ZHNN 8.66 inches

ZHNN 8.66-inch Rear Screen User Manual

Model: 8.66 inches | Brand: ZHNN

Product Overview

The ZHNN 8.66-inch Rear Screen is a large display designed for Tesla Model 3 (2019-2023) and Model Y (2019-2024) vehicles. It offers easy installation without requiring modifications to the original car. This multi-functional touchscreen provides entertainment for rear seat passengers and allows control over various vehicle aspects, including AC control, rear seat temperature, seat heaters, audio volume, passenger seat adjustment, and fan speed. Featuring an 8.66-inch HD IPS touch screen with a 1280x800P resolution, it ensures clear and sharp visuals. Powered by an Android 13 system with 4GB RAM and 64GB ROM, it delivers a smooth user experience for apps, streaming, music, and games (requires Wi-Fi or hotspot). The unit also includes a larger independent air vent with 4-directional airflow adjustment and a built-in 25W Type-C fast charging port. Additionally, it supports wireless CarPlay and Android Auto, enhancing connectivity and entertainment options for passengers.



Figure 1: The ZHNN 8.66-inch Rear Screen for Tesla Model 3 and Y, showcasing its main interface and integrated air vents.

Setup and Installation

The ZHNN 8.66-inch Rear Screen is designed for straightforward installation, requiring no drilling, cutting, or special wiring. It integrates seamlessly with your vehicle's existing system.

Installation Steps:

1. Carefully remove the original rear air vents from your Tesla Model 3 (2019-2023) or Model Y (2019-2024). This typically involves gently prying them off.
2. Locate the two screws securing the existing assembly and remove them.
3. Connect the provided wiring harness from the new rear screen to the original vehicle's wiring harness. Ensure the white short connector is securely attached, as this is crucial for the front-row charging port functionality.



Figure 2: Ensure the white short connector is properly connected to the vehicle's wiring harness to enable front-row charging.

4. Carefully route the cables to avoid interference with panel clips and ensure a snug fit.
5. Align the new 8.66-inch rear screen assembly with the opening and gently push it into place until it clicks securely.



Figure 3: Visual comparison of the rear console before and after the installation of the ZHNN 8.66-inch Rear Screen.

Operating Instructions

The ZHNN 8.66-inch Rear Screen provides a comprehensive suite of controls and entertainment options for rear seat passengers. The system runs on Android 13 with 4GB RAM and 64GB ROM for smooth performance.

Key Features and Controls:

- **Rear AC Control:** Passengers can adjust the air conditioning, rear seat temperature, and fan speed directly from the touchscreen.



Figure 4: The intuitive interface for controlling rear air conditioning, temperature, and fan speed.

- **Seat Heating Control:** Control the heating for rear seats directly from the display.
- **Passenger Seat Adjustment:** Adjust the passenger's front seat position for increased rear legroom.
- **Entertainment Display:** The 8.66-inch HD IPS screen (1280x800P resolution) is ideal for watching videos and playing games. A network connection (Wi-Fi or hotspot) is required for streaming content.



Figure 5: High-definition display for an immersive entertainment experience.

- **Wireless CarPlay and Android Auto:** Connect your smartphone wirelessly to access navigation, music, and other apps directly on the rear screen.



Figure 6: Seamless integration with Wireless CarPlay and Android Auto for enhanced connectivity.

- **Audio System:** Features built-in dual speakers and synchronizes with the car's audio system. Bluetooth headset support is also available.

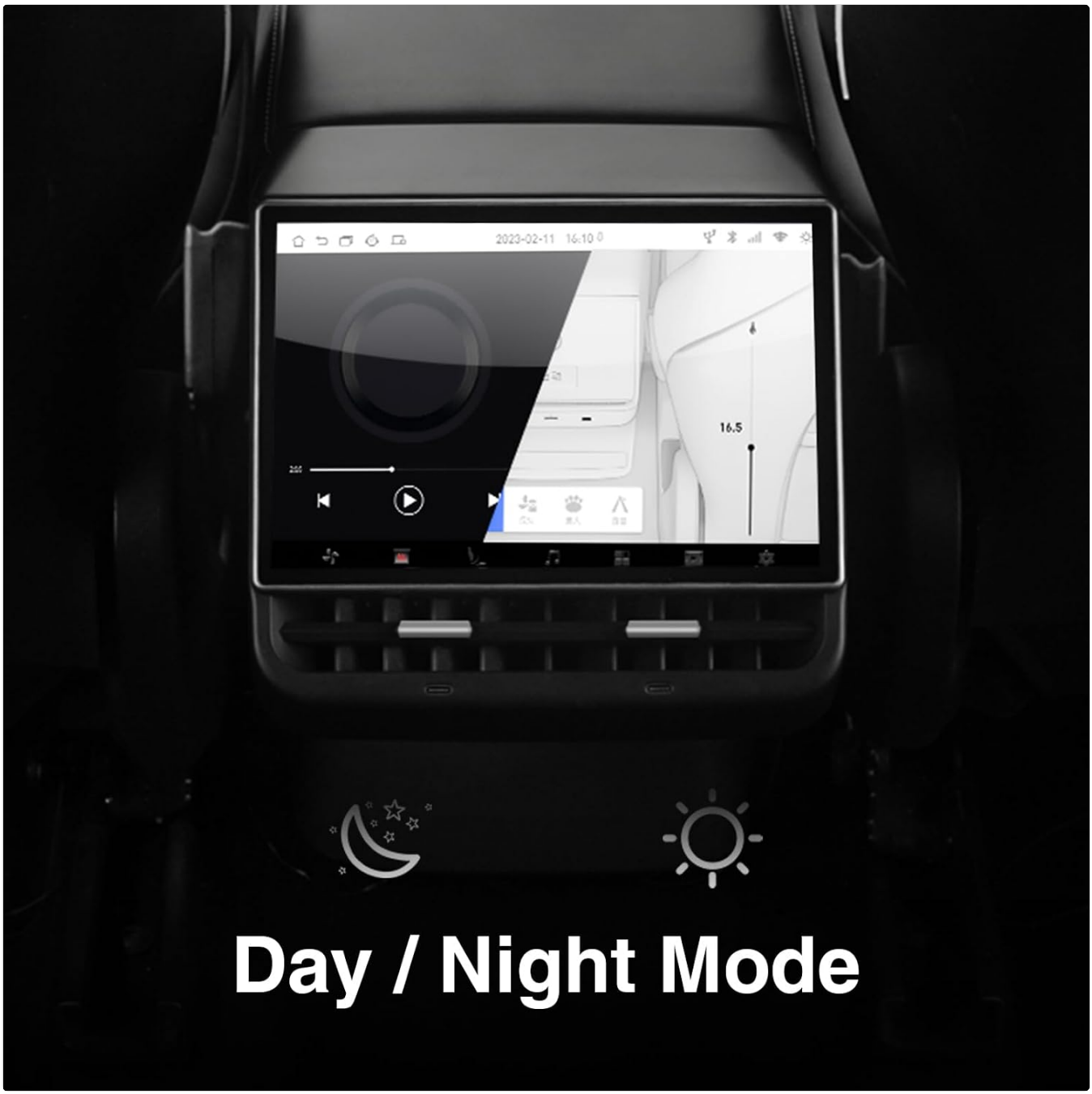


Figure 7: Overview of the integrated audio capabilities.

- **Air Vent and Charging:** The independent air vent allows 4-directional airflow adjustment. A built-in 25W Type-C fast charging port keeps devices powered.



Figure 8: Detail of the upgraded air vent and convenient Type-C fast charging port.

- **Day/Night Mode:** The display supports automatic or manual switching between day and night modes for optimal viewing comfort.



Figure 9: Icons indicating the Day/Night mode feature for display optimization.

- **Air Purification Function:** The system includes an air purification function to enhance cabin air quality.



Figure 10: The main screen interface, highlighting the air purification feature.

Important Time Settings Guide:

The system uses Beijing Time (UTC+8) by default. To set your local time correctly, you MUST complete both steps below:

1. **First:** Navigate to Car Information --> Car Setting --> Time Zone Setting --> Select Your Region --> Confirm.
2. **Second:** Go to Settings --> More Settings --> Date and Time --> Turn Automatic Date and Time OFF.

WARNING: If you only change the time without updating the time zone, it will reset to incorrect time after restarting!

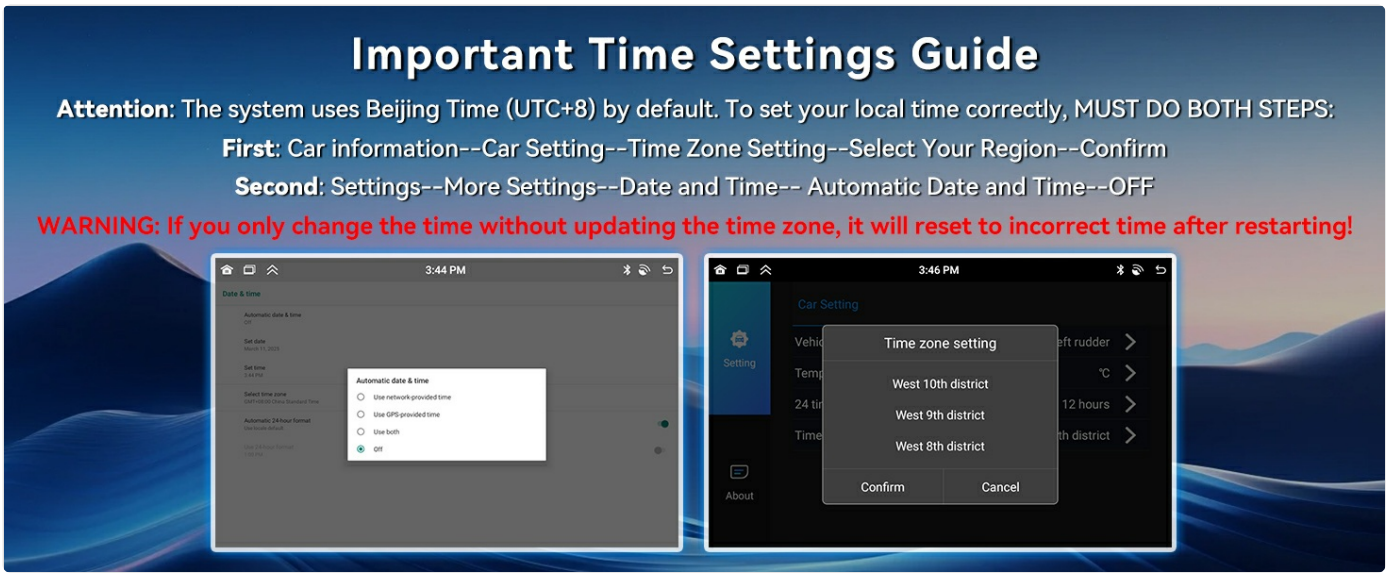


Figure 11: Visual guide for adjusting time zone and automatic date/time settings.

Maintenance

To ensure the longevity and optimal performance of your ZHNN Rear Screen, follow these general maintenance guidelines:

- **Cleaning:** Use a soft, lint-free cloth to clean the screen. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner. Avoid abrasive materials or harsh chemicals.
- **Ventilation:** Ensure the air vents are not obstructed to maintain proper airflow and prevent overheating.
- **Software Updates:** Periodically check for and install any available software updates to ensure the system runs efficiently and securely.
- **Cable Management:** Verify that all cables remain securely connected and are not pinched or damaged, especially after initial installation.

Troubleshooting

This section addresses common issues you might encounter with your ZHNN Rear Screen.

Problem	Possible Cause	Solution
Front-row charging port not working.	The white short connector is not properly connected.	Refer to the "Setup and Installation" section and ensure the white short connector is securely attached to the original vehicle's wiring harness.
Incorrect time displayed after restart.	Time zone not set correctly or automatic date/time is enabled.	Follow the "Important Time Settings Guide" in the "Operating Instructions" section to set the correct time zone and disable automatic date/time.
Certain apps (e.g., Disney+) not compatible or not installing.	Software version incompatibility or regional restrictions.	Ensure the system's software is up to date. Check the app's requirements for Android version compatibility. Some apps may not be optimized for this specific device or region. Consider using alternative streaming methods if available.
Requires phone hotspot for internet access.	The device does not share the vehicle's premium data.	This is expected behavior. The device relies on Wi-Fi or a mobile hotspot for internet connectivity. Ensure your phone's hotspot is active and connected to the screen.
Loss of front screen control for passenger seat adjustment.	Functionality shifted to the new rear screen.	This is a known change in functionality. Passenger seat adjustments are now controlled via the rear screen or the physical controls on the seat itself.

Specifications

Feature	Detail
Display Size	8.66 Inches
Resolution	1280x800P (IPS Technology)
Operating System	Android 13

Feature	Detail
Memory	4GB RAM + 64GB ROM
Connectivity	Wireless CarPlay, Android Auto, USB, Wi-Fi/Hotspot
Charging Port	Built-in 25W Type-C Fast Charging
Air Vent	Independent with 4-directional airflow adjustment
Item Weight	2 pounds
Product Dimensions	9.6 x 9 x 6.76 inches
Model Number	8.66 inches
Manufacturer	ZHNN
Vehicle Service Type	Car (Tesla Model 3 & Y)
Included Components	Rear Screen, Cable



Figure 12: Key specifications of the 8.66-inch Rear Screen.

Warranty and Support

The ZHNN Rear Screen comes with **lifetime technical support**. For any inquiries, troubleshooting assistance, or warranty claims, please contact ZHNN customer service through the retailer's platform or the official ZHNN website.
For additional support, you may refer to the ZHNN Store on Amazon.

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Question

Example: How do I reset this device or fix this error?

Details

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