

DIRECTED.

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La compagnie à l'origine des Systèmes Autostart® est Directed Electronics.

Autostart a été l'un des premiers à concevoir et à fabriquer des démarreurs à distance pour véhicules. Au fil des ans, son engagement à la qualité et la fiabilité continu a permis à Autostart d'obtenir une réputation enviable en tant que concepteur de systèmes de démarrage à distance et de sécurité haut de gamme. Aujourd'hui, Autostart continue d'établir les normes de l'industrie.

Appelez au **(800) 876-0800** pour de l'information supplémentaire au sujet de nos produits et services.

The company behind Autostart® Systems is Directed Electronics.

Autostart was one of the first to design and build remote control vehicle starters. Over the years, a continuing commitment to quality and reliability has allowed Autostart to gain a respected reputation as a high-end designer of remote start and security systems. Today, Autostart continues to set standards in the industry.

Call **(800) 876-0800** for more information about our products and services.

AUTOSTART™



Systèmes de démarrage à distance et de sécurité
Remote Start & Security Systems

Redéfinition du contrôle absolu[®]
Redefining the Ultimate Control™



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Directed s'engage à offrir des produits et services de qualité de classe mondiale qui raviront les clients.

Directed Electronics is committed to delivering world class quality products and services that excite and delight our customers.

GUIDE DE
L'UTILISATEUR
OWNER'S GUIDE

MODÈLE/MODEL

AS-DSP210

AS-DSP110

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Congratulations

Congratulations on the purchase of your state-of-the-art Autostart Digital System. Reading this Owner's Guide prior to using your system will help maximize the use of your system and its many features. For any additional questions please contact your authorized Autostart dealer.

Note: Your system is configurable and may or may not include features such as remote start or security. This guide also covers optional features which may not be applicable to your system. Please speak with your dealer to find out which features are applicable.

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. The warranty terms are detailed at the end of this guide. Make sure that you receive the proof of purchase from your dealer, indicating the product was installed by an authorized Autostart dealer.

Replacement Remote Controls

Please see your authorized dealer. Remote control part numbers are typically found on the back of the device.

Introduction

1-button Remote Control

System State	Press/Release Button	Press/Hold for 3 sec.
Engine OFF	Start Engine	Car Finder
Engine ON	Unlock Doors	Stop Engine

Antenna



The Antenna, typically located on the upper part of the front wind-shield, sends and receives commands or messages to and from the system. It consists of:

- The Status LED, as a visual indicator of the system's status.
- Programming button, for accessing various feature, programming, and reporting functions of the system.

Using the System

Start Engine

When the engine is OFF, **press** and **release** the remote control button to start the engine. If the remote start fails to turn on, the vehicle parking lights will flash to indicate the cause. Refer to the following table for the likely cause.

Alert Conditions:

Parking Light Flashes*	Possible Cause	Solution
5	Brake ON	Release Foot Brake.
6	Hood Open	Close Hood.
7	After performing Remote Start command MTS not enabled.	Enabled MTS Mode.
9	Start Valet on	Turn Start Valet off

Unlock Doors

When the engine is running with Remote Start, **press** and **release** the remote control button. The doors Unlock, the parking lights flash and the horn sounds (if connected) as confirmation.

Stop Engine

When the engine is ON with Remote Start, **press** and **hold** the remote control button until the transmit LED flashes fast. The engine stops running and the parking lights turn OFF.

Car Finder

When the engine is OFF, **press** and **hold** the remote control button for three seconds. The horn sounds (if connected) once and the parking lights flash multiple times.

Valet Mode

Start Valet mode disables remote start features until turned off.

Use the following routine to manually turn on/off the Start Valet Mode:

1. **Turn** the ignition ON and then OFF.
2. **Press** and **hold** the Valet button for five seconds.
The parking lights flash nine times in rapid succession when turned on, and nine times in slow succession when turned off.

Emergency Override

The following procedure Disarms the system when a programmed remote is not available. Number of presses_____

1. **Turn** the ignition ON.
2. **Press** the Valet button the correct number of times (the default is 1 press). After a few seconds the siren output ceases and the system is Disarmed.

Battery Information

The 2-way remote ASDS-2110*, is powered by two coin cell batteries (CR-2016), and the 1-way remote ASDS-1110, is powered by a single coin cell battery (CR-2016). Operating range diminishes as battery charge depletes.

Low Battery Alert

When unlocking the vehicle using a remote control with a low battery charge, the system provides a notification by emitting a third horn honk output (if connected). If confirmation chirps are programmed off, the system still emits one horn honk when unlocking. After performing a command with the remote control, several beeps play to indicate the battery/batteries need replacing. Once the alerts begin, the remote control 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.

Battery Replacement

1. **Unscrew** the hardware on unit rear and remove from housing (if present).
2. **Use** a small flat blade screwdriver and **insert** it into the slot located along the bottom of the remote, near the key ring. Carefully **pry** open the case.
3. Gently **slide** out the used battery/batteries to remove it from the holding clip. **Orient** the new battery for the correct polarity and **insert** into holding clip.
4. **Realign** the case parts and **snap** together by pressing firmly and evenly on the front and back. **Reinstall** screw (if present).

Battery Disposal



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

* **Note:** Your system may not include the 2-way remote (ASDS-2110).

Patent Information

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

Remote Start Patents:

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

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

Other patents pending.

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.

Antenna

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.

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



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 Autostart dealer.

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 "Start Valet" procedure found under "Valet Modes" in this guide. It is the user's sole responsibility to properly handle and keep out of reach from children all remote control remote controls to assure that the system does not unintentionally remote start the vehicle. IT IS RECOMMENDED THAT THE USER INSTALL A CARBON MONOXIDE DETECTOR IN THE LIVING AREAS ADJACENT TO THE VEHICLE. ALL DOORS LEADING FROM ADJACENT LIVING AREAS TO THE ENCLOSED OR PARTIALLY ENCLOSED VEHICLE STORAGE AREA MUST BE CLOSED AT ALL TIMES. These precautions are the sole responsibility of the user.

Manual Transmission Vehicles

Remote starters on manual transmission vehicles operate differently than those with automatic transmission because you must leave your car in neutral. You must read this Owner's Guide to familiarize yourself with the proper procedures regarding manual transmission remote starters. If you have any questions, ask your authorized Autostart dealer.

Before remote starting a manual transmission vehicle, be sure to:

- Leave the vehicle in neutral and be sure no one is standing in front or behind the vehicle.
- Only remote start on a flat surface
- Have the parking brake fully engaged

WARNING! It is the responsibility of the owner to ensure the parking/emergency brake properly functions. Failure to do so can result in personal injury or property damage. We recommend the owner have the parking / emergency brake system inspected and adjusted by a qualified automotive shop biannually.

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 Autostart 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 Autostart 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 Autostart 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 CAUSE THE VEHICLE TO UNEXPECTEDLY LUNGE FORWARD RESULTING IN PROPERTY DAMAGE OR SERIOUS PERSONAL INJURY INCLUDING DEATH. YOU MUST IMMEDIATELY CEASE THE USE OF THE

UNIT AND SEEK THE ASSISTANCE OF AN AUTHORIZED AUTOSTART DEALER TO REPAIR OR DISCONNECT THE INSTALLED REMOTE START MODULE. AUTOSTART WILL NOT BE HELD RESPONSIBLE OR PAY FOR INSTALLATION OR REINSTALLATION COSTS.

This product is designed for fuel injected vehicles only. Use of this product in a standard transmission vehicle must be in strict accordance with this guide.

This product should not be installed in any convertible vehicles, soft or hard top with a manual transmission. Installation in such vehicles may pose certain risk.

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 Autostart 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 Warranty

REMOTE STARTERS:

As the manufacturer, Directed warrants to the original consumer purchaser only (**non-transferable**) that the remote starter module (control box) shall be free from defects in materials and workmanship **for as long as the original consumer purchaser continuously owns the vehicle in which the remote starter was originally installed.** 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.

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.*

* Effective on modules produced since August 2011.

ACCESSORIES:

Directed warrants to the original consumer purchaser only (**non-transferable**) that it will replace any Directed accessory part for a one-year period from date of purchase. Accessories will only be replaced if proven defective in material or workmanship, and if, when the accessory is returned to the point of purchase, the retailer is provided with a copy of the proof of purchase. The accessory will be sent to the retailer for the consumer to claim within a 4 (four)-week period.

THE WARRANTY IS VOID IF:

1. The product has been damaged, altered in any way or tampered with, without the explicit written consent of a Directed technician. For remote starter modules, this includes the opening or removal of the plastic covering of the module, or the removal or alteration of the barcode label on the plastic covering of the module.
2. The product is damaged due to accident, fire, flood, shipping and handling, misuse, neglect, or other conditions beyond the control of Directed.
3. The product has been installed or repaired by anyone other than a certified technician.
4. The product has been improperly installed or used.

THE WARRANTY DOES NOT COVER:

1. Batteries.
2. Scratched or worn transmitter cases.
3. Modules indicating a production date earlier than August 1, 2011.
4. Installation and/or removal charges for all remote starter modules and accessories.
5. Shipping and handling charges incurred for product exchange or replacement.
6. Any material damages other than to the product itself.
7. Harnessing, LED lights, switches, inverters, relays, etc.

THIS LIMITED LIFETIME WARRANTY SHALL CONSTITUTE THE SOLE LIABILITY OF DIRECTED FOR OUR PRODUCTS, AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. THERE ARE NO WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. NO PERSON, FIRM OR CORPORATION IS AUTHORIZED TO ASSUME FOR DIRECTED ANY OTHER LIABILITY WITH RESPECT TO THE SALE OR USE OF OUR PRODUCTS. DIRECTED'S LIABILITY, WHETHER BASED ON CONTRACT, TORT, WARRANTY, STRICT LIABILITY, OR ANY OTHER THEORY, SHALL NOT EXCEED THE PRICE OF THE INDIVIDUAL UNIT WHOSE DEFECT FOR DAMAGE IS THE BASIS OF THE CLAIM. UNDER NO CIRCUMSTANCE WILL DIRECTED, ITS DISTRIBUTORS OR THEIR AGENTS BEAR ANY LIABILITY WHATSOEVER FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.

The parties here to elect that any dispute regarding the present document be submitted to the appropriate Court located in the Province of Quebec, District of Montreal. The parties hereto agree that this document is governed by and interpreted in accordance with the law of Quebec. If the purchaser is located in a province of Canada other than Quebec, all matters dealing with the warranty of quality will be governed by and interpreted in accordance with the law of Ontario. If the purchaser is located outside Canada, all matters dealing with the warranty of quality will be governed by and interpreted in accordance with the United Nations Convention on Contracts for the International Sale of Goods (the "Vienna Convention").