



User Manual

By iDataStart, Version: 1.0

Applicable to the following remote(s);
TR4650A 2Way LoRa LCD Remote



Model Name	FCC ID	IC Number
TR4650A	2AEPJ-TR4650A	11418A-TR4650A

<https://www.idatastart.com/>

WARNING

It is the responsibility of the vehicle operator to ensure that their vehicle is parked in a safe and responsible manner.

- (1) When leaving the vehicle, it is the user's responsibility to ensure that the gearshift lever is in "Park" in order to avoid accidents upon remote starting. (Note: Make sure that the automatic vehicle cannot start in "Drive".)
- (2) It is the user's responsibility to ensure that the remote starter is disabled or put into valet mode before servicing.

FCC COMPLIANCE

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.

CAUTION: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this device.

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 COMPLIANCE

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(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.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence.

L'exploitation est autorisée aux deux conditions suivantes :

- (1) L'appareil ne doit pas produire de brouillage;
- (2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Radiation Exposure Statement

This device complies with FCC radiation exposure limit set forth for an uncontrolled environment.

RF Specification

915.00 MHz (1CH) DSSS

Introduction

Thank you for purchasing a iDataStart system for your vehicle. Please take a minute to review this entire manual. Note that this manual applies to the 2 Way LoRa Remote (TR4650A) whether you purchased the ALARM IT, START IT, or MAX IT system. There are certain features listed in this manual that may not be available for your system. There may also be features listed in this manual that require additional installation or programming before they are active.

If you have any questions or concerns please contact the original place of purchase. For further information you may also contact our customer support center at 866-427-2999.

Warranty Coverage

Caution: The Manufacturer's warranty will be voided if this product is installed by anyone other than an Authorized idatastart dealer. For complete warranty details visit <https://www.idatastart.com/> or the last page of this manual.

Warranty registration can be completed online by visiting <https://www.idatastart.com/>. Please complete the registration form within 10 days of purchase. We do not include a mail in warranty registration card with each unit – registration must be done online. To verify that an authorized dealer installed your system, we highly recommend that you keep a copy of the original proof of purchase, such as the dealer invoice in a safe place.

Remote Image








Quick Reference

Remote Maintenance – Battery Charging




The TR4650A comes with a rechargeable battery. Use the included power adapter and micro USB cable to charge your remote.

First, locate the micro USB port on the top of your remote. Connect your micro USB cable to your computer or USB power adapter. The LCD on the front of the remote will show that your remote is charging. This should take approximately 2 hours.

2 Way Remote Button Functions

Button	Duration	Description
	Half seconds	Locks doors and if equipped, arms the alarm.
	Long Hold (4.5 sec)	Panic/vehicle locator (flashes vehicle's parking lights and sounds siren and horn).
	Half seconds	Unlocks doors and if equipped, disarms the alarm.
	Long Hold (2.5 sec)	Used as Auxiliary 5
	Half seconds	A button action used to confirm a function.
	Long Hold (4.5 sec)	Accesses Remote Menu (LCD View, Passive arming, Alert mode, etc) See Remote Menu Table for details.
	Long Hold (2.5 sec)	Triggers the trunk release output and opens the vehicle's trunk.
	Half seconds	LCD View / Car Check (updates vehicle status on remote pager) / Temperature Display / Vehicle Voltage Display
	Long Hold (2.5 sec)	Holding this button will start your vehicle. Repeat and this will shut your vehicle down.

Function Button Menu

Button	Duration	Description
	Half second	Remote menu selection and operation.
	Long Hold (2.5 sec)	The remote menu exits manually.
	Half seconds	The remote menu moves upwards.
	Long Hold (2.5 sec)	The remote menu moves to LCD View.
	Half seconds	The remote menu moves down.
	Long Hold (2.5 sec)	The remote menu moves to Power down.

Remote Option Menu Table

Feature	Select	Description
Car selection	Sedan SUV Pickup	Select the vehicle type (Sedan, SUV, Pickup) on the main screen.
Sound level	Sound 3 Sound 2 Sound 1 Vibration Off	Turns the silent mode on or off. Adjust the volume of your remote. 1 is the lowest. 3 is the highest.
Screen timeout	4 sec 8 sec	Adjusts the time your LCD will stay on after a button is pressed.
Language	English French Spanish	Changes LCD display language from English to French or Spanish.
Brightness	High Middle Low	Adjust the screen brightness in 3 steps.
Temperature	°F °C	Changes the temperature readout from Fahrenheit to Celsius.

Info	Model : TR4650A Tech : LORA Fw : vX.X SN : XXXXXXXXXX	Displays the model name and technology, FW version, serial number of the remote.
Power down		Switch the remote product to power down mode.
Turbo	On Off	Turbo On/Off
Siren	On Off	Siren On/Off
Shock sensor	On Off	Shock sensor On/Off
Drive lock	On Off	Drive lock On/Off
Passive arming	On Off	Passive arming On/Off
Weather mode	On Off	Weather mode On/Off
Valet	On Off	Valet On/Off

Remote Coding / Programming Routine

IMPORTANT: Every iDataStart remote must be coded to the system prior to performing any operations. All remotes must be coded at the same time.