OWNER'S MANUAL

HCX/HC1/HC2

INSTRUCTIONS EN FRANÇAIS AU VERSO

IDSOG201505

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 quicly access the information you need.
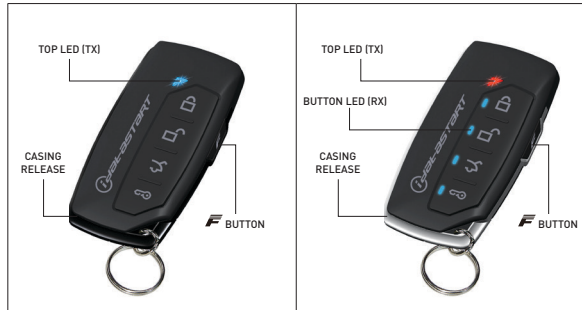
IDATASTART REMOTE OVERVIEW

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	TR1150A	TR2350AC
Technology	FM 1-WAY	FM 2-WAY
Max. Range	3000 feet	3000 feet
Buttons	5	5
Transmit Confirmation (TX)	Top LED	Top LED
Receive Confirmation (RX)	--	Button LED + Chime
Batteries Required	2 x CR2016	1 x CR2450
Avg. Battery Life	24 months	6-12 months
Warranty	1 year	1 year

IDATASTART REMOTE FUNCTIONS & CONFIRMATIONS

Thanks to their multiplexing technology, iDataStart remotes 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. Confirmations are only available with 2-way remote

BUTTON(S)	FUNCTION	CONFIRMATION (2-WAY ONLY)	FUNCTION DESCRIPTION
🔒	Lock & Arm*	1 chime + 1 flash	Secures your vehicle by locking the doors and arming the alarm.
🔓	Unlock & Disarm*	2 chimes + 2 flashes	Access your vehicle by unlocking the doors and disarming the alarm.
⟑	--		
⟳	Query*		
🔒	Panic*	1 chime + 1 flash	Triggers the panic siren.
🔓	AUX 5*		To be completed by Authorized Dealer if applicable
⟑	Trunk Release		Releases the trunk or hatch.

BUTTON(S)	FUNCTION	CONFIRMATION (2-WAY ONLY)	FUNCTION DESCRIPTION
🔑	Engine Start/Stop*	4 chimes + 4 flashes (Button LEDs will also flash intermittently while engine is running)	Starts and stops the engine.
🔑 🔒	AUX 1		To be completed by Authorized Dealer if applicable
🔑 🔓	AUX 2		To be completed by Authorized Dealer if applicable
🔑 🔑	AUX 3		To be completed by Authorized Dealer if applicable
🔑 🔑	AUX 4		To be completed by Authorized Dealer if applicable
🔑 🔑 *	2nd Car Mode		Controls two iDataStart-equipped vehicles using one remote. Works with all functions marked with an asterisk (*).
🔑 🔒	Silent Lock*		Disables the vehicle's horn and alarm siren when pressing the 'Lock' button.
🔑 🔓	Silent Unlock*		Disables the vehicle's horn and alarm siren when pressing the 'Unlock' button.
🔑 🔒 + 🔑	Valet Mode ON/OFF	1 chime ON 2 chimes OFF	Turns off remote start and security features when servicing your vehicle or valet parking. Keyless entry features will remain functional.
🔑 🔑	Runtime Extend		Seamlessly extends your engine runtime without restarting your vehicle.
🔑 🔑 + 🔑	Mute ON/OFF	1 chime ON 2 chimes OFF	Disables the vehicle's horn and alarm siren even when alarm is triggered. Remote will still receive alarm notification.
🔑 🔒 + 🔑	Shock Sensor ON/OFF	1 chime ON 2 chimes OFF	Disables shock sensors if installed.

BUTTON(S)	FUNCTION	CONFIRMATION (2-WAY ONLY)	FUNCTION DESCRIPTION
𝕰 , 🔒 + 🔓	Ignition Lock ON/OFF	1 chime ON 2 chimes OFF	Automatically locks doors when engine is running.
𝕰 , 🔓 + ⟳	Passive Lock & Arm ON/OFF	1 chime ON 2 chimes OFF	Automatically locks & arms your vehicle 60 seconds after you unlock it.
𝕰 , 🔓 + ⚙	Turbo ON/OFF	1 chime ON 2 chimes OFF	Cool down your turbo before turning the engine off. Programmable runtime from 1 to 4 minutes.
𝕰 , 🔒 + ⚙	Weather Start ON/OFF	1 chime ON 2 chimes OFF	Set your vehicle to automatically remote start every 2, 3 or 4 hours (programmable) or from a temp. sensor sold separately.
𝕰 , 𝕰 , 𝕰 , 🔒	Lock Remote	1 chime + 1 flashe	Disables all functions on your remote. Pressing a button will generate 6 chimes + 6 flashes. Available with 2-way remote only.
𝕰 , 𝕰 , 𝕰 , 🔓	Unlock Remote	2 chimes + 2 flashes	Enables all functions on your remote. Available with 2-way remote only.
𝕰 , 𝕰 , 𝕰 , ⟳	Mute Remote ON/OFF	1 chime ON 2 chimes OFF	Disables the chime when pressing any button on your remote. Available with 2-way remote only.

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 temove 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.

IDATASTART OWNER'S GUIDE

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 $\mathcal{F}$, $\text{\ding{}}$ + $\mathcal{S}$		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.