Wonsidary W622

Wonsidary W622 6.25" Wireless Motorcycle CarPlay & Android Auto Screen Instruction Manual

Model: W622 | Brand: Wonsidary

Introduction

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your Wonsidary W622 6.25" Wireless Motorcycle CarPlay & Android Auto Screen. This device is designed to enhance your riding experience by integrating smartphone functionalities directly onto your motorcycle's handlebars, offering navigation, communication, and entertainment features in a durable, waterproof design.



Image: The Wonsidary W622 6.25" Wireless Motorcycle CarPlay & Android Auto Screen mounted on a motorcycle handlebar, displaying the main interface with various app icons. This image illustrates the product's primary function and placement.

Image: A visual representation highlighting the compatibility of the Wonsidary W622 screen with various motorcycle types, including cruisers, sportbikes, touring bikes, dirt bikes, and ATVs. This demonstrates the product's versatility across different riding styles.

Safety Information

Always prioritize safety while riding. Ensure the device is securely mounted and does not obstruct your view or control of the motorcycle. Operate the device responsibly and avoid distractions. Adhere to all local traffic laws and regulations. Do not attempt to install or service the device while the motorcycle is in motion or running.

What's in the Box

Verify that all components are present and in good condition upon unboxing:

Image: A detailed image showing all components included in the Wonsidary W622 package. This includes the motorcycle CarPlay screen, TPMS sensors, ACC power cable, USB power cable, mounting bracket, spring ring & wrench, and user manual.

- 6.25 inch Smart Display Unit
- TPMS Sensors (x2)
- ACC Power Cable (12V/1A)
- USB Power Cable (5V/2.5A)
- Mounting Bracket Kit
- Anti-theft Spring Lock & Wrench
- User Manual

Unboxing Video

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Video: This video provides a visual guide to unboxing the YZW Motorcycle CarPlay Screen, showcasing all included components and their initial appearance. It helps users confirm package contents.

Setup

1. Mounting the Device

The Wonsidary W622 is designed for easy installation on motorcycle handlebars. Use the provided bracket kit to securely attach the display.

1. Choose appropriate silicone pads based on your handlebar diameter (20mm, 24.5mm, or 29mm). Stack for added thickness if needed.
2. Attach the metal mount to the handlebar using a Phillips screwdriver.
3. Clamp the connecting rod to the metal mount.
4. Insert the device onto the mount and adjust its position for optimal viewing. Tighten the adjustment ring to secure.



Image: A step-by-step visual guide demonstrating the installation of the mounting bracket onto a motorcycle handlebar. It shows how to select pads, attach the mount, connect the rod, and secure the device.

2. Power Connection

The device offers dual power options: ACC hardwire connection or USB input.

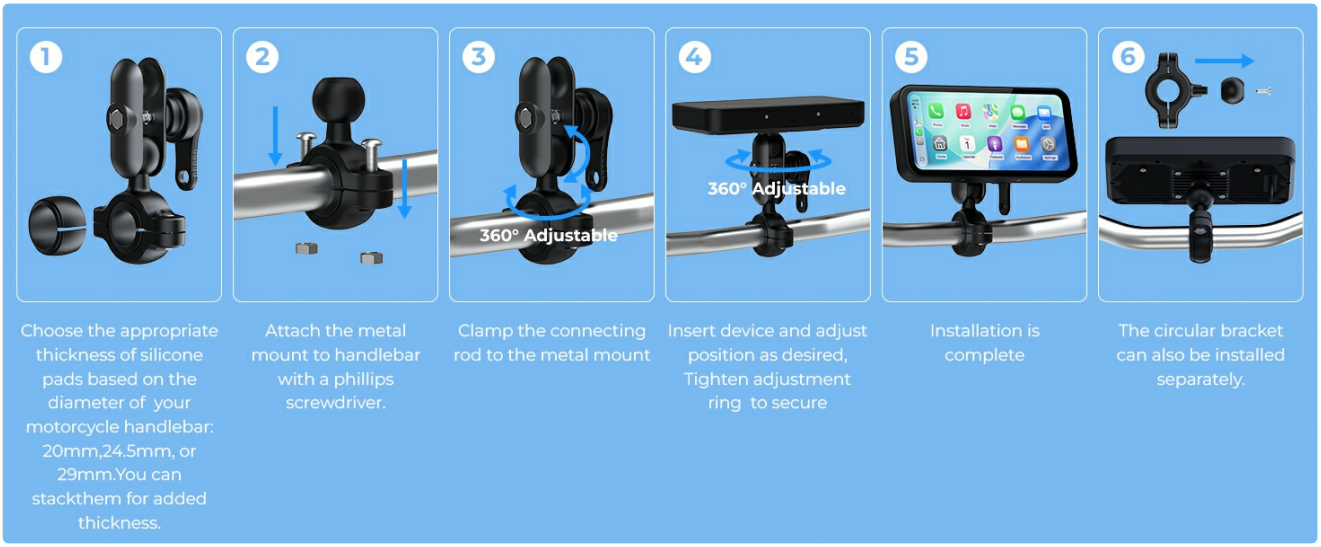


Image: An illustration detailing the two power options for the motorcycle CarPlay screen: USB 5V/2.5A for quick setup and ACC 12V/1A hardwire connection for stable, ignition-controlled power. Wiring diagrams are provided for both methods.

- **ACC 12V/1A Hardwire:** Connect the red wire to the motorcycle battery positive terminal and the black wire to the negative terminal. This option allows the screen to auto-start with ignition.
- **USB 5V/2.5A Input:** Connect the USB cable to a compatible USB port on your motorcycle. Ensure the USB output provides a consistent 5V/2.5A or higher for optimal performance.

3. TPMS Sensor Installation

Install the two included TPMS sensors on your front and rear tires to monitor tire pressure in real-time.



Image: A three-step guide illustrating the installation of the TPMS sensors. Steps include screwing out the valve cap, rotating the nut counter-clockwise, and checking for air leakage with soapy water.

1. Unscrew the valve cap from your tire.
2. Rotate the provided nut counter-clockwise onto the valve stem.
3. Screw the TPMS sensor onto the valve stem.
4. Check for any air leakage using soapy water.

4. Anti-theft Feature

The device includes an anti-theft knob with a quick-release design for security.



Image: A visual explanation of the anti-theft knob and quick-release design. It shows how the knob secures the device and how a special wrench (which can be kept with your keys) is required for removal, deterring theft.

- Once mounted, use the anti-theft knob to secure the device.
- Keep the provided wrench with your keys. The screen cannot be removed without this specific wrench.

Installation and Operation Video

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Video: This video demonstrates the installation process and basic operational features of a motorcycle CarPlay screen, including mounting, power connection, and initial setup. It provides a practical overview for new users.

OPERATING

1. Wireless CarPlay & Android Auto Connection

Connect your smartphone wirelessly to the Wonsidary W622 screen for Apple CarPlay or Android Auto functionality.



Image: A four-step visual guide detailing how to connect an iPhone to the motorcycle CarPlay screen. Steps include opening CarPlay on the device, turning on Bluetooth and Wi-Fi on the phone, searching for the device's Bluetooth name, and confirming the connection.

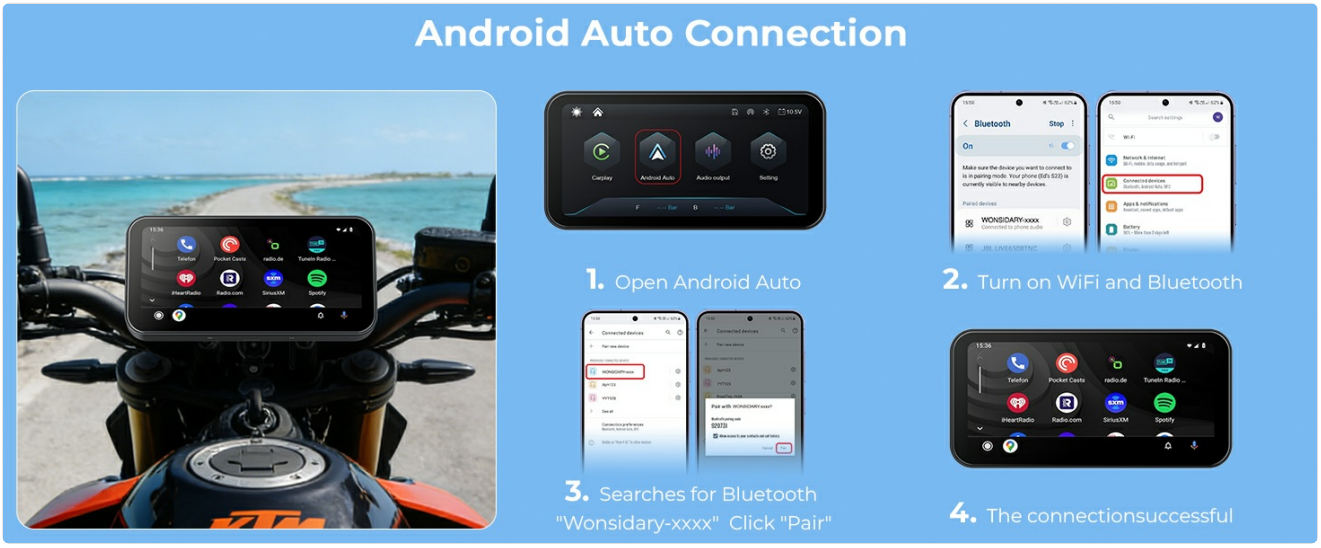


Image: A four-step visual guide detailing how to connect an Android phone to the motorcycle CarPlay screen. Steps include opening Android Auto on the device, turning on Bluetooth and Wi-Fi on the phone, searching for the device's Bluetooth name, and confirming the connection.

- On the W622 screen, select either 'CarPlay' or 'Android Auto'.
- On your smartphone, enable Bluetooth and Wi-Fi.
- Search for the device's Bluetooth name (e.g., 'Wonsidary-xxxx') and pair.
- Confirm the pairing request on both devices.
- *Note:* Huawei phones and phones running HarmonyOS are incompatible with Android Auto.

2. Brightness Control & Display Modes

The screen features an intelligent light sensor and supports both portrait and landscape orientations.



Image: An illustration showing the intelligent light sensor automatically adjusting screen brightness for day and night conditions. It also highlights timed brightness adjustment settings for eye protection.

- **Automatic Brightness:** The built-in light sensor automatically adjusts screen brightness based on ambient light conditions.
- **Manual Brightness:** Adjust brightness manually through the settings menu.
- **Scheduled Brightness:** Set specific times for automatic brightness adjustments (e.g., dimming at night).
- **Portrait/Landscape Switch:** The screen supports both portrait and landscape modes. Adjust the mounting bracket to switch orientations as preferred.

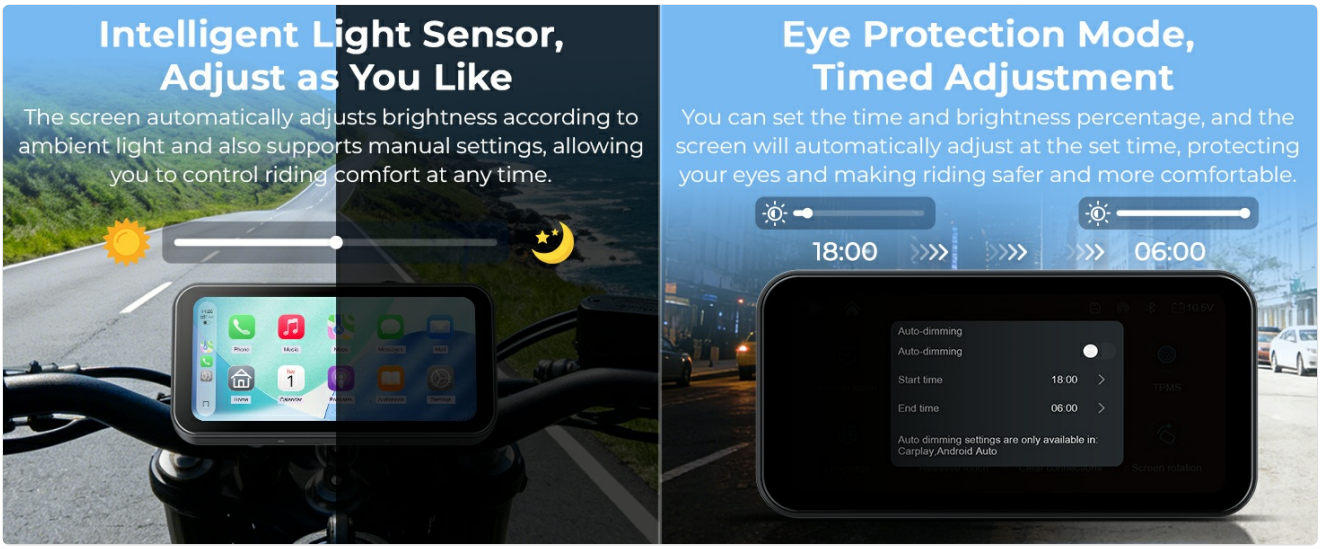


Image: A split image showing the motorcycle CarPlay screen in both landscape and portrait orientations on a motorcycle handlebar, demonstrating the customizable rotation feature for different driving needs.

3. Bluetooth Audio

Enjoy seamless audio by connecting your smartphone to the W622 screen and then to your Bluetooth headset or helmet.



Image: An illustration showing the seamless Bluetooth audio connection flow: smartphone connects to the Wonsidary W622 screen, which then connects to a Bluetooth headset or helmet for calls and music playback.

- Pair your smartphone to the W622 via Bluetooth.
- Pair your Bluetooth headset or helmet to the W622.
- Ensure your headset/helmet has a built-in microphone for calls and voice control.

4. GPS Navigation & Voice Control

Utilize integrated GPS navigation and voice control features for a safer riding experience.



Image: An illustration showcasing GPS navigation on the motorcycle CarPlay screen, along with examples of voice commands for Siri and Google Assistant for hands-free control of navigation, music, and messaging.

- Access navigation apps (e.g., Google Maps, Apple Maps) through CarPlay/Android Auto.
- Use Siri or Google Assistant for hands-free commands, such as setting destinations, making calls, or playing music.

5. Split-Screen Function

View navigation and music simultaneously with the split-screen feature.



Image: A visual representation of the split-screen function on the motorcycle CarPlay screen, displaying a navigation map on one side and music playbook controls on the other, allowing for simultaneous use.

6. Customizable Startup Logo

Personalize your device with a custom startup logo.



Image: An illustration showing the customizable startup logo feature, with various motorcycle brand logos displayed, indicating that users can personalize the device's boot screen.

- Contact Wonsidary support to request a custom startup logo. Provide the desired image, and they will set it as your device's boot logo.

Features Overview Video

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Video: This video provides a comprehensive overview of the motorcycle CarPlay screen's features, demonstrating its various functionalities and user interface. It helps users understand how to navigate and utilize the device's capabilities.

MAINTENANCE

1. Waterproofing & Climate Resilience

The W622 is built to withstand harsh environmental conditions.



Image: A composite image showcasing the Wonsidary W622 screen's durability in various weather conditions: IP67 waterproof design in rain, resistance to high temperatures in sunny conditions, and functionality in snow and extreme cold.

- **IP67 Waterproof:** The device is fully submersible and dust-proof.
- **Temperature Resilience:** Operates reliably in temperatures from -4°F to 158°F (-20°C to 70°C).
- **Glove-Touch Operation:** The high-sensitivity capacitive touchscreen is optimized for use with gloves.

2. Cleaning

To clean the screen, use a soft, damp cloth. Avoid abrasive cleaners or solvents that may damage the display.

3. Software Updates

The device supports free software updates to ensure optimal performance and access to new features.

- Check the device settings periodically for available software updates. Follow on-screen instructions to install.

Troubleshooting

1. CarPlay/Android Auto Connection Issues

- Ensure Wi-Fi and Bluetooth are enabled on your smartphone and the W622.
- Verify that your phone is not connected to other Bluetooth devices that might interfere.
- Restart your smartphone and the W622.
- Delete previous pairings on both devices and attempt to reconnect.

2. Power Issues

- If using USB power, ensure your USB output delivers a consistent 5V/2.5A or higher.
- Check all cable connections for looseness or damage.
- If using ACC hardwire, verify the connections to the motorcycle battery are secure and correct.

3. TPMS Alerts



Image: A visual showing the motorcycle CarPlay screen displaying real-time tire pressure and temperature from the built-in TPMS system, with two tire sensors illustrated. This highlights the safety feature of monitoring tire conditions.

- If you receive an abnormal tire pressure alert, safely pull over and inspect your tires.
- Ensure TPMS sensors are correctly installed and paired with the device.

Specifications

Item Weight	1.46 pounds
Package Dimensions	8.23 x 4.45 x 4.09 inches
Item Model Number	W622
Display Size	6.25 Inches
Voice Command	Microphone, Touchscreen
Connectivity Technology	Bluetooth, Wi-Fi
Special Features	Auto/Manual Brightness with Timer, Built-in TPMS with Dual Sensors, CarPlay/Android Auto, Portrait/Landscape Switch, ACC & USB Dual Power, Touchscreen, IP67 Waterproof
Operating Temperature	-4°F to 158°F (-20°C to 70°C)

Warranty & Support

Wonsidary offers a 12-month warranty for your GPS navigation device. For any questions or concerns, dedicated technical support is available. Your satisfaction is our top priority, and all inquiries will be resolved with a 100% satisfactory solution within 24 hours.

Contact Wonsidary support for assistance with product issues, technical guidance, or custom startup logo requests.