TESLOGIC

Dash Kit

TT22

User’s Manual

Introduction

Thank you for choosing the Teslogic Wireless Transmitter Kit for Tesla Cars. This innovative kit allows you to seamlessly connect your Tesla car's CAN buses to your mobile app, transforming your smartphone into a powerful car instrument cluster. With the Teslogic Kit, you can access real-time vehicle data, monitor performance, and stay connected with your Tesla like never before.

By following the comprehensive instructions provided in this manual, you will learn how to install the Teslogic Wireless Transmitter, connect it to your car's data system, and effortlessly integrate it with your mobile app. With the Teslogic Kit, you can enjoy a personalized and enhanced driving experience, having instant access to crucial information right at your fingertips.

The Teslogic Kit includes a range of high-quality components designed to ensure a seamless installation process. From the wireless transmitter device and connection wiring to the magnet phone holder and plastic tool for disassembling car interior parts, every component has been thoughtfully crafted to provide you with a user-friendly experience.

We are excited to have you join the Teslogic community and experience the convenience and functionality of our wireless transmitter kit. Let's begin the journey of transforming your phone into a powerful car instrument cluster with the Teslogic Kit for Tesla Cars.

Terms of Use

Please review these Terms of Use attentively before utilizing the Product. Your utilization of this Product is contingent upon your complete and unambiguous approval of these Terms of Use. Should you disagree with or decline any of the stipulations, kindly refrain from using the Product. Your engagement with the Product signifies your comprehensive acceptance of these Terms of Use in their entirety. Within the context of these Terms of Use, the terms "we" or "us" refer to Teslogic, encompassing its parent companies, affiliates, subsidiaries, directors, managers, employees, or agents.

Acknowledgment of Risk: Your acceptance of risk. Your utilization of this Product is entirely at your own risk. Presenting information on the Product while operating a vehicle could potentially divert the attention of certain drivers. If you feel that this Product diverts your focus away from the road ahead, cease using it promptly.

Adherence to Traffic Regulations: It is imperative that you consistently dedicate your full attention to road safety and adhere to all traffic laws and regulations. Please be aware that the data presented on the Product may not be entirely accurate, up-to-date, or comprehensive.

Caution: In the unfortunate event of an accident, the impact experienced by your vehicle could potentially result in your smartphone forcibly moving and making contact with either your person or the occupants of your vehicle, potentially leading to personal injuries for you or your passengers. Please take note that the Product's cradle may not provide adequate restraint to prevent your smartphone from sliding or shifting during such an incident.

Caution: When employing the Product alongside your smartphone, there is a potential risk of overheating, shutdown, breakage, cracking, data loss, or other forms of damage to your smartphone. By utilizing the Product, you accept the responsibility and potential consequences of smartphone damage. We do not bear liability for any harm inflicted upon your smartphone due to your use of the Product.

Exclusion of Specific Damages: Your utilization of the Product is conducted entirely at your own risk. If you find any dissatisfaction with the Product's performance in any manner, your only recourse is to cease using it. Under no circumstances will we assume liability for any form of damages (including, but not limited to, incidental, exemplary, and consequential damages, lost profits, or damages arising from data loss or business interruption) stemming from the utilization or inability to utilize the Product. This holds true regardless of whether such claims are based on warranty, contract, tort, or any other legal framework, and regardless of our awareness of the potential for such damages. It is important to note that certain states may not permit the exclusion or restriction of incidental or consequential damages, potentially affecting the applicability of the aforementioned limitation or exclusion to your situation.

Data for Statistical Analysis: The App exclusively transmits depersonalized data for statistical purposes. This data is utilized to enhance the App's functionality and user experience. We do not collect or transmit personally identifiable information. Your privacy and data security are paramount to us.

Intellectual Property: All intellectual property rights related to the App, including but not limited to copyrights, trademarks, and patents, are owned by Teslogic. Users are granted a limited, non-exclusive, and non-transferable license to use the App solely for its intended purposes. Any reproduction, distribution, modification, or unauthorized use of the App's intellectual property is strictly prohibited. Users must respect and adhere to the intellectual property rights associated with the App.

Disclaimer of Endorsement: Any user-generated content, opinions, or reviews expressed within the App do not necessarily reflect the views or endorsements of Teslogic. We do not endorse or guarantee the

accuracy, reliability, or quality of user-contributed content. Users are solely responsible for their statements, and any reliance on such content is at their own risk. We encourage users to exercise discretion and critical judgment when evaluating information or advice provided by other users within the App.

Securing Injunctions: You consent to the understanding that any violation or potential violation of these Terms of Use on your part would result in us suffering irreparable harm, for which monetary compensation would be insufficient. Consequently, we reserve the right to seek prompt injunctive relief to safeguard our rights as outlined in these Terms of Use. This remedy is in addition to any other legal or equitable remedies at our disposal.

Product Sold in its Current State: We offer the Product in its current state, AS IS. We do not offer any assurances that the Product will align with your specific needs and make no commitments regarding its performance. You bear the complete responsibility for assessing the Product's quality, performance, precision, exertion, and expenses, if any, to meet your satisfaction.

Indemnity: In response to our request, you consent to defending, indemnifying, and exempting us from all responsibilities, claims, and costs, which include legal fees, arising from your utilization or misapplication of the Product or your violation of these Terms of Use. We maintain the prerogative, at our own cost, to assume sole control over any situation otherwise subject to indemnification by you. In such instances, you will collaborate with us in asserting any attainable defenses.

Resolution of Disputes: Through your acceptance of these Terms of Use, you are taking the following actions:

1. You are waiving any potential claims against us that might arise based on the laws of other jurisdictions, including those of your own.
2. You are providing irrevocable consent to the exclusive jurisdiction of, and the designated legal venue in, state or federal courts located in Claymont, Delaware, for addressing any disputes or claims directed toward us.
3. You are voluntarily submitting yourself to the personal jurisdiction of courts situated in the State of Delaware to resolve such disputes or claims.

Additionally, you explicitly and irrevocably relinquish any right to a trial by jury and any entitlement to act as the lead plaintiff, class representative, or in any other representative capacity within class action proceedings pertaining to this Product in any manner.

Selection of Applicable Law: The regulations and statutes of the State of Delaware shall serve as the governing laws in connection with these Terms of Use.

Comprehensive Understanding: These Terms of Use, periodically updated, represent the complete agreement between you and us regarding the subject matter herein, and they can only be altered by us.

Language and Interpretation: These Terms of Use are not subject to the regulations of the United Nations Convention on Contracts for the International Sale of Goods. In the event that any section of these Terms is deemed invalid or unenforceable, that particular section will be interpreted to align with the original intentions of the parties involved, while the remaining portions shall remain fully valid and enforceable.
The primary language governing this Agreement is English. If you have received a translation into another language, it has been provided solely for your convenience.
Конец формы

Capacity and Legal Utilization: You affirm and guarantee that you possess the necessary legal capacity to acknowledge these Terms of Use and that you will employ the Product exclusively for lawful objectives.

Updates: We retain the authority to revise or alter these Terms of Use from time to time. Therefore, we encourage you to periodically review teslogic.co/pages/terms in order to stay informed about any changes.

Safety Precautions

Before starting the installation process, please take note of the following safety precautions to ensure a safe and successful installation of the Teslogic Wireless Transmitter Kit:

Turn off the central computer. This will minimize the risk of electrical interference and ensure a smoother installation process.

Use proper protective equipment: Wear appropriate protective equipment, such as gloves, to protect yourself during the installation process. Avoid wearing loose clothing or jewelry that may get entangled in the car's interior components.

Handle plastic parts with care: When disassembling plastic parts of the car's interior, use the provided plastic tool or suitable prying tools. Take care not to scratch or damage the plastic surfaces. Apply gentle and even pressure to avoid breakage.

Seek professional assistance if needed: If you are uncertain about any step of the installation process or encounter difficulties, contact our support team at teslogic.co.

By adhering to these safety precautions, you can create a safe environment for yourself and ensure a successful installation of the Teslogic Wireless Transmitter Kit.

Adhere to local regulations: Follow all local regulations and laws regarding vehicle modifications and installations. Ensure that the installation of the Teslogic Wireless Transmitter Kit complies with the applicable laws and regulations in your region.

Kit Components

Here's a concise description of the components included in the Teslogic Wireless Transmitter Kit for Tesla Cars:

Wireless Transmitter Device:
The central unit that wirelessly connects to your Tesla's data system, providing real-time data to your mobile app.

Connection Wiring:
High-quality wiring for secure and efficient communication between the transmitter and your car's data system.

Magnet Phone Holder (MagSafe-compatible):
The phone holder in this kit consists of two parts: the phone holder body and a MagSafe-compatible magnet. This magnet securely holds your smartphone in place within your car's interior for easy data viewing. Additionally, the magnet is replaceable with a wireless charger (sold separately), offering you even more convenience and flexibility during your drives.

Plastic Tool for Disassembly:
A specialized tool for safely removing interior parts during installation, minimizing the risk of damage.

These components have been thoughtfully chosen to ensure a smooth installation and maximize the functionality of the Teslogic Kit. In the following sections, we'll guide you through the installation process step by step.

Installation

1. Open the right front door.
2. Turn off the car power.
3. Remove the rubber door seal.

4. Carefully remove the small plastic trim.

5. Using the tool provided, remove the piston.

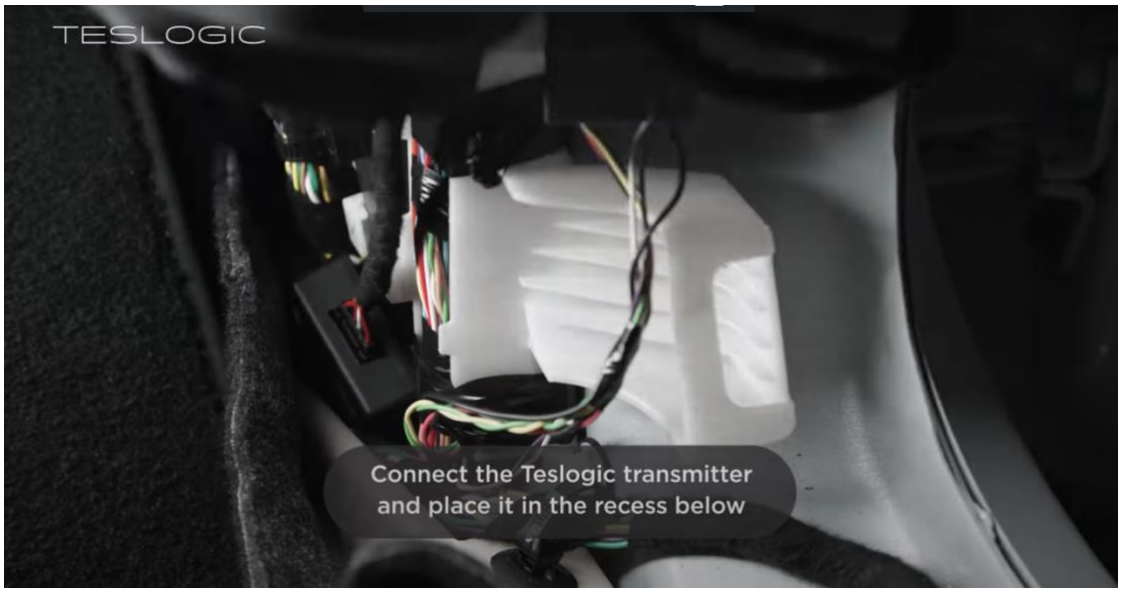
6. Remove the plastic door sill.

7. Disconnect the white connector behind.

8. Connect the Teslogic wiring to the released socket and connector

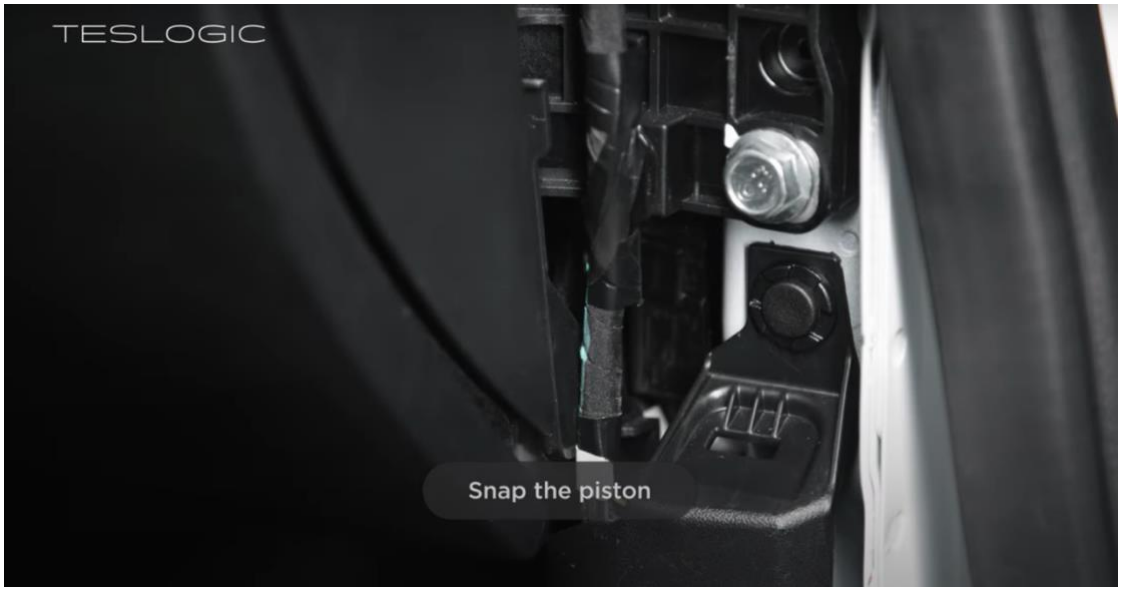
9. Connect Teslogic wiring to the blue connector.

10. Connect the Teslogic transmitter and place it in the recess below.



11. Reinstall the door sill.

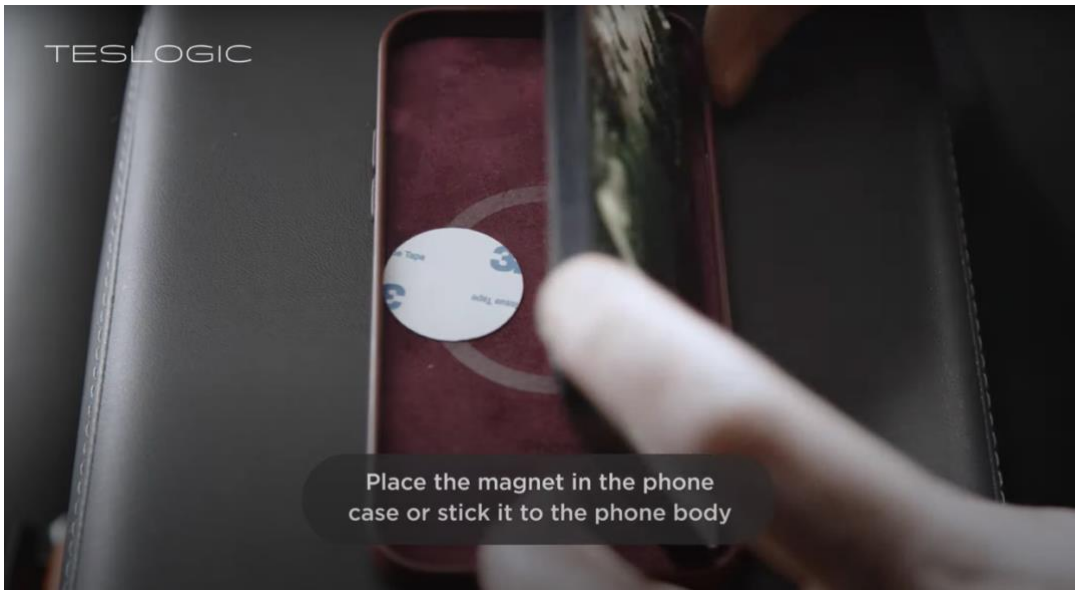
12. Snap the piston.



13. Install the plastic trim and seal.

14. Stick the phone holder on top of the steering column.

15. Place the magnetic ring in your phone case or stick it to the phone body.



Note: For right-hand drive vehicles, the connector is located on the driver's side.

Mobile App Installation and Connection

After connecting the Teslogic transmitter, follow these steps to install the latest version of the Teslogic Dash app on your mobile phone. You can download it from the App Store (for Apple phones/tablets) or Google Play (for Android-based devices).

1. Launch the application.
2. The application will request your permission to use BLE (Bluetooth Low Energy). Click OK to confirm your consent. For a proper BLE connection, we recommend connecting to the transmitter through the app rather than using the phone's Bluetooth manager.
3. Within 2-5 seconds, the app will establish a connection to the transmitter, and you can start using the Teslogic instrument panel.
4. It is possible for two or more users to connect to the app simultaneously.

Using the Mobile App

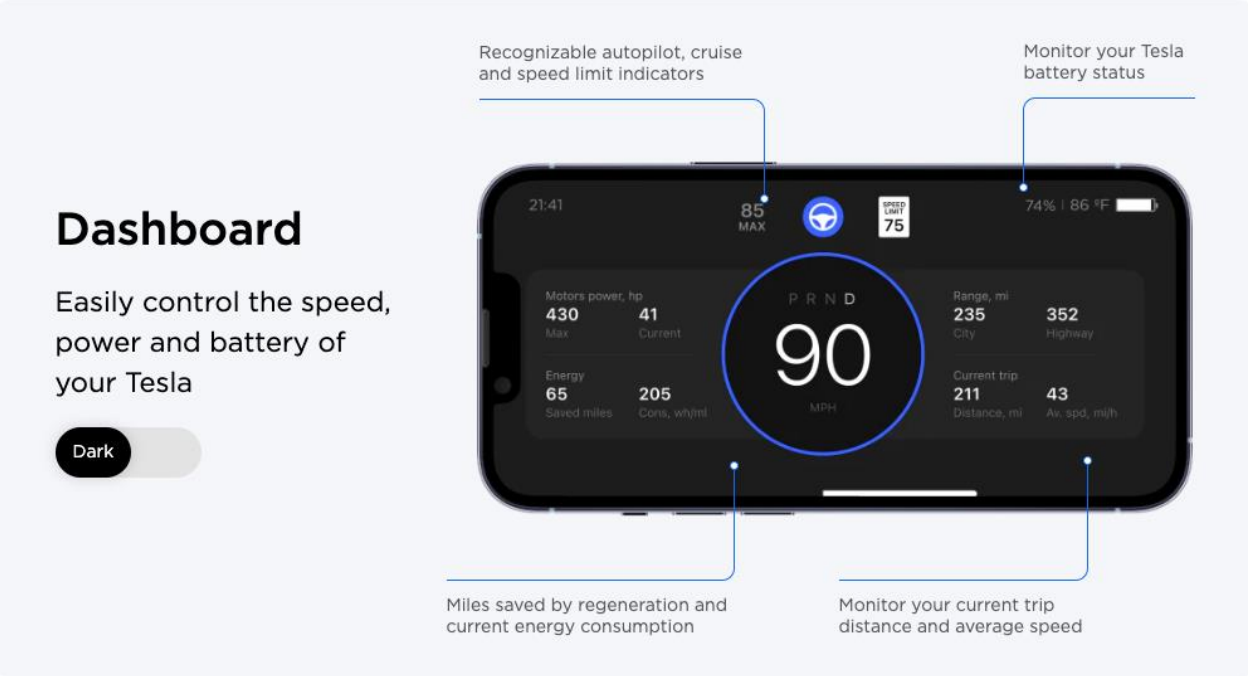
The Teslogic Dash app is continually updated and improved, which means that some features may not be covered in this description.

App Navigation:
The Teslogic Dash app consists of several screens or dashboards that you can switch between. You can do this by swiping or using the right scroll wheel on your steering wheel. By default, this feature works when the autopilot is off, but you can adjust it in the app settings.
You can also customize the sequence of screens and enable/disable specific screens in the app settings. The app's units of measurement synchronize with your Tesla's settings. Similarly to the main Tesla screen, the Teslogic app offers both a light and dark theme, which typically switch in sync with your Tesla's theme. However, you can manually toggle the theme in the app settings.

Main Screen:

- The main screen provides essential information about your current trip, autopilot status, headlights, turn signals, and more. If the turn signal indicator turns red instead of green, it means an object (another vehicle) is detected in your blind spot, requiring your attention.
- By long-pressing on any indicator on the left or right side of the central circle, you can access a menu that allows you to customize which data block and specific information you want to display on the instrument panel.
- Additionally, the main screen offers a "Low Vision Mode," which increases font and element sizes for users with weak vision or those seeking enhanced visual comfort while driving. You can activate this mode in the settings.

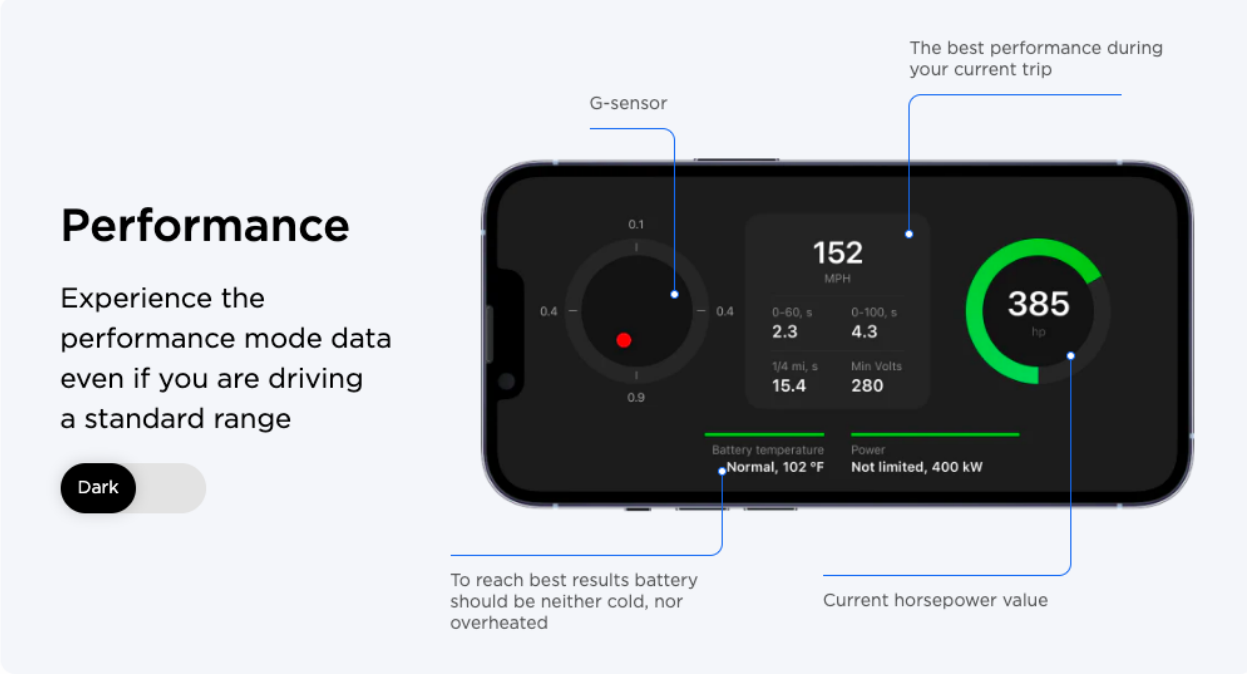
Blind spot warning: Please note that the sensors of the vehicle may not detect all objects situated within the blind spot and there may be no alerts displayed via Teslogic app. It is the driver's responsibility to exercise caution and maintain alertness while changing lanes, by conducting mandatory shoulder checks.



Performance Screen:

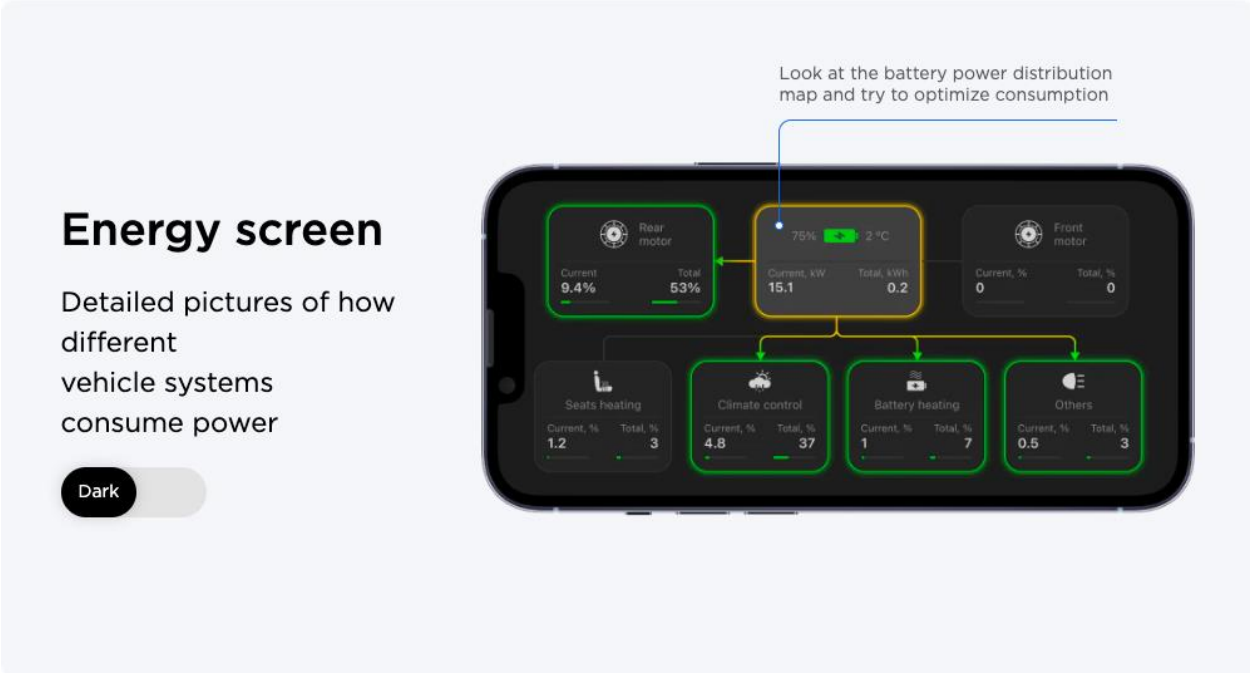
- Designed for enthusiasts, this screen displays a map of directions and acceleration values for your recent trip on the left side.

- In the center, you can find acceleration data from 0 to 60 miles per hour and the quarter-mile sprint. To activate the measurement, you must come to a stop and then accelerate by fully pressing the accelerator pedal.



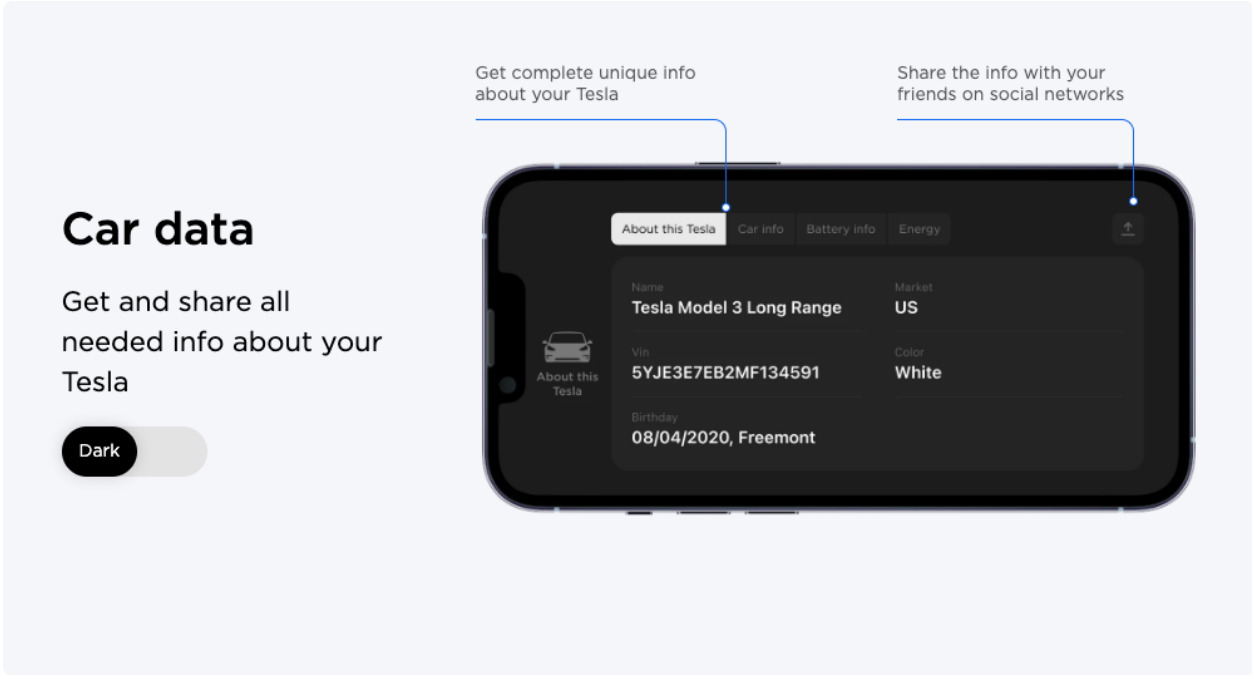
Energy Screen:

- This screen visually illustrates how energy is accumulating in your battery through regenerative braking or charging, as well as how it's distributed among different vehicle systems. It also shows the percentage and kilowatts of energy spent by each consumer during the last trip.



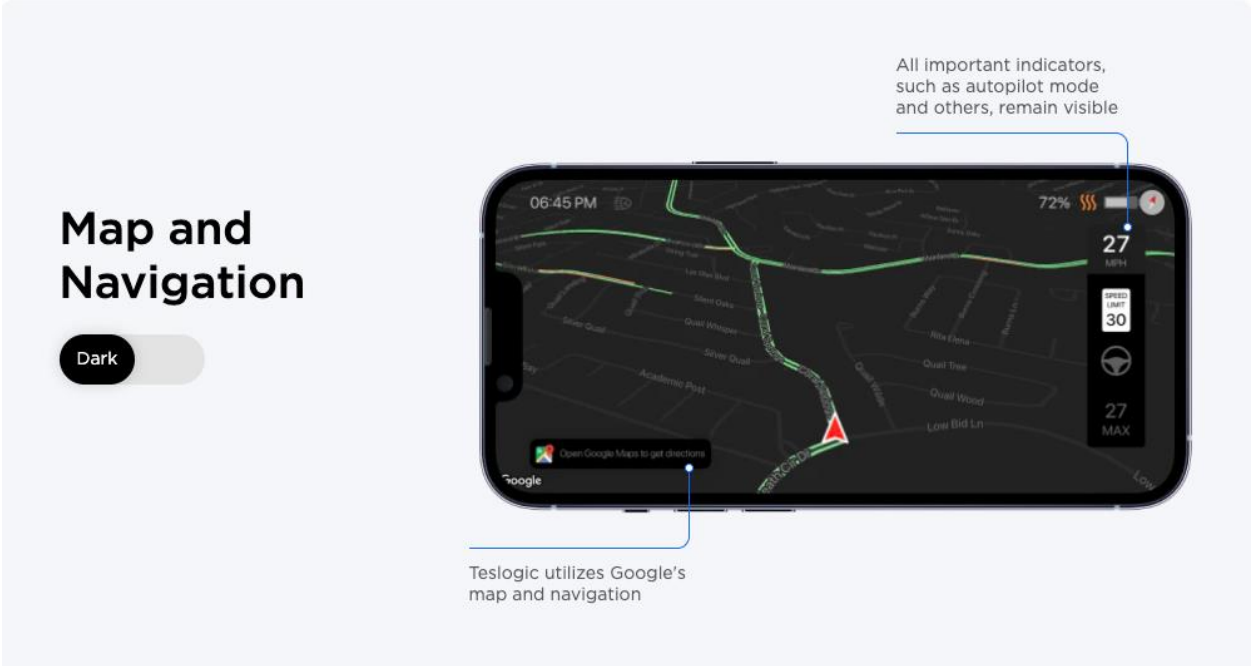
Info Screen:

- Here, you can access comprehensive information about your Tesla. To display the complete VIN number, tap on it. You can switch between informational sections using buttons at the top of the screen. You can also share any information currently displayed on the screen using the "share" button in the upper right corner.



Map Screen:

- Teslogic Dash uses Google Maps for displaying maps and navigation. It overlays a small panel showing your speed and autopilot mode indicators.
- All vehicle messages and turn signals work while in map mode. To set a destination for navigation, you need to use the Google Maps app to set your destination and then share it with the Teslogic Dash app.



Preferences:

- In this section, you can customize various app parameters to suit your preferences.

FCC Statement

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, and

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

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

RF Exposure Information

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

Using Teslogic Shortcuts (Active Control Mode)

Teslogic Shortcuts comprise a collection of convenient commands that enable you to manage auxiliary vehicle systems not found in Tesla's basic functionality. These commands add convenience without affecting the driving process or compromising vehicle safety.

To activate the active control mode, you need to disconnect the Teslogic transmitter and then switch the Active Control toggle to "On" using a pin or another thin object. Afterward, reconnect the transmitter. Upon switching, you'll find an additional screen in the app – Teslogic Shortcuts, where you can activate and customize these commands.

The list of these commands will be continually expanded, and you can access information about each command by tapping the "i" icon next to it.

Additionally, shortcuts can be accessed from the quick menu, which can be triggered on the main screen (via a specific combination). You can customize which commands appear in the quick menu on the Teslogic Shortcuts screen by tapping "Edit Quick Access."

Troubleshooting

- **Message: "Warning! Teslogic isn't receiving data from CAN1 channel."**

  Troubleshooting Steps:

1. Check the Installation Location: Ensure that the device is correctly positioned in its designated location.
2. Verify the Wire Connections: Double-check that all wire connections are securely and correctly in place.
3. Photo Documentation (Recommended): For enhanced troubleshooting support, we strongly recommend capturing a clear photo of the device's connections and wiring setup. Please send this photo to our support team at info@teslogic.co. It will assist us in accurately assessing the situation and providing you with the necessary assistance.

- **Incorrect data within the app**

  If you encounter that the application displays inaccurate data or incorrectly identifies your Tesla model, please record a log using the following instructions:

1. Connect the Teslogic app to your car.
2. Swipe to the left screen with settings.
3. Select the option "Yes, I'm a nerd."
4. Choose "Binary log (*.tbl)" in the "recording logs..." line.
5. Return to the main dashboard screen.
6. You will now see a red circle in the top left corner; please tap it (the circle should blink).
7. Wait for approximately 1 minute and tap the red circle again. A sharing dialog will appear.
8. Choose your email application and send the recorded log to info@teslogic.co. Additionally, in the email, kindly specify your car model (e.g., "Model 3 SR+(LFP)").
9. Please provide us with the information regarding your problem to help us promptly address your issue.

- **Connection issue**

Troubleshooting Steps:

1. Delete and Reinstall the App: Begin by uninstalling the app from your device and then reinstall it.
2. Proper App Connection: Ensure that you connect to the transmitter within the app itself and not through your phone's Bluetooth manager.
3. nRF Connect App Test: If your device still doesn't recognize the transmitter, consider installing the 'nRF Connect' app. Check if this app successfully detects the Teslogic BLE device.
4. Consider trying to connect to the transmitter from another phone. This can help identify whether the problem is specific to your device, ensuring a more effective troubleshooting process.
5. Contact Support: If none of the previous steps resolve the issue, please reach out to our support team at info@teslogic.co. Provide information regarding your phone model and your Tesla model for more specialized assistance.

- **Which side is the connector on RHD vehicles?**

On RHD cars, the connector is located on the driver's side.

Impact on Tesla Warranty

According to the official Tesla Vehicle Limited Warranty document, installing third-party accessories does not void the warranty for the vehicle as a whole. Tesla does not explicitly state that installing third-party accessories voids the vehicle's warranty.

Additionally, Teslogic provides a switch that allows you to enable or disable the active control mode. When this mode is disabled, Teslogic functions as a passive data receiver and does not impact the functionality of your car. In essence, Teslogic is designed to be safe for your vehicle and does not pose any harm.

However, as a precautionary measure, we recommend removing Teslogic from your car before visiting a Tesla service center. This is to prevent any potential issues with the service staff.

Tech Specs

Specification	**Value**
Wireless Transmitter Dimensions	51 x 51 x 20 mm
Connection Wiring Length	115 cm (TT20-21), 40 cm (TT22)
Operating Voltage	12v DC External Power
Bluetooth Compatibility	Bluetooth Low Energy 5.0
Mobile App Compatibility	Teslogic Dash App (AppStore/Google Play)
Mobile Phone / Operational System Compatibility	All Apple mobile devices with iOS 12.2 or higher, all Android devices with version 5.0 or higher. Using older devices, may cause a noticeable decrease in the data exchange rate.
Data Transmission Range	5 m
Maximum Data Transfer Rate	10 kb/s
Operating Temperature Range	-30 c - +50 c
Power Source	12v onboard power
Magnet Phone Holder Compatibility	Any MagSafe-compatible mobile phone, or any mobile phone (when using the included magnetic ring)

Warranty

We stand behind the Teslogic Wireless Transmitter Kit and offer a comprehensive 3-year full warranty. In the unlikely event of any issues or concerns with your kit, please don't hesitate to contact us by e-mail at info@teslogic.co. We are here to assist you and ensure your complete satisfaction with our product. Your peace of mind is our priority, and we are committed to providing timely and effective support should you require it.