

GTRUI MT686

GTRUI 6.86-Inch Wireless Motorcycle CarPlay GPS Navigation System User Manual

Model: MT686

1. INTRODUCTION

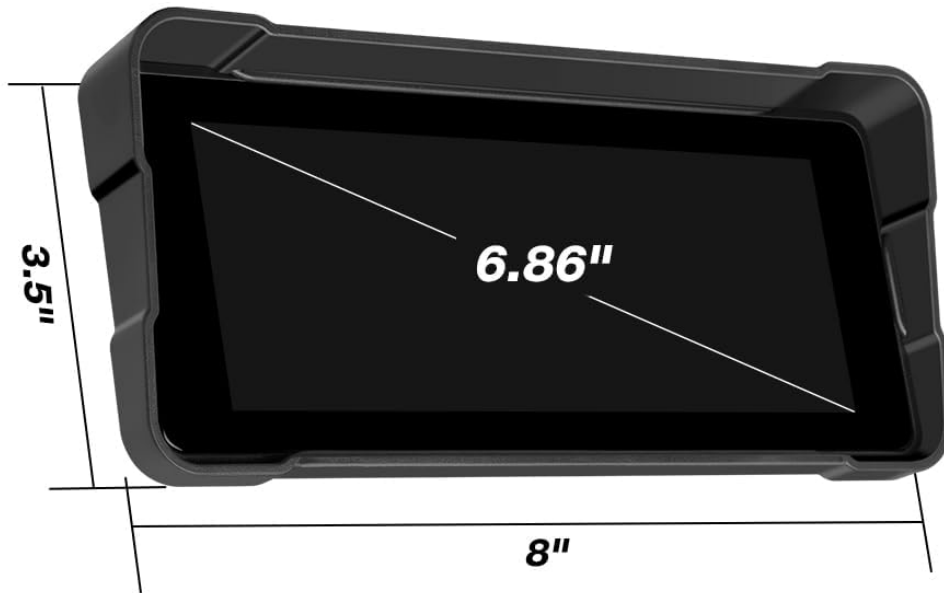
Thank you for choosing the GTRUI 6.86-Inch Wireless Motorcycle CarPlay GPS Navigation System. This device is designed to enhance your riding experience by integrating smartphone functionalities like navigation, music, and communication directly onto your motorcycle's handlebars. It supports both Apple CarPlay and Android Auto, offering a safe and convenient way to access essential features on the road. This manual provides detailed instructions for installation, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your device.

2. WHAT'S IN THE BOX

Please verify that all components are present in the package:

- 1x 6.86 inch Motorcycle CarPlay Screen
- 1x Power cable
- 1x User Manual
- 2x Mount Brackets (U-shaped Support, Extension Rod)

In the Box



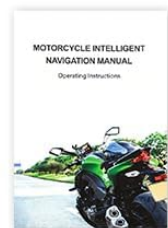
U-shaped Support



Extension Rod



Power Cable



Manual

Image: All components included in the product packaging.

3. SPECIFICATIONS

Brand	GTRUI
Model	MT686
Screen Size	6.86 Inches

Display Type	IPS LCD
Resolution	1280*480
Peak Brightness	Up to 1000 nits
Connectivity	Dual Bluetooth 5.0, Wi-Fi
Special Features	Wireless CarPlay, Android Auto, Voice Control, Waterproof (IPX8), Built-in EQ
Operating System	Linux
Mounting Type	Handlebar Mount
Waterproof Rating	IPX8
Operating Temperature	-4°F to 158°F (-20°C to 70°C)

4. SETUP AND INSTALLATION

The GTRUI Motorcycle CarPlay System is designed for straightforward installation on most motorcycles. Follow these steps to mount and power your device:

4.1 Mounting the Device

- 1. Choose a Location:** Select a suitable location on your motorcycle's handlebars or another secure point for mounting. The system includes a U-shaped support and an extension rod for flexible positioning.
- 2. Attach the Bracket:** Use the provided bracket kit to securely mount the MT686 to your motorcycle. Ensure the mount is firm and stable to prevent movement during operation.
- 3. Adjust Angle:** Adjust the screen angle to your preference for optimal visibility and glare reduction.



Image: Examples of handlebar and screw-hole installation locations.

4.2 Power Connection

Connect the power cable to your motorcycle's electrical system:

- The **red cable** should be connected to an ACC +12V power source. This ensures the device powers on and off with your motorcycle's ignition.
- The **black cable** should be connected to a GND (ground) point.

Ensure all connections are secure and properly insulated to prevent short circuits or damage.

5. OPERATING INSTRUCTIONS

The GTRUI system offers seamless integration with your smartphone for navigation, communication, and entertainment.

5.1 Wireless CarPlay & Android Auto

The device supports both wireless Apple CarPlay and Android Auto. This allows you to access your phone's apps safely while riding.

1. **Initial Pairing:** On your smartphone, search for and pair with the device's Bluetooth name (e.g., "Car-Bt_****"). Both wireless CarPlay and Android Auto connections work via Wi-Fi, which is initiated after the Bluetooth pairing.
2. **Automatic Connection:** Once paired, the system will automatically connect to your phone when the device is powered on.



Image: Wireless Apple CarPlay interface on the screen.

5.2 Dual Bluetooth Connectivity

The GTRUI system features dual Bluetooth 5.0, allowing two simultaneous connections:

- One Bluetooth connection is for pairing your mobile phone to enable CarPlay/Android Auto, Bluetooth music, and calls.
- The second Bluetooth connection is for pairing with a Bluetooth helmet or earphone, allowing you to hear navigation

instructions and music wirelessly.

Connecting to a Bluetooth Helmet/Earphone:

1. Ensure your phone is already paired for CarPlay/Android Auto.
2. On the GTRUI screen, navigate to the "BT Ear" setting.
3. Search for available Bluetooth devices and select your helmet/earphone from the list.
4. Confirm the connection. You should now hear audio through your helmet/earphone.



Image: Steps for connecting a Bluetooth helmet to the system.

5.3 Voice Control (Siri & Google Assistant)

Utilize voice commands for hands-free operation:

- Activate Siri by saying "Hey Siri" or Google Assistant by saying "OK Google".
- You can then issue commands for navigation, making calls, sending messages, playing music, and more.



Image: Using voice commands with Siri or Google Assistant for various functions.

5.4 Screen Features

- **6.86-Inch IPS Touch Screen:** The high-definition screen (1280*480 resolution) provides clear visuals.
- **1000 Nit Brightness:** Ensures visibility even in direct sunlight.
- **Day/Night Brightness Mode:** Automatically or manually adjust screen brightness for optimal viewing conditions.
- **Built-in EQ:** Customize your audio experience through the integrated equalizer settings.



Other



Upgraded 6.86 Inch Screen



- ✓ Screen size: 6.86 inches
- ✓ High Definition Resolution: 1280*480 wide
- ✓ Screen brightness: 1000 nits

Image: The 6.86-inch screen size and high-definition display.

6. MAINTENANCE

Proper care ensures the longevity and performance of your GTRUI system.

6.1 Cleaning

- Use a soft, lint-free cloth to clean the screen and device body.
- For stubborn marks, lightly dampen the cloth with water or a screen-safe cleaner. Avoid harsh chemicals.

- Do not spray cleaning solutions directly onto the screen.

6.2 Waterproofing

The device has an IPX8 waterproof rating, providing protection against water and dust. It is designed to operate reliably in various weather conditions, including rain.



Image: The device's IPX8 waterproof design.

6.3 Temperature Range

The system is built to function effectively in temperatures ranging from -4°F to 158°F (-20°C to 70°C).

7. TROUBLESHOOTING

If you encounter issues with your GTRUI system, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Device does not power on	Incorrect power connection, loose cable	Check that the red cable is connected to +12V ACC and the black cable to GND. Ensure all connections are secure.
CarPlay/Android Auto not connecting	Bluetooth not paired, Wi-Fi interference, phone settings	Ensure your phone's Bluetooth and Wi-Fi are enabled. Re-pair your phone with the device. Check phone settings for CarPlay/Android Auto permissions.
No audio from helmet/earphone	Helmet/earphone not paired, volume too low	Go to the "BT Ear" setting on the device and ensure your helmet/earphone is connected. Check volume levels on both the device and your helmet/earphone.
Screen unresponsive or glitching	Software issue, temporary glitch	Restart the device by cycling the motorcycle's ignition. If the issue persists, contact support.
Battery drain when motorcycle is off	Device remains powered on	If the device is wired directly to a constant power source, it may remain on. Consider wiring to an ignition-switched power source or manually disconnecting power when not in use for extended periods.

8. WARRANTY INFORMATION

The GTRUI 6.86-Inch Wireless Motorcycle CarPlay GPS Navigation System comes with a **1-Year Manufacturer Warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

Please retain your proof of purchase for warranty claims.

9. CUSTOMER SUPPORT

For technical assistance, warranty claims, or any questions regarding your GTRUI product, please contact us via Amazon email. Our professional technical support team will respond as soon as possible to assist you.

We are committed to providing excellent customer service and ensuring your satisfaction.