

## Congratulations

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Congratulations on the purchase of your state-of-the-art keyless entry and remote start system. Reading this Owner's Guide prior to using your system will help maximize the use of your system and its many features. For more information please visit us online at:

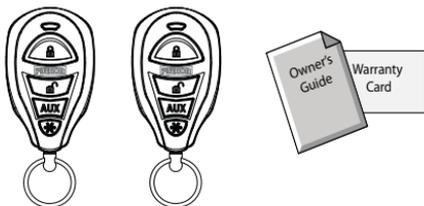
[www.pythoncarsecurity.com](http://www.pythoncarsecurity.com).

For any additional questions please contact your authorized Directed dealer or Directed at 1-800-753-0600. Additional support is also available at: <http://support.directed.com>

## What's included

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- Two 4- button 1-way remote controls (P/N 7142P)
- Your warranty registration card
- This owner's guide



## Guide translations

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For a Spanish or French version of the Owner's Guide, please download it from [www.directechs.com](http://www.directechs.com) under Resources.

### **Estimado Cliente:**

Si buscas los guías de propietario, por favor de bajar lo del Resources en el sitio [www.directechs.com](http://www.directechs.com)

### **Cher consommateur:**

Si vous désirez une version française ou espagnole du guide d'utilisation, veuillez s.v.p. le télécharger à l'adresse suivante: [www.directechs.com](http://www.directechs.com) en appuyant sur l'icône <<Resources>>.

# Important information

## Government regulations and safety information



Read the *Government Regulations* and *Warning! Safety First* sections of this manual prior to operating this system.

**Warning!** Failure to heed this information can result in death, personal injury or property damage and may also result in the illegal use of the system beyond its intended purpose.

### Your warranty

Your system comes with a warranty. Please make sure you receive the warranty registration card and proof of purchase from your dealer indicating the product was installed by an authorized Directed dealer. Your product warranty must be validated. You can validate online at: [www.prodregister.com/directed](http://www.prodregister.com/directed) and click on Security, or complete and return the warranty registration card.

### System maintenance

The system requires no specific maintenance. Your remote is powered by a coin cell battery (3V CR2032) that lasts approximately one year under normal use. When the battery begins to weaken operating range is reduced and the LED on the remote dims.

### Replacement remote controls

If additional remote controls are desired, please see your authorized dealer or visit us at [www.directedstore.com](http://www.directedstore.com) to order. Your 1-way replacement part number is 7142P.

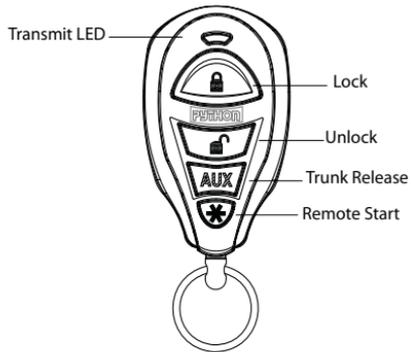
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# Remote control information

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## Basic commands

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### Lock

Press  for 1 second.

When held for more than 1.5 seconds, Panic is activated.

For Panic to work, the optional horn honk feature must be connected. Press  button to turn Panic off.

### Unlock

Press  for 1 second.

### Remote start

Press  for 1 second to activate remote start.

## AUX/Trunk\*

Press for 1.5 seconds to open trunk\*.

Silent Mode activated by pressing **AUX** for less than 1 second, before locking or unlocking.

## Carfinder

Press **\*** and **AUX** to activate car finder. The parking lights flash 5 times slowly.

## Rear defogger\*

Press  and **\*** and **AUX** to activate the rear window defogger during remote starting.

## Timer mode

Press  and  to activate timer mode. The vehicle will automatically start every three hours for a maximum of 6 starts. The engine runs for pre-programmed runtime of 12 minutes.

\*This is an optional feature. See your authorized Directed dealer for details.

# Using Your System

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## Locking

Press  for one second to lock the system (if the door locks are connected). The horn honks (if connected) and the parking lights flash once to confirm locking of the system. The optional Failsafe® Starter Kill also activates and prevents the vehicle's starter from cranking.

## Unlocking

Press  for one second unlocks the doors (if connected). The horn honks twice (if connected) and the parking lights flash twice to confirm unlocking of the system. The optional Failsafe Starter Kill is deactivated.

## Disabling (optional) starter kill

If your remote control is lost or damaged, you can manually override the starter kill. To do this, you must have the vehicle's ignition key and know where the Valet button is located. Be sure to check with the installer for the location of the Valet button.

To override the starter kill, turn the ignition on and press and release the Valet button within 10 seconds. The vehicle should start. If it does not start, you may have waited too long; turn the ignition off and repeat the process.

Location of Valet button: \_\_\_\_\_

## Panic mode

If you are threatened in or near your vehicle, you can attract attention by triggering the system with your remote control. Press  for 1.5 seconds to enter Panic Mode. In Panic Mode, the horn will honk and the parking lights will flash for 30 seconds. To stop Panic Mode at any time, press , or  on the remote control.

**Note:** In order for Panic Mode to be effective, the vehicle's horn (or optional siren) and the vehicle's parking lights must be connected.

## Remote start

This feature allows you to remotely start and run your vehicle for a programmable period of time. This makes it possible to warm up the engine, as well as adjust the interior temperature of the vehicle with the climate control system. If interior heating or cooling is desired, the climate controls must be preset, and the fan blower must be set to the desired level prior to remote starting the vehicle.

**Important!** Never remotely start the vehicle with the vehicle in gear, and never remotely start the vehicle with the key in the ignition.

### To remote start the vehicle:

- Press the  button on the remote control 1 time and hold for 1 second. The system can be programmed to activate with 1- 3 presses.
- The parking lights flash to confirm the vehicle is attempting to start. (In gasoline vehicles, the engine will start 4 seconds after the parking lights flash. In diesel vehicles, the engine will start when the WAIT-TO-START timer has expired.)
- Once the vehicle has started, it will run for the pre-programmed period of time (12, 24, or 60 minutes) or until a shutdown input is triggered.

## When you are ready to drive the vehicle:

1. Insert the ignition key and turn it to the ON (not the START) position.
2. Press the brake pedal. The remote start system shuts down and the motor continues to run because the ignition has been turned on.

**Note:** If the brake pedal is pressed before the key is in the ON position, the engine will shut down.

While the vehicle is running during remote start operation, the system monitors the vehicle and automatically shuts down the engine if it receives any of the following shut-down inputs:

- The brake pedal is pressed.
- The hood is opened.
- The shutdown toggle switch is put into the OFF position.
- The pre-programmed run time (12, 24, or 60 minutes) has elapsed.
- Remote control button  is pressed.

## Rear defogger

### To turn the rear defogger On:

1. Simultaneously press & release the  +  + **AUX** buttons on the remote control.
2. The lights flash 3 times.
3. The rear defogger activates when the vehicle is remote started.

**Note:** If the remote start is On the lights turn Off then flash 3-times before returning to normal, and the defogger activates as programmed.

### To turn the rear defogger Off:

1. Simultaneously press & release the  +  + **AUX** buttons on the remote control.
2. The lights flash 2 times.
3. The rear defogger does not activate when the vehicle is remote started.

**Note:** If the remote start is On, the parking lights turn Off then flash 2 times before returning to normal. The defogger, if active, stops.

### Valet take-over

The Valet Take-Over feature allows the vehicle to remain running after the key has been removed from the ignition. This feature is useful for occasions when you wish to exit and lock the vehicle for short periods of time, but would like to leave the motor running and the climate controls on.

### To perform Valet Take-Over:

1. Before turning off the engine, press and release  on the remote control for 1 second.
2. Turn the ignition key to the OFF position. (The engine will stay running.)
3. The vehicle will run for the pre-programmed period of time (12, 24, or 60 minutes) or until a shutdown input is triggered.

## Car finder

Car finder allows you to locate your vehicle, by having the system flash the parking lights on your vehicle..

### To activate:

1. Press and release the **\*** and **AUX** buttons at the same time.
2. The lights flash 5 times slowly allowing you to locate your vehicle.

## Timer mode

When you activate timer mode the system automatically starts the vehicle every three hours for a maximum of 6 starts. The pre-programmed engine runtime is 12 minutes.

- Press  and  to activate timer mode. The parking lights flash four times, and after a 1 second delay, the engine starts.
- To shutdown the engine, press the remote start button **\***. The system remains in timer mode and will continue to start every 3 hours unless cancelled by turning on the ignition or by activating the brake, or neutral safety shutdown wires.
- The parking lights flash 4 times indicating timer mode is exited.

**Important!** Timer Mode should be used only in open areas. Never start and run the vehicle in an enclosed space such as a garage or carport.

## **Starter anti-grind circuitry**

Whenever the vehicle is remote started, advanced anti-grind circuitry prevents the starter from engaging, even if the key is turned to the start position. This prevents damage to the starter motor if the key is turned to the start position during remote start operation.

**Note:** Anti-grind circuitry only works when the remote start system is operating the motor and the optional relay is installed.

## **Disabling the remote start system**

This feature allows your system's remote start unit to be temporarily disabled to prevent the vehicle from being remote started accidentally. This feature is useful if the vehicle is being serviced or stored in an enclosed area. To disable the remote start, move the shutdown toggle switch to the OFF position. The switch can be installed in a location of your choice. Check with your installer for recommended locations.

Location Of Shutdown Switch\_\_\_\_\_

## Ignition controlled door locks

If power door locks have been connected to your system, the vehicle's doors will lock three seconds after the ignition has been turned On and unlock when the ignition is turned Off.

**Important:** The ignition controlled door lock feature must be programmed On.

If the ignition is turned on when the vehicle is remote started the doors will not lock until the remote start shuts off. To avoid being locked out of the vehicle, do not turn the ignition on until you are ready to drive the vehicle.

## Rapid resume logic

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This Directed Electronics system can store its current state to non-volatile memory. If power is lost and then reconnected the system will recall the stored state from memory. This means if the unit is in Locked Mode and the battery is disconnected for any reason, such as servicing the car, when the battery is reconnected the unit will still be in Locked Mode. This applies to all states of the system.

## Owner recognition

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Owner Recognition is a revolutionary feature available only from Directed. Using a Directed Bitwriter® hand-held programming tool, your dealer can program different settings for each transmitter that is used with the system. Then, when a specific transmitter is used, the settings assigned to that transmitter are recalled. Owner Recognition lets up to four users have different settings to meet their specific needs. It is almost like having four separate systems in your vehicle, one for each user.

**Note:** Owner Recognition cannot be programmed without a Bitwriter® and the necessary software. Check with your dealer for more information.

When using Owner Recognition, only the following features are available.

- Horn function
- Ignition locking and unlocking
- Activation pulses for remote start

# Programming options

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Programming options control your system's normal operational set-up. Most options do not require additional parts, but some may require installation labor.

The following is a list of the programmable options, with the factory settings in **bold**.

- **12, 24, or 60** minute run time. Your system can be programmed to allow the vehicle to run for 12, 24, or 60 minutes when remote started. Can be set up to minute increments by your installer.
- Parking lights flashing or **constant**. Your system can be programmed to flash or turn on the parking lights constantly during the entire remote start operation.
- Ignition switch controlled door locking on or **OFF**. With this feature on, the doors will lock 3 seconds after the ignition key is turned on, and unlock when the key is turned off.

**Important:** The door lock option must be installed for this feature to work.

## Glossary of terms

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**Control Unit:** The “brain” of your system. Usually hidden underneath the dash area of the vehicle. It houses the microprocessor which monitors your vehicle and controls all system functions.

**Failsafe® Starter Kill:** An optional automatic switch controlled by your system which prevents the vehicle’s starter from cranking whenever the system is locked. The vehicle is never prevented from cranking when the system is unlocked or if the starter kill switch fails. Your system has feature-ready circuitry for the starter kill, however installation may require additional labor and parts.

**LED:** indicator on your remote control when a button is pressed.

**Remote control:** A hand-held device which operates the various functions of your system.

**Valet Button:** A small push button mounted at a discretionary location inside the vehicle. It is used to override the Failsafe® Starter Kill when a remote control is lost or damaged.

## Convenience expansions

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Listed below are expansion options available for use with your system. Some options may require additional parts and/or labor. Please consult your dealer for a complete list of available options for this system.

**Power Door Lock Control:** Your system is capable of controlling many types of power door lock systems; however, some door lock systems may require extra parts. Consult with your dealer to determine which type of locks your vehicle uses. The system can be programmed to lock the doors when the ignition is turned on and to unlock them when the ignition is turned off.

**Power Trunk Release:** The system's auxiliary output can be programmed to operate a factory power release for the vehicle's trunk or hatch. If the factory release is not power-activated, Directed Electronics 522T trunk-release solenoid can often be added.

**Power Window Control:** Power window control is provided with Directed Electronics 529T or 530T systems. The 529T system will roll up two windows automatically when the system is locked, or roll two windows down by using the remote control. The 530T will roll two windows both up and down. The 530T also provides one touch switch operation.

# Patent information

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This product is covered by one or more of the following United States patents:

## Vehicle Security Patents

5,467,070; 5,532,670; 5,534,845; 5,563,576; 5,646,591;  
5,650,774; 5,673,017; 5,712,638; 5,872,519; 5,914,667;  
5,952,933; 5,945,936; 5,990,786; 6,028,505; 6,452,484

## Remote Start

5,349,931; 5,872,519; 5,914,667; 5,952,933; 5,945,936;  
5,990,786; 6,028,372; 6,467,448; 6,561,151; 7,191,053;  
7,483,783

## Other patents pending

## Government regulations

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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.

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.

### Warning:

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**

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

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.

When properly installed, this system can start the vehicle via a command signal from the remote control. 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 toggle switch. It is the user's sole responsibility to properly handle and keep out of reach from children all remote control devices 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.

Use of this product in a manner contrary to its intended mode of operation may result in property damage, personal injury, or death. (1) Never remotely start the vehicle with the vehicle in gear, and (2) Never remotely start the vehicle with the keys in the ignition. The user must also have the neutral safety feature of the vehicle periodically checked, wherein the vehicle must not remotely start while the car is in gear. This testing should be performed by an authorized Directed dealer in accordance with the Safety Check outlined in the product installation guide. If the vehicle starts in gear, cease remote start operation immediately and consult with the authorized Directed dealer to fix the problem.

After the remote start module has been installed, contact your authorized dealer to have him or her test the remote start module by performing the Safety Check outlined in the product installation guide. If the vehicle starts when performing the Neutral Safety Shutdown Circuit test, the remote start unit has not been properly installed. The remote start module must be removed or the installer must properly reinstall the remote start system so that the vehicle does not start in gear. All installations must be performed by an authorized Directed dealer.

**OPERATION OF THE REMOTE START MODULE IF THE VEHICLE STARTS IN GEAR IS CONTRARY TO ITS INTENDED MODE OF OPERATION. OPERATING THE REMOTE START SYSTEM UNDER THESE CONDITIONS MAY RESULT IN PROPERTY DAMAGE OR PERSONAL INJURY. YOU MUST IMMEDIATELY CEASE THE USE OF THE UNIT AND SEEK THE ASSISTANCE OF AN AUTHORIZED Directed DEALER TO REPAIR OR DISCONNECT THE INSTALLED REMOTE START MODULE. DIRECTED WILL NOT BE HELD RESPONSIBLE OR PAY FOR INSTALLATION OR REINSTALLATION COSTS.**

## **Caution**

This product is designed for fuel injected, automatic transmission vehicles only. Use of this product in a standard transmission vehicle is dangerous and contrary to the product's intended use.

## **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

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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 COSTS FOR MAINTENANCE, REMOVAL OR REINSTALLATION OF THE UNIT OR ANY CONSEQUENTIAL DAMAGES OF ANY KIND. IN THE EVENT OF A CLAIM OR A DISPUTE INVOLVING DIRECTED OR ITS SUBSIDIARY,

THE VENUE SHALL BE SAN DIEGO COUNTY IN THE STATE OF CALIFORNIA. CALIFORNIA STATE LAWS AND APPLICABLE FEDERAL LAWS SHALL APPLY AND GOVERN THE DISPUTE. THE MAXIMUM RECOVERY UNDER ANY CLAIM AGAINST DIRECTED SHALL BE STRICTLY LIMITED TO THE AUTHORIZED DIRECTED DEALER'S PURCHASE PRICE OF THE UNIT. DIRECTED SHALL NOT BE RESPONSIBLE FOR ANY DAMAGES WHATSOEVER, INCLUDING BUT NOT LIMITED TO, ANY CONSEQUENTIAL DAMAGES, INCIDENTAL DAMAGES, DAMAGE TO VEHICLE, DAMAGES FOR THE LOSS OF TIME, LOSS OF EARNINGS, COMMERCIAL LOSS, LOSS OF ECONOMIC OPPORTUNITY AND THE LIKE. NOTWITHSTANDING THE ABOVE, THE MANUFACTURER DOES OFFER A LIMITED WARRANTY TO REPLACE OR REPAIR THE CONTROL MODULE SUBJECT TO THE CONDITIONS AS DESCRIBED HEREIN. THIS WARRANTY IS VOID IF THE UNIT HAS NOT BEEN PURCHASED FROM DIRECTED, OR AN AUTHORIZED DIRECTED DEALER, OR IF THE UNIT HAS BEEN DAMAGED BY ACCIDENT, UNREASONABLE USE, NEGLIGENCE, ACTS OF GOD, NEGLIGENCE, IMPROPER SERVICE, OR OTHER CAUSES NOT ARISING OUT OF DEFECT IN MATERIALS OR CONSTRUCTION.

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](http://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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