iDATASTART®/MD

OWNER'S MANUAL

TR2550A

INSTRUCTIONS EN FRANÇAIS AU VERSO

2016/08

WELCOME TO IDATASTART

Congratulations on the purchase of your iDataStart remote start system. Please take a moment to review the following table of contents to help you quickly access the information you need.

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AUTOMOTIVE DATA SOLUTIONS

Headquartered in Montreal, Canada, Automotive Data Solutions Inc. (ADS) is a privately held company specialized in the development and marketing of remote start and audio integration solutions destined for the automotive aftermarket. ADS' award-winning products (marketed under the iDatalink®, iDatalink Maestro® and iDataStart® brands) are sold and installed through a network of Authorized Dealers across North America, South America, Europe and Russia. For more information about ADS' products and services, visit **www.adsdata.ca**.

IDATASTART REMOTE OVERVIEW

Your iDataStart remote start system may include one or both long-range remotes listed below. Please take a moment to familiarize yourself with their general features.

REMOTE MODEL	TR2550A
Technology	FM 2-WAY
Max. Range	3000 feet
Buttons	5
Transmit Confirmation (TX)	Chime
Receive Confirmation (RX)	LCD icon + Chime
Batteries Required	2 x CR2450
Avg. Battery Life	8-15 months
Warranty	1 year

IDATASTART REMOTE FUNCTIONS & CONFIRMATIONS

Your iDataStart LCD remote can pack over 30 functions using only 5 buttons. In order to get the most out of your remotes, please take a moment to get acquainted with
the following functions below:

NOTES:

1. All functions must be enabled by an Authorized Dealer during installation to be functional on remote
2. Non-highlighted icons = Press & release button
3. Highlighted (grey) icons = Press & hold button for 2.5 seconds
4. Coma (,) between icons = Press buttons one after the other
5. Plus (+) between icons = Press buttons together
6. Timeout between each button press = 3 seconds
7. Function* = Available in 2nd Car Mode
8. When remote is on silent mode, no sound can be heard from the remote (no chirp!)
9. For toggle functions, remote starter answered with (1, 2 or 3 chirps and blink on the remote (1: ON, 2: OFF, 3: IMPOSSIBLE)
10. If remote do 6 chirps and 6 blinks, remote is locked, you need to unlock it first (Unlock remote)

BUTTON(S)	FUNCTION	DESCRIPTION	CONFIRMATION FEEDBACK
🔒	Lock & Arm*	Secures your vehicle by locking the doors and arming the alarm.	1 chirp, display and **ARM**
🔓	Unlock & Disarm*	Access your vehicle by unlocking the doors and disarming the alarm.	2 chirps, display and **DISARM**
	--		1 chirp, display Shift for 3 seconds.

BUTTON(S)	FUNCTION	DESCRIPTION	CONFIRMATION FEEDBACK
	Query*	Queries vehicle and vehicle battery voltage and interior temperature.	Query voltage: 1 chirp, display voltage (ex: 12.5) for 3 seconds.
			Query temperature: 1chirp, display temperature (ex: 25°C) for 3 seconds.
			Query shut down error: 3 chirps, display error (ex: E 7) for 3 seconds.
	Panic*	Triggers the panic siren.	1 chirp, and flash 5 times.
	AUX 5*	To be completed by Authorized Dealer if applicable	1 chirp, display CH05.
	Trunk Release*	Releases the trunk or hatch.	1 chirp, display .
	Engine Start/Stop*	Starts and stops the engine.	Engine start: 1 chirp, display .
			Engine run: 4 chirps, display . and remaining runtime.
			Start error: 1 long chirp, display start error.
			Engine stop: 3 chirps, display start error.
,	AUX 1	To be completed by Authorized Dealer if applicable	1 chirp, display CH01.

BUTTON(S)	FUNCTION	DESCRIPTION	CONFIRMATION FEEDBACK
F, 🔓	AUX 2	To be completed by Authorized Dealer if applicable	1 chirp, display CH02.
F, 🔒	AUX 3	To be completed by Authorized Dealer if applicable	1 chirp, display CH03.
F, 🔗	AUX 4	To be completed by Authorized Dealer if applicable	1 chirp, display CH04.
F, F, *	2nd Car Mode	Controls two iDataStart-equipped vehicles using one remote. Works with all functions marked with an asterisk (*).	Same as 1st car.
🔒, 🔒	Silent Lock*	Disables the vehicle's horn and alarm siren.	1 chirp, display and **ARM**.
🔒, 🔓	Silent Unlock*	Disables the vehicle's horn and alarm siren.	2 chirps, display and **DISARM**.
F, 🔓 + 🔒	Valet Mode ON/OFF	Turns off remote start and security features when servicing your vehicle or valet parking. Keyless entry features remains functional.	ON:1 chirp, display .
			OFF: 2 chirps, disappears.
F, 🔗	Runtime Extend	Seamlessly extends your engine runtime without restarting your vehicle.	1 chirp, display runtime minutes (ex: 5 10 20 30)

BUTTON(S)	FUNCTION	DESCRIPTION	CONFIRMATION FEEDBACK
F, +	Mute ON/OFF	Disables the vehicle's horn and alarm siren even when alarm is triggered. Remote will still receive alarm notification.	ON: 1 chirp, display .
			OFF: 2 chirps, disappears.
F, +	Shock Sensor ON/OFF	Disables shock sensors if installed.	ON: 1 chirp, display .
			OFF: 2 chirps, disappears.
F, +	Ignition Lock ON/OFF	Automatically locks doors when engine is running.	ON: 1 chirp, display ON for 3 seconds.
			OFF: 2 chirps, display OFF for 3 seconds.
F, +	Passive Lock & Arm ON/OFF	Automatically locks & arms your vehicle 60 seconds after you unlock it.	ON: 1 chirp, display ON for 3 seconds.
			OFF: 2 chirps, display OFF for 3 seconds.
F, +	Turbo ON/OFF	Cool down your turbo before turning the engine off. Programmable runtime from 1 to 4 minutes.	ON: 1 chirp, display TURBO.
			OFF: 2 chirps, TURBO disappears.

BUTTON(S)	FUNCTION	DESCRIPTION	CONFIRMATION FEEDBACK
F, 🔒 + 🔑	Weather Start ON/OFF	Set your vehicle to automatically remote start every 2, 3 or 4 hours (programmable) or from a temperature sensor sold separately.	ON: 1 chirp, display 🕒.
			OFF: 2 chirps, 🕒 disappears.
F, 🔓	Query Remote Technology	Shows the remote technology on LCD for 3 seconds.	Displays remote technology (ex: AM = 1 / FM = 2 / SST = 3) for 3 seconds.
F, 🔊	Query Remote Firmware Version		Displays firmware version (ex: 1 .6) for 3 seconds.
F, F, F, 🔒	Lock Remote	Disables all functions on your remote.	ON: 1 chirp + LCD backlight flash 1 time.
			On button press: 6 chirps + 6 times and remote LCD backlight flashes.
F, F, F, 🔓	Unlock Remote ON/OFF	Enables all functions on your remote.	ON: 2 chirps + LCD backlight flash 2 times.
F, F, F, 🔊	No beep on takeover		ON: 1 chirp OFF: 2 chirps
F, F, F, 🔑	Invert function of query remote start		ON: 1 chirp OFF: 2 chirps
F, F, F, 🔊	Mute Remote Toggle	To toggle between a silent remote or not (2).	Chirp OFF: 2 chirps, display OFF for 3 seconds.
			Chirp ON: 1 chirp, displays ON for 3 seconds.

BUTTON(S)	FUNCTION	DESCRIPTION	CONFIRMATION FEEDBACK
F, F, F, F	Remote Settings		1. Set time 2. Set alarm time 3. Set backlight ON/OFF 4. Set vibration on/off 5. Set chirp on/off 6. Set remote turn off time. up or on down or off next option
	Battery Level	Shows the remote battery level.	75% - 100% 50% - 75% 25% - 50% 0% - 25%

PROGRAMMING A NEW IDATASTART REMOTE

Are you replacing a lost or damaged remote or simply adding an extra remote to your iDataStart system? Please take note of the following:

1. A functional iDataStart system must already be installed in your vehicle.
2. All new remotes must be installed by an iDataStart Authorized Dealer.
3. A maximum of 4 remotes can be programmed to your iDataStart system.

REPLACING IDATASTART REMOTE BATTERIES

Follow the steps below to replace the batteries in your iDataStart remotes OR scan the QR code below to view a video tutorial.

1. Insert a 25 cent coin into the hollow (bottom left) corner of your iDataStart remote.
2. Gently twist the coin until the casing pops open.
3. Use your coin to pry open the rest of the case perimeter.
4. Carefully remove the circuit board from the case.
5. Slide the old battery out of its enclosure and replace with the new battery.
6. Carefully replace the circuit board into bottom half of the casing.
7. Snap top and bottom casings back together using your hands.

REMOTE STARTING FROM FACTORY KEY FOB

Available on most vehicles, your iDataStart system will enable remote start functionality from your factory key fob as follows:

BUTTON	PRESS	FUNCTION
🔒	3x rapidly	Start engine
🔓	3x rapidly	Stop engine

Remote start range will vary by key fob. If your iDataStart system does not include long range remotes, you may still add iDataStart remotes (sold separately) at a later date. Ask your iDataStart Authorized Dealer for details.

ADJUSTING ENGINE RUNTIME SETTINGS

Once remote started from your factory key fob or long-range remote, your vehicle will run for the programmed 'runtime' setting. The default runtime is 15 minutes but it can also be programmed for 3, 5, 10, 25, 30 or 35 minutes. If you wish to change your remote start runtime setting, contact your iDataStart Authorized Dealer.

KEY TAKEOVER FOLLOWING REMOTE START

Available on some vehicles, the 'key takeover' procedure ensures that your engine does not turn off when entering the car during the remote start runtime, following a remote start command. Follow the instructions below or scan the QR code to view a video tutorial.

For Standard Key Vehicles

1. Unlock and enter vehicle
2. Close doors
3. Insert key into ignition and turn ignition to ON position
4. Press foot brake

For Push-To-Start Vehicles

1. Unlock and enter vehicle with valid smartkey
2. Close doors
3. Press foot brake

NOTE: To prevent your vehicle from shutting down, complete the steps below within the programmed delay time (45 seconds, 90 seconds, 3 minutes or 4 minutes). Key takeover procedure may vary by vehicle, ask your iDataStart Authorized Dealer for deatails.

WHEN SERVICING YOUR VEHICLE

To ensure safety during vehicle servicing, the remote starter must be placed in 'Valet Mode'. The 'Valet Mode' will disable remote start functionality. To activate or deactivate the 'Valet Mode', follow the instructions below or scan the QR codes to view a video tutorial.

With Vehicle Key

FUNCTION	ACTION	# OF PARKING LIGHT FLASHES
Valet Mode ON	Cycle ignition OFF/ON 2x rapidly, then press brake 3x.	1
Valet Mode OFF		2

With iDataStart Remote

FUNCTION	ACTION	# OF PARKING LIGHT FLASHES
Valet Mode ON	Turn ignition ON, then press , +	1
Valet Mode OFF		2

With iDataStart Antenna

FUNCTION	ACTION	# OF LED & PARKING LIGHT FLASHES
Valet Mode ON	Turn ignition ON, then press & hold button for 5 seconds	1
Valet Mode OFF		2

REMOTE START TROUBLESHOOTING

If your iDataStart remote fails to start the vehicle, the parking lights will flash three times immediately, then flash a number of times according to the errors below:

# OF PARKING LIGHT FLASHES	DIAGNOSTIC	SOLUTION
3 + 1	Engine is already running	Turn engine OFF
3 + 2	Key in ignition at ON position	Remove key from ignition
3 + 4	Trunk is open	Close trunk
3 + 5	Foot brake is ON	Release foot brake
3 + 6	Hood is open	Close hood
3 + 8	Tach failure	Contact Authorized Dealer
3 + 10	System is in Valet Mode	Exit Valet Mode
3 + 11	Can communication failure	Contact Authorized Dealer

VEHICLE SHUTDOWN TROUBLESHOOTING

If the remote start sequence has been completed and the vehicle shuts down, the vehicle's parking lights will flash 4 times immediately, then flash a number of times according to the errors below:

# OF PARKING LIGHT FLASHES	DIAGNOSTIC	SOLUTION
4+1	No engine rev detected	Turn ignition ON before trying to remote start
4+3	Foot brake detected	Release foot brake
4+4	Hood open detected	Close hood
4+5	Engine revving over 3000 RPM	Check your accelerator pedal
4+6	Glow plug error	Contact Authorized Dealer
4+7	Vehicle speed sensor error	Contact Authorized Dealer
4+8	'Check Engine' light detected	Clear 'Check Engine' code
4+9	Low fuel detected	Add fuel
4+10	Door open detected	Close door
4+11	CAN communication failure	Contact Authorized Dealer
4+13	Key takeover not allowed	Key fob not detected OR Takeover procedure not completed correctly OR takeover is not available for your vehicle
4+14	Module overheat protection	Contact Authorized Dealer

LIMITED LIFETIME WARRANTY

Automotive Data Solutions Inc. ("ADS") warrants to the original purchaser of the iDataStart product that the following components product shall be free of defects in material and workmanship under normal use and circumstances:

Control module and installation harnesses
For as long as the original purchaser owns the vehicle in which it was originally installed.

Remote transmitters and antenna
For the period of one (1) year from the date of original installation.
Excludes battery replacement.

In the event of any product malfunction during the Warranty period, the original purchaser must return to the Authorized Dealer where it was originally purchased with the original proof of purchase. If a malfunction is detected, the Authorized Dealer will elect to repair or replace the product at its discretion. Labor costs may be applicable and are at the discretion of the Authorized Dealer.

THE LIMITED LIFETIME WARRANTY IS AUTOMATICALLY VOID IF:

- An original proof of purchase is not provided when servicing the product during the warranty period;
- The date code and/or serial number is defaced, missing, or altered;
- The iDataStart product is transferred to another vehicle;
- The vehicle in which the product was originally installed is transferred to a new owner.

ADS is not responsible for any damages whatsoever, including but not limited to any consequential damages, incidental damages, damages for loss of time, loss of earnings, commercial loss, loss of economic opportunity and the like that may or may not have resulted from the installation or operation of an iDataStart product.

FCC STATEMENT

1. 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.

   (2) This device must accept any interference received, including interference that may cause undesired operation.

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

NOTE: 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 uses and can radiate radio frequency energy and, if not installed and used in accordance with 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 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.

IC STATEMENT

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

(1) This device may not cause interference.

(2) This device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil est conforme aux CNR exemptes de licence d'Industrie Canada .
Son fonctionnement est soumis aux deux conditions suivantes :

(1) Ce dispositif ne peut causer d'interférences ; et

(2) Ce dispositif doit accepter toute interférence , y compris les interférences qui peuvent causer un mauvais fonctionnement de l'appareil.

CUSTOMER SUPPORT: 866.427.2999 / **WWW.IDATASTART.COM**