

**AUTOSTART<sup>®</sup>**

**PRODUCT CATALOG**  
**2008-2009**



# STARTERS

Autostart is a leading manufacturer of remote control car starters and security products in North America. Founded 21 years ago, Autostart was one of the first to design and build remote control car starters. Over the years, a continuing commitment to quality and reliability has allowed Autostart to gain a respected reputation as a high-end manufacturer of automotive aftermarket accessories. Today, Autostart continues to set standards in the industry, constantly bringing a new flow of exciting and innovative product designs.

All of Autostart's research and development is done in Montreal, Canada. Our engineering specialists have first-hand knowledge and experience in designing and manufacturing products that surpass the test of time and operate in challenging climate and extreme weather. Our vigorous testing and manufacturing facilities use state-of-the-art equipment to ensure that every unit produced lives up to the Autostart standards.

By offering the Autostart line of products to your customers, you are insuring that you are supplying them with the best of the best at an affordable price. Most importantly, you are securing a high level of confidence in regards to your business for their future purchases.



[WWW.AUTOSTARTUSA.COM](http://WWW.AUTOSTARTUSA.COM)

MADE IN MONTREAL - CANADA



Whether your customer is looking for a 1-way entry-level remote control car starter or a full featured 2-way paging remote control car starter system, Autostart has the system that is just right for his or her needs.

Every model is built sharing the same time-proven platform. Within the Autostart line, you will not only find the same high standard of reliability and functionality, but you will also find that the major connectors are common in all models, simplifying all installations. The difference between models are mainly in the complexity of the RF systems, as well as additional features offered.

## All-in-one MANUAL/AUTOMATIC transmission remote starter

By default, the remote control car starters are for manual transmission but can be changed very easily, at the moment of installation, into automatic transmission remote control car starters. They also offer additional features such as an OEM style alarm system using the door and hood switches, ignition sense as an alarm trigger, and the factory horn as an audible deterrent. The Ready Mode setup ensures that the vehicle will not be in gear prior to remote starting. Users of LCD systems benefit from having a dedicated Ready Mode icon when the system is ready to start the vehicle.

**WARNING!** Manual transmission function poses certain risks. You must follow recommended safety guidelines in installation and operation of the product. Please see the installation and user guides for details.

## Virtual Tach System

Virtual Tach System combines the latest microcontroller technology and a complex algorithm that took Autostart years to develop. VTS is able to effectively monitor the engine starting sequence and release the starter at the right time without physically connecting the tach wire to the remote starter. The VTS constantly monitors the data and readjusts itself automatically in order to maximize its capability to start the engine properly in any weather or deteriorating battery condition.



## 2-WAY

All 2-way systems are FM based, allowing for better immunity against environmental RF noise, which directly translates into more RF stability and better range. Autostart's own HDX technology software implemented in the 2-way units also adds user friendliness by simultaneously sending and receiving information.



## COMMON FEATURES

- Dual 12 Volt Power Wires
- High-current outputs for Ignition, Accessory and Start
- Configurable High-Current Output for 2nd Ignition, 2nd Accessory, or 2nd Start
- Multi-Speed Tachometer Learning
- Two-setting tach input Normal and High Tach Jumper
- Programming Assistance Button
- Gas or diesel engine compatible
- Non-volatile system state memory
- All-in-one manual/automatic transmission system
- Tech tool compatible (AS-PRG1000)
- Virtual Tach System (automatic transmission mode ONLY)
- INV-200 Port "polarity door lock inverter"
- Configurable engine run time
  - 3 minutes in gas mode / 8 minutes diesel mode
  - 15 minutes in gas mode / 20 minutes diesel mode
  - 25 minutes in gas mode / 30 minutes diesel mode
- Turbo Mode
- Idle Mode
- Cold Weather Mode
- Negative Hood Trigger Input
- Tachometer Input
- Positive Glow-plug Input
- Auxiliary (-) Ground Output When Running
- Independent arm / disarm outputs for factory alarm control
- Limited lifetime warranty

## OPTIONS

- Keyless Entry Outputs
- Ignition-controlled door locks
- Secure lock
- Trunk Release Output
- Anti-theft Starter-kill output
- Passive or active starter-kill arming
- Arm & Disarm OEM alarm
- OEM horn control
- Parking lights flash / diagnostics



For more information about this or any other product please visit our web site at [www.autostartusa.com](http://www.autostartusa.com)

## 2-WAY SYSTEMS

### AS-3472TW-FM

2-way LCD system; with an ultra slim transmitter. A combination between the simplicity of the 2-way LED with a small LCD display providing clear concise information. Custom car starter programming can be done directly with the remote control.

#### FEATURES

- 6-Button FM LCD transmitter
- 5-button companion transmitter
- Up to 3000' / 900 m of range
- Status via alphanumeric / icon LCD transmitter display
- Signal reception / operation confirmation (beep / text)
- Bright backlit Liquid Crystal Display (LCD)
- 8 user-programmable LCD backlight color
- 2-way communication with HDX Technology
- Monopole antenna with embedded bright-blue LED
- User-programmable time start
- User-programmable transmitter language (English/French)
- User-programmable transmitter keypad lock
- Optional sensor for remote temperature readout
- User-programmable 6th button
- User-programmable red/green backlight illumination upon lock/unlock
- Transmitter battery level indicator
- On-screen ready mode on/off indicator (manual transmission system ONLY)
- On-screen engine running countdown timer
- Clock with alarm function
- Parking meter countdown
- Safe start
- Swap start
- Home Valet Mode™

\*may require additional part(s) and/or labor

- Remote Controlled Valet Mode
- Ignition Controlled Valet Mode
- Temperature Sensor Compatible\*
- Multi-car operation (2)
- Multi-level shift button
- Channel expander compatible\*
- Built-in programmable OEM-style alarm
- Virtual Tach System (automatic transmission mode ONLY)
- 3 auxiliary outputs\*
  - Aux. 1: Horn or priority door access
  - Aux. 2: Priority door access, constant while pressed or latched 30 sec. /4 min.
  - Aux. 3: Configurable trunk output
- Configurable input\*
  - Trunk pin monitoring
  - External trigger
  - Key sense



Companion Remote

### AS-3372TW-FM

All the practical features of a 2-way LCD transmitter with the size, ruggedness and the simplicity of a 1-way system. All information is easily read and translated through a simple patented button illumination system and audible confirmation.

#### FEATURES

- 5-Button FM LED Transmitter
- 5-Button companion transmitter
- Up to 2500' / 760 m of Range
- Audio/visual command confirmation
- Visual command confirmation via button illumination
- Audible confirmation
- Robust and durable
- 2-way communication with HDX Technology
- Monopole antenna with embedded bright-blue LED
- Engine run time request
- Safe start
- Swap start
- Home Valet Mode™
- Remote Controlled Valet Mode
- Ignition Controlled Valet Mode
- Multi-car operation
- Multi-level shift button

\*may require additional part(s) and/or labor

- Channel expander compatible\*
- Built-in programmable ON/OFF OEM-style alarm
- Virtual Tach System (automatic transmission mode ONLY)
- 3 auxiliary outputs\*
  - Aux. 1: Horn or priority door access
  - Aux. 2: Priority door access, constant while pressed or latched 30 sec. /4 min.
  - Aux. 3: Configurable trunk output
- Configurable input\*
  - Trunk pin monitoring
  - External trigger
  - Key sense



Companion Remote

## 1-WAY SYSTEMS

### AS-2775

One of the most popular 1-way systems. Provides great range and flexibility with a 5-button transmitter.

#### FEATURES

- Two 5-Button Transmitters
- Up to 2200' / 670 m of range
- Monopole antenna with embedded bright-blue LED
- Safe start
- Swap start
- Home Valet Mode™
- Remote Controlled Valet Mode
- Ignition Controlled Valet Mode
- Multi-car operation
- 5th button with stop / panic functions
- Built-in basic OEM-style alarm

\*may require additional part(s) and/or labor

- Virtual Tach System (automatic transmission mode ONLY)
- 3 auxiliary outputs\*
  - Aux. 1: Horn or priority door access
  - Aux. 2: Priority door access, constant while pressed or latched 30 sec. /4 min.
  - Aux. 3: Configurable trunk output
- Configurable input\*
  - Trunk pin monitoring
  - External trigger
  - Key sense



### AS-2272

The smallest 2-button transmitter on a long range remote control car starter. With 1500ft/500m of range, independent start and stop buttons are almost necessary. These buttons can also be configured for toggle lock/unlock and start/stop.

#### FEATURES

- One 2-button miniature transmitters
- Up to 1500' / 500 m of range
- Monopole antenna with embedded red LED
- Ignition Controlled Valet Mode
- Turbo mode
- Idle mode
- Cold Weather Mode
- Virtual Tach System (automatic transmission mode ONLY)
- 1 Auxiliary output\*
  - Aux.1: Horn or constant while pressed

\*may require additional part(s) and/or labor



# HDR™

Stands for High Data Rate. Autostart's transmitter effective range has always been high on the priority list. Our RF and software team joined forces to create one of the most advance transmitter coding ever, the HDR™. By increasing the speed of which the data is modulated on the carrier from the remote control, short but powerful bursts of information can be transmitted. The signal is retrieved in the vehicle by the antenna which contains a high efficiency filtering system that allows clear reading of the command. Careful thinking was done for this smart technology, just to simply increase the effective range and its stability.



## ACCESSORIES

### AS-PRG1000 "Tech tool"

#### GENERAL FEATURES

- Hand-held programmer / diagnostic tool
- Large, easy to read 20-character-by-4-line, bright blue backlit LCD
- PC updatable for future firmware upgrades
- Easy connection to remote car starter unit via antenna cable
- Effortlessly programs remote starter's:
  - Functions
  - Options
  - Tach
  - Transmitters
- Multiple user programmable memory preset for quick programming of features/options
- Quick read/write functions, perfect when swapping a unit
- Diagnostic/troubleshooting made easy
  - Start failure codes
  - Alarm triggers
  - Tach finder tool (cables supplied with unit)
  - 1-button unit reset
  - Built-in OBD2 code eraser
  - CAN ready

\*may require additional part(s) and/or labor



## ACCESSORIES

### ANTENNAS



SANT-4120-10A  
AS-2272  
AS-2275  
(433MHz)



SANT-4420-10F  
AS-3372TW-FM  
AS-3472TW-FM



A001-SH001  
Antenna 4 pin  
interconnect cable  
(SR/SH/TW)

### OTHER PARTS



INV-200  
Plug-in door lock  
polarity inverter



MCX-100  
Plug-in 5 channel  
expansion module with  
dome light supervision



AC40-TEMP-101  
Temperature sensor  
for LCD system  
AS-3472TW-FM



SPB0-00018  
Remote starter parts  
bag  
\*ALL STARTER  
SYSTEMS\*



SHAR-15006  
Autostart main  
harness kit.  
Fits all current starter  
and combo systems



BITAS01  
Bitwriter to  
Autostart  
Interface

## TRANSMITTERS



ASRF-5603BC  
AS-3472FM



ASRF-1501BK  
Companion for 2-Way  
LCD and LED systems



ASRA-2202BK  
AS-2272



ASRF-3503BK  
AS-3372TW-FM



ASRA-2503BK  
AS-2775

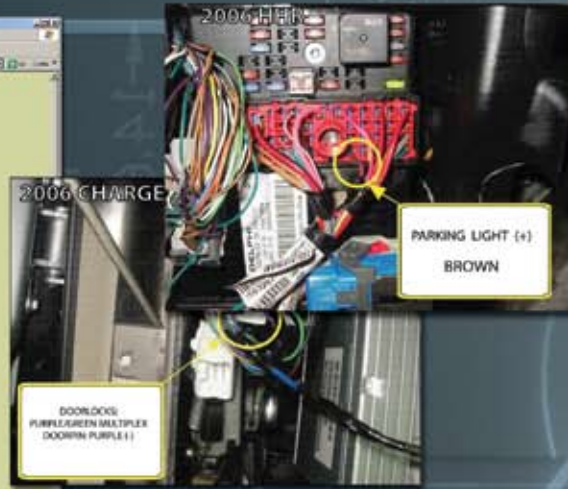
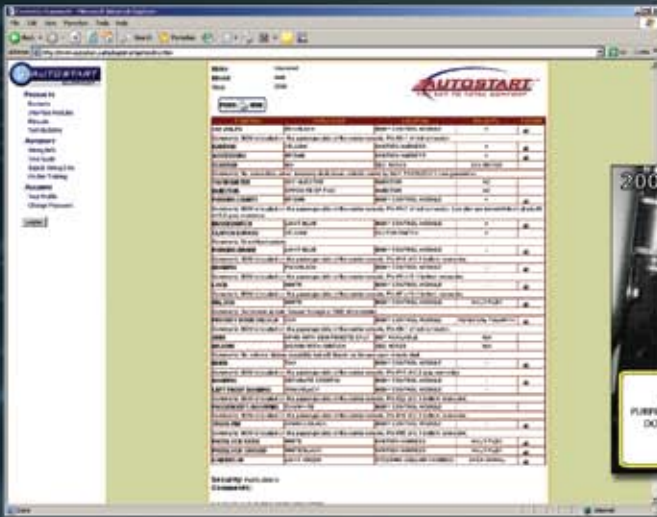


# AUTOSOFT WEB

AUTOSOFT WEB is Autostart's online service that provides in-depth access to information related to products, training, labor value, installation troubleshooting, modification of OEM and aftermarket vehicle electronics.

## WIRING INFO

Once logged-in, entering the valid serial number of an Autostart product permits real-time access to Autosoft's vehicle wiring section containing our most current data on thousands of vehicles including wiring information, installer comments, tech tips, and many detailed images with embedded notes taken during the installation phase.



# ON-LINE TRAINING VIDEO



Customer Service 1-800-753-0600  
Technical Support 1-800-753-0800  
www.autostartusa.com