ZHNN 8.66 Inch Rear Screen

ZHNN 8.66 Inch Rear Screen for Tesla Model Y (2019-2024) and Model 3 (2019-2023) User Manual

Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your ZHNN 8.66 Inch Rear Screen. This device is designed to enhance the rear passenger experience in compatible Tesla Model 3 (2019-2023) and Model Y (2019-2024) vehicles.

Safety Information

- Ensure the vehicle is powered off before beginning installation to prevent electrical hazards.
- Use only the provided tools and components for installation.
- Avoid excessive force when removing or installing trim pieces to prevent damage.
- Keep the screen away from liquids and extreme temperatures.
- Do not attempt to disassemble or repair the device yourself. Contact customer support for assistance.

Package Contents

Verify that all items are present in your package:

- 8.66 Inch Rear Screen Display
- Power Cable Connector
- RCA Cable
- Power Cable
- Type A to C Adapter



Image: The package contents laid out, showing the 8.66-inch display, various cables, and adapters.

Installation

The installation process requires no drilling, cutting, or modification to the original wiring. A detailed step-by-step video guide is provided below.

Video Guide: How to Install

Video: A step-by-step guide demonstrating the installation of the rear screen in a Tesla Model 3/Y, including removal of the center console panel and connecting the diagnostic support cable.

Key Installation Steps:

1. Carefully remove the rear center console panel using a pry tool.
2. Locate the 26-pin diagnostic connector in the back of the center console.
3. Disconnect the existing USB power cable and connect the provided bypass cable.
4. Remove the lower trim piece of the center console to access the diagnostic port.
5. Connect the new diagnostic support cable to the vehicle's diagnostic port.
6. Route the screen's power cable through the console opening.
7. Connect the screen's cables to the appropriate ports.

8. Tuck excess cables neatly into the available space.
9. Align and firmly press the new rear screen unit into place until it clicks securely.



Image: A visual representation of the easy installation, highlighting the connection of the 26-pin connector without extra wiring.

Setup

Upon successful installation and powering on the device, you will be greeted by the Android 13 interface. Follow these steps for initial setup:

- **Wi-Fi Connection:** Navigate to 'Settings' > 'Wi-Fi' to connect to an available network or mobile hotspot. This is essential for downloading apps and accessing online content.
- **Time Zone Setting:** Adjust the time zone in 'Car Settings' to ensure accurate time display.
- **Language Selection:** Select your preferred language from the system settings.
- **Child Lock Password:** The default child lock password is **8687**. It is recommended to change this password for security.

Operating Instructions

Rear Seat Entertainment System

The 8.66-inch LCD display, with a 1280x800P resolution, runs on Android 13 with 4GB RAM and 64GB storage. This configuration ensures smooth operation for streaming, gaming, and multi-app switching. Connect to Wi-Fi or a mobile hotspot to download supported applications.



Image: The screen showcasing its powerful performance with Android 13, 4GB RAM, and 64GB ROM, suitable for streaming and gaming.

Independent Comfort Control

The touchscreen integrates with your car's infotainment system, allowing rear passengers to control various vehicle aspects:

- **Passenger Seat Control:** Adjust the front passenger seat and backrest.
- **Fan Speed Control:** Adjust the fan speed for rear air conditioning.
- **Rear Seat Heating:** Control independent heating for rear seats.
- **AC Climate Control:** Manage wind speed and temperature.
- **Child Lock:** Activate or deactivate the child lock feature (default password: 8687).



Image: The screen displaying the 4-way airflow control, allowing users to direct air up, down, left, or right.

Wireless CarPlay / Android Auto / Mirrorlink

The rear touchscreen supports wireless CarPlay and Android Auto, providing seamless connectivity for navigation, music, and calls from your smartphone. The Mirrorlink function allows you to mirror your phone's apps and features directly to the rear screen.

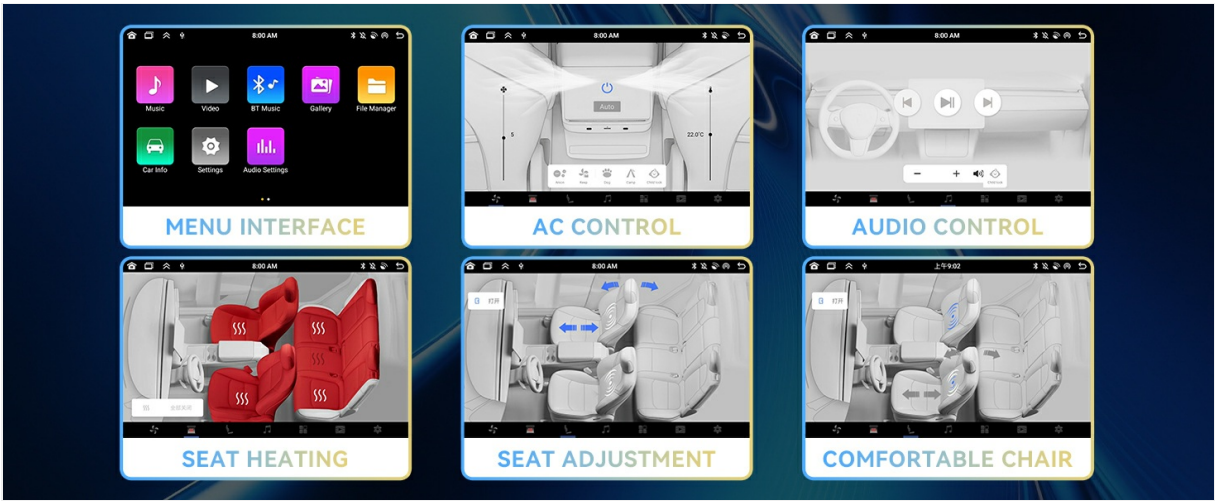


Image: The screen interface displaying icons for Wireless CarPlay and Android Auto, indicating support for these features.

Air Vent Control

The independent air vent allows 4-directional airflow adjustment (up, down, left, right) for personalized comfort. The screen provides controls for wind speed and temperature adjustment.

USB Ports

The unit features two USB ports: one Type-C port for data transmission only, and one Fast Charging port to meet various device charging needs.

Maintenance

- Clean the screen regularly with a soft, lint-free cloth. Avoid abrasive cleaners.
- Ensure all connections are secure and free from debris.
- Keep the air vents clear of obstructions to maintain optimal airflow.

Troubleshooting

- **No Power:** Check all cable connections, especially the diagnostic support cable and power cables. Ensure the vehicle is on.
- **Screen Unresponsive:** Perform a soft reset by pressing the RST button (if available) or restarting the vehicle. Ensure the child lock is not active.
- **Poor Wi-Fi Connection:** Verify your mobile hotspot or Wi-Fi network is active and within range.
- **Airflow Issues:** Check for any obstructions in the air vents. Ensure fan speed is adjusted correctly on the screen.

Specifications

- **Screen Size:** 8.66 Inches
- **Resolution:** 1280 x 800P
- **Operating System:** Android 13
- **RAM:** 4GB
- **Storage:** 64GB
- **USB Ports:** 2 (1x Type-C for data, 1x Fast Charging)
- **Aspect Ratio:** 16:10

- **Screen Surface:** Glossy
- **Compatibility:** Tesla Model 3 (2019-2023), Tesla Model Y (2019-2024)

Warranty and Support

For warranty information or technical support, please refer to the product packaging or contact ZHNN customer service directly. Keep your purchase receipt for warranty claims.