remote Control Commands



Refer to the Quick Reference Guide for more information on advanced remote start commands that are specific to each vehicle.

Fault Condition Alerts

If, when performing a command, a condition exists that does not allow activation of a Remote Start feature*, the **f** LED and a fault tone plays to alert of the fault condition**.

- * Remote Start feature not available when the Remote Start status is incorrect upon receiving the command. (Example: Runtime reset command received when remote start is off).
Refer to the notes included in the command descriptions that address these faults or go to *Remote Start Faults* under the *Remote Start Features* section for more details.
- ** Confirmation **f** LED and tone are only applicable to the Responder LE 2-way remote control.

Basic Commands

Remote Start

Press and release 

Activates (or if On, deactivates) the remote starter. The engine and parking lights turn On and the Remote start LED and On tones play¹, or the engine and parking lights turn Off and the Remote start LED and Off tones play to confirm¹. The runtime on the remote starter is predetermined based on vehicle application. The remote starter will shut down when the preset runtime times out or when any shutdown zone becomes active.

Note Refer to the Quick Reference Guide for more information.

Lock

Press and release 

The doors lock (if connected) and parking lights flash once. The Lock LED and beeps play to confirm¹.

Unlock

Press and release 

The doors unlock (if connected) and parking lights flash twice. The Unlock LED and beeps play to confirm¹.

AUX/Trunk

Press and hold **AUX**

The Trunk opens (if connected) when this button is pressed for 5 seconds. The Aux LED and tones play to confirm¹.

¹ Confirmation LEDs, beeps and tones are only applicable to the Responder LE 2-way remote control.

Advanced Commands



Refer to the Quick Reference Guide for more information on advanced commands that are specific to each vehicle.

Runtime Reset

Press the **f** button 1 time and then

Re-starts the remote start runtime counter if remote start is active.



Remote Control Configuration

Remote Programming

The Responder LE 2-way and 1-way remote control have operations that can be configured to a user's personal preferences. The following instructions will direct you through the available programming options.

Remote Pairing


The following instructions will step you through the remote pairing operation.

1. **Press and hold** the **f** button for 8 seconds, the remote emits one long beep and the transmit LED turns on.
2. **Press and hold** the  button for 1 second, 3 transmit LED flashes and 3 beeps indicate remote is ready to pair.
3. **Press and release** 1 time the Integrated Programming Button (IPB) on the XL202.
4. Within 5 seconds, **press and hold** the IPB. The status LED will flash one time to confirm the system is ready for remote pairing.
5. **Press** the  button,
 - Responder LE: the remote will emit several tones to confirm pairing is complete. If the remote does not emit the tones repeat step 5.
 - 1-way remote control: there is no confirmation for this remote control.
6. **Release** the IPB. Remote programming will exit by itself after 30 seconds and the transmit LED will turn off.

Note

Consult the installation center for the location of the XL202 or refer to dealer for programming.



Remote Features

1. **Press** and **hold** the **f** button for 8 seconds, the remote emits one long beep and the transmit LED turns on.
2. **Press** the  button to access the remote operation features, 2 transmit LED flashes and 2 beeps indicate the remote features menu is accessed. **Press** the buttons indicated in the tables below to set the feature option.

Responder LE 2-way remote control

The Ghost LEDs next to the button indicate the feature settings.

1-way remote control: The 1-way remote will flash the transmit LED to indicate the setting.


Feature	Button Press	LED on	LED off	LED Flash
Keypad Lock		Auto	Off	
Remote Beeps*		Beeps On	Beeps Off	Triggers only

* This feature is not available on 1-way remote control.

3. Remote programming will exit by itself after 30 seconds and the transmit LED will turn off.

Keypad Lock

Options: Off, Auto

When Off, the buttons do not lock and always perform a command when pressed. When set to Auto, the remote buttons lock after a 20 second lapse between buttons presses to prevent unintentional operations. If a button is pressed when locked the **f** LED and a fault tone play as an alert*. To unlock the buttons, press the **f** button followed by the  button. The Ghost LEDs flash and tones play to confirm unlocking.*

- * LED will flash on triggers on the Responder LE 2-way remote control only.

Remote Beeps*

Options: On, Off, Triggers Only (not available)

The Responder LE will emit a beep as confirmation of button presses and command responses. When set to Off, beeps are not emitted for any operations except programming.

- * This feature is not available on 1-way remote control.

Remote Start Features



Refer to the Quick Reference Guide for more information on remote start features that are specific to each vehicle.

Disabling Remote Start

Remote start can be disabled by moving the Toggle Switch to the Off position. If remote start is attempted while Off, the engine will not start. Move the switch back to the On position to resume normal operation.

Note

Consult the installation center for the location of Toggle switch.

Remote and System Operations

These Remote and System Operations are only applicable to Responder LE 2-way remote control.

Out of Range

Each time a command is performed the Responder LE will expect a command confirmation from the system. If a command confirmation is not received the **f** and transmit LEDs flash and a long fault tone plays as an alert.

No Remote Output

Occasionally when a command is performed the remote may not generate a command confirmation output or Out of Range output. This indicates that the system received the command but it was an incomplete command (e.g. Aux button pressed too short to activate the trunk release) or it was an illegal message (e.g. the command was corrupted due to local RF interference). These are temporary normal functions of the system and remote, perform the command again within 10 seconds to return to normal operation.

Battery Information

The Responder LE remote is powered by 2 batteries (PN CR-2016) and the 1-way companion remote by 1 battery (PN CR-2032) that can be purchased at most retailers. When the battery begins to weaken, the operating range will be reduced. The information and precautions in this section can help maximize your battery's life and usage in providing your Responder LE 2-way and 1-way remote controls with many years of trouble free operation.

Low Battery

After a command is performed the Responder LE 2-way and 1-way remote control check their battery level and, when the level requires attention, will begin generating alerts. Once the alerts begin, the remote controls will remain operational for several days but the battery/batteries should be replaced at the earliest opportunity or failure to control the system may occur.

Low Battery Alerts

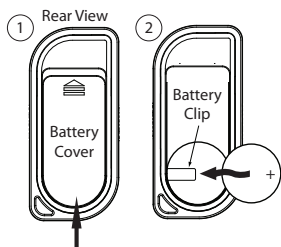
After performing a command, several beeps play on the Responder LE 2-way remote control to indicate the battery/batteries need replacing.

Battery Life

The Responder LE remote control has many features that make it one of the most unique remote controls on the market today. The default feature settings provide for excellent battery life. However, to maximize this battery life, the following suggestion will help:

Turn Beeps off: The Button beeps can be turned off in the Setup Remote menu. The command beeps still play normally.

Battery Replacement Responder LE 2-Way



1. Slide the battery cover up by applying equal pressure at its top and bottom (the arrow on the cover indicates the direction), remove the cover from the remote control housing.

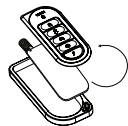
2. Gently pry up on the battery to remove it from the holder. Insert a new battery into the holder and under the clip

with the positive (+) side up. Replace the battery cover. The remote control is now ready for use.

Battery Replacement Responder LE 1-Way



1. Using a small slotted screwdriver, insert into slot located as shown and carefully pry the front of the unit open until front is completely separated from housing.



2. Turn both the unit front and circuit board over, remove battery from clip and replace.



Note Verify that the battery polarity is correct when replacing.

3. Reposition all parts and snap together.

Battery Disposal



Directed Electronics cares about the environment. If you need to dispose of the battery, please do so in accordance with your municipal requirements for battery disposal.

Government Regulations

This device complies with Part 15 of 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 undesirable 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 and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, 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, 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.

Remote Controls

To satisfy FCC RF exposure compliance requirements, this device should be used in hand-held, hand operated configurations only. The device and its antenna must maintain a separation distance of 20 cm or more from the person's body, except for the hand and wrists, to satisfy RF exposure compliance. This device is designed to be used in a person's hands and its operating configurations do not support normal transmissions while it is carried in pockets or holsters next to a person's body.

Control Center

To satisfy FCC RF exposure compliance requirements, the device and its antenna must maintain a separation distance of 20 cm or more from the person's body, except for the hand and wrists, to satisfy RF exposure compliance.

This device complies with the Industry Canada Radio Standards Specification RSS 210. Its use is authorized only on a no-interference, no-protection basis; in other words, this device must not be used if it is determined that it causes harmful interference to services

authorized by IC. In addition, the user of this device must accept any radio interference that may be received, even if this interference could affect the operation of the device.



Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this device.

Warning! Safety First



Please read the safety warnings below before proceeding. Improper use of the product may be dangerous or illegal.

Installation

Due to the complexity of this system, installation of this product must only be performed by an authorized Directed dealer. If you have any questions, ask your retailer or contact Directed directly at 1-800-753-0600.

Remote Start Capable

When properly installed, this system can start the vehicle via a command signal from the remote control transmitter. Therefore, never operate the system in an enclosed area or partially enclosed area without ventilation (such as a garage). When parking in an enclosed or partially enclosed area or when having the vehicle serviced, the remote start system must be disabled using the installed menu wheel. It is the user's sole responsibility to properly handle and keep out of reach from children all remote control transmitters to assure that the system does not unintentionally remote start the vehicle. THE USER MUST INSTALL A CARBON MONOXIDE DETECTOR IN OR ABOUT THE LIVING AREA ADJACENT TO THE VEHICLE. ALL DOORS LEADING FROM ADJACENT LIVING AREAS TO THE ENCLOSED OR PARTIALLY ENCLOSED VEHICLE STORAGE AREA MUST AT ALL TIMES REMAIN CLOSED. These precautions are the sole responsibility of the user.

Interference

All radio devices are subject to interference which could affect proper performance.

Upgrades

Any upgrades to this product must be performed by an authorized Directed dealer. Do not attempt to perform any unauthorized modifications to this product.

Water/Heat Resistance

This product is not designed to be water and/or heat-resistant. Please take care to keep this product dry and away from heat sources. Any damage from water or heat will void the warranty.

Limited Lifetime Consumer Warranty

Directed Electronics. ("Directed") promises to the original purchaser to repair or replace (at Directed's election) with a comparable reconditioned model any Directed unit (hereafter the "unit"), excluding without limitation the siren, the remote transmitters, the associated sensors and accessories, which proves to be defective in workmanship or material under reasonable use during the lifetime of the vehicle provided the following conditions are met: the unit was purchased from an authorized Directed dealer, the unit was professionally installed and serviced by an authorized Directed dealer; the unit will be professionally reinstalled in the vehicle in which it was originally installed by an authorized Directed dealer; and the unit is returned to Directed, shipping prepaid with a legible copy of the bill of sale or other dated proof of purchase bearing the following information: consumer's name, telephone number and address; the authorized dealers name, telephone number and address; complete product description, including accessories; the year, make and model of the vehicle; vehicle license number and vehicle identification number. All components other than the unit, including without limitation the siren, the remote transmitters and the associated sensors and accessories, carry a one-year warranty from the date of purchase of the same. ALL PRODUCTS RECEIVED BY DIRECTED FOR WARRANTY REPAIR WITHOUT PROOF OF PURCHASE FROM AN AUTHORIZED DEALER WILL BE DENIED. This warranty is non-transferable and is automatically void if: the unit's date code or serial number is defaced, missing or altered; the unit has been modified or used in a manner contrary to its intended purpose; the unit has been damaged by accident, unreasonable use, neglect, improper service, installation or other causes not arising out of defects in materials or construction. The warranty does not cover damage to the unit caused by installation or removal of the unit. Directed, in its sole discretion, will determine what constitutes excessive damage and may refuse the return of any unit with excessive damage.

TO THE MAXIMUM EXTENT ALLOWED BY LAW, ALL WARRANTIES, INCLUDING BUT NOT LIMITED TO EXPRESS WARRANTY, IMPLIED WARRANTY, WARRANTY OF MERCHANTABILITY, FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF NON-INFRINGEMENT OF INTELLECTUAL PROPERTY, ARE EXPRESSLY EXCLUDED; AND DIRECTED NEITHER ASSUMES NOR AUTHORIZES ANY PERSON OR ENTITY TO ASSUME FOR IT ANY DUTY, OBLIGATION OR LIABILITY IN CONNECTION WITH ITS PRODUCTS. DIRECTED DISCLAIMS AND HAS ABSOLUTELY NO LIABILITY FOR ANY AND ALL ACTS OF THIRD PARTIES INCLUDING ITS AUTHORIZED DEALERS OR INSTALLERS. DIRECTED SECURITY SYSTEMS, INCLUDING THIS UNIT, ARE DETERRENENTS AGAINST POSSIBLE THEFT. DIRECTED IS NOT OFFERING A GUARANTEE OR INSURANCE AGAINST VANDALISM, DAMAGE OR THEFT OF THE AUTOMOBILE, ITS PARTS OR CONTENTS; AND HEREBY EXPRESSLY DISCLAIMS ANY LIABILITY WHATSOEVER, INCLUDING WITHOUT LIMITATION, LIABILITY FOR THEFT, DAMAGE AND/OR VANDALISM. THIS WARRANTY DOES NOT COVER LABOR

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Some states do not allow limitations on how long an implied warranty will last or the exclusion or limitation of incidental or consequential damages. This warranty gives you specific legal rights and you may also have other rights that vary from State to State.

This warranty is only valid for sale of product(s) within the United States of America and in Canada. Product(s) sold outside of the United States of America or Canada are sold "AS-IS" and shall have NO WARRANTY, express or implied.

For further details relating to warranty information of Directed products, please visit the support section of Directed's website at: www.directed.com.

This product may be covered by a Guaranteed Protection Plan ("GPP"). See your authorized Directed dealer for details of the plan or call Directed Customer Service at 1-800-876-0800.

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Additional information can be found at:

www.xpresskit.com
www.directechs.com

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