

RUIST



Motorcycle Carplay HD Touch Screen

MOX Series User Manual V1.0

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Dear users:

Thank you very much for choosing this product. In order that you can get a better using experience, we suggest you read this manual carefully.

This product upgrades your motorcycle's wired CarPlay system to a wireless CarPlay connection, allowing you to enjoy a more convenient in-vehicle smart experience with support for voice navigation, music playback, phone calls, and more. If you have any questions during use or would like more detailed product information, please feel free to contact us at support@ruist.net — the Sovgaro customer service team is always here to help you.

MOX 50 Product Specifications

Size	139.4x81.1x38mm
Screen	5.0Inch 480x854IPS
Weights	190g
Screen brightness	800nits
Interface	TF Card/Type-C
Power Supply	12V Spring thimble
Work power range	12~24V
Working current	MAX 2A
Oprating	-20°C~+70°C
Waterproof level	IP67
WiFi	2.4G/5G
Dual Bluetooth	Bluetooth 5.1/5.2
TF Card Expansion	MAX 64GB
Transducers	Microphones

***Note:** Please read the model from the outer packing box

MOX 61 Product Specifications

Size	177*99*54.7mm
Screen	6.1Inch 720x1440IPS
Weights	307g
Screen brightness	1000nits
Interface	TF Card/Type-C
Power Supply	12V Spring thimble
Work power range	12~24V
Working current	MAX 2A
Oprating	-20°C~+70°C
Waterproof level	IP67
WiFi	2.4G/5G
Dual Bluetooth	Bluetooth 5.1/5.2
TF Card Expansion	MAX 64GB
Transducers	Microphones

***Note:** Please read the model from the outer packing box

MOX 68 Product Specifications

Size	192x120.9X58.05mm
Screen	7.0Inch 600x1024IPS
Weights	395g
Screen brightness	500nits
Interface	TF Card/Type-C
Power Supply	12V Spring thimble
Work power range	12~24V
Working current	MAX 2A
Oprating	-20°C~+70°C
Waterproof level	IP67
WiFi	2.4G/5G
Dual Bluetooth	Bluetooth 5.1/5.2
TF Card Expansion	MAX 64GB
Transducers	Microphones

***Note:** Please read the model from the outer packing box

MOX 70 Product Specifications

Size	200x91.4x54.5mm
Screen	6.8Inch 480x1280IPS
Weights	330g
Screen brightness	500nits
Interface	TF Card/Type-C
Power Supply	12V Spring thimble
Work power range	12~24V
Working current	MAX 2A
Oprating	-20°C~+70°C
Waterproof level	IP67
WiFi	2.4G/5G
Dual Bluetooth	Bluetooth 5.1/5.2
TF Card Expansion	MAX 64GB
Transducers	Microphones

***Note:** Please read the model from the outer packing box

Parts List

Moto Carplay Screenit



Magnetic connectors



Ring Bracket



Composite Double Socket Arm



Power Cable





TF Card



Tire pressure detector



Silicone Gaskets



Nut

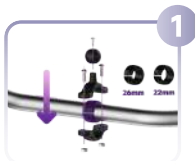


Spanner



Special screwdriver

Bracket installation



Choose the right thickness of silicone pads according to the diameter of the motorcycle

Handlebar: 22mm, 26mm

Use a special screwdriver to fix the annular bracket onto the handlebar



Adjust the bracket angle for screen installation, then tighten screws to provide an adjustable connection base.



Insert the screen onto the magnetic connector of the bracket, ensure a secure connection to prevent falling off during riding



Adjust the screen angle to a proper position



Installation completed, check if the overall structure is stable



Install tire pressure detector

- 1 First screw in the anti-tamper ring.



- 1 Tighten the sensor.



- 1 Tighten the anti-tamper ring counterclockwise to hold against the sensor.

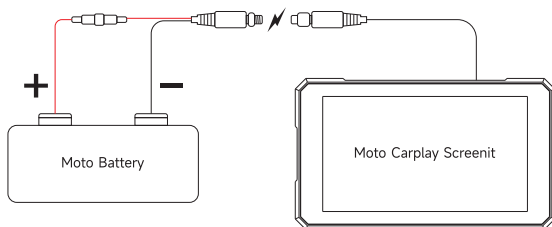


- 1 After holding the sensor, use a wrench to tighten the anti-tamper ring counterclockwise.



Please keep the special installation tool for the sensor (anti-tamper nut wrench) in the vehicle at all times for use when disassembling and installing the sensor.

Power supply connection



— Power Wire (Red)
— Ground Wire (Black)

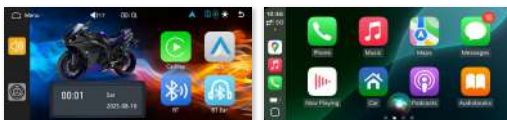
+ Moto Battery Positive Terminal
- Moto Battery Negative Terminal

Screen interface indication



CarPlay connection

Click on the  application icon to enter the application interface, and connect device according to the prompts and personal needs



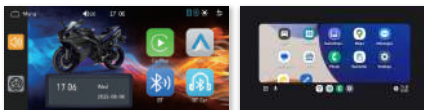
- 1 Choose the CarPlay Mode.
- 2 Open iPhone settings and find the Bluetooth page, then find and connect to the Bluetooth "CAR-BT_XXXX".
- 3 Agree to Pair.
- 4 When the pop-up window on the phone displays "Use iPhone for CarPlay?", choose the option to use CarPlay.
- 5 Once connection is successful, the device will automatically switch to the CarPlay page.



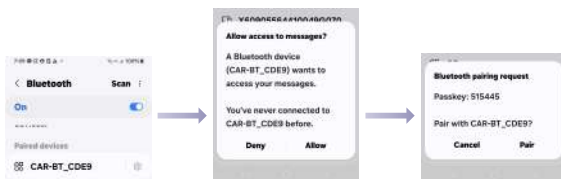
Connection Instruction Diagram

Android Auto connection

Click on the  application icon to enter the application interface, and connect device according to the prompts and personal needs.



- 1 Choose the Android Auto mode
- 2 Open Android phone settings and Bluetooth, Find and connect to bluetooth "CAR-BT_XXXX".
- 3 Agree to Pair.
- 4 Agree to Allow
- 5 Connection successfully, device will automatically switch to Android Auto page.



Connection Instruction Diagram

Wireless Tire Pressure Sensor Pairing

- 1 Remove the existing valve stem cap from the motorcycle tire.
- 2 Click the (warning icon with an exclamation mark) to enter the TPMS setting interface.
- 3 Click "unpaired" to change to "Pairing" status, and then install the tire pressure sensor on the tire valve stem. (Note: Do not install front and rear wheels at the same time for pairing)

TPMS Interface



Pairing



Pairing successful



Common Troubleshooting

1. Failure to Power On

Check if the nut of the power interface is tightened.

2. Unresponsive Touch Control

Check if the touch screen is damaged. Do not touch the screen with sharp objects to avoid damage.

3. Machine Overheating and Lagging

Please avoid direct sunlight for a long time. When the temperature is too high, the device will automatically protect and suspend work until the temperature of the machine recovers before it can resume work.

4. Carplay Fails to Connect

- (1) Only iPhone supports Carplay.
- (2) Check if both the WiFi and Bluetooth switches of the phone are turned on.
- (3) Go to Settings - General - CarPlay in the phone, delete all records and reconnect.

5. Android Auto Fails to Connect

- (1) Android Auto is not supported on mobile phones in Chinese Mainland.
- (2) Check if both the WiFi and Bluetooth switches of the phone are turned on.
- (3) Go to Settings - General - Android Auto in the phone, delete all records and reconnect.

6. Tire Pressure Sensor Pairing Unsuccessful

- (1) Simultaneous pairing of front and rear wheels is not supported; only one sensor can be paired at a time.
- (2) Check if the sensor is tightened.

Terminal After-sales Warranty Terms

1. If a fault occurs under normal use within one year from the date of purchase due to manufacturing or component problems, it is within the warranty scope, except for consumable parts.
2. Please fill in this warranty card correctly.
3. During the warranty period, maintenance fees will be charged at discretion in the following situations:
 - (1) Faults caused by improper use, operational negligence, or failure to install in accordance with our company's guidance;
 - (2) Machines repaired, adjusted, or modified by maintenance centers or personnel not designated by our company;
 - (3) Faults caused by using equipment that is not our company's product;
 - (4) Faults caused by natural disasters such as flood, fire, and earthquake;
 - (5) Damage occurring during the product's return for repair or in transit;
 - (6) Any products or accessories not sold by our company are not within the warranty scope.
4. All man-made damage faults will not be covered by the warranty, such as breakage, etc.
5. Please keep this warranty card properly. If lost, it will not be reissued.
6. This warranty card is only valid for domestic products.
7. The warranty period of this product refers to the relevant regulations on national electronic products. If a fault occurs after three years of use and our company has no spare parts in stock, we regret that we cannot provide service.

Terminal After-sales Warranty Card

Serial Number:

ID Number	
Warranty Period	Purchase Date:
Customer Name	
Address	
Telephone	
Warranty Period	
Address	
Telephone	
Dealer	

*This card is the basic certificate for warranty. Please fill in this card carefully and keep it properly.

Serial Number:

ID Number	
Warranty Period	Purchase Date:
Customer Name	
Address	
Telephone	
Warranty Period	
Address	
Telephone	
Dealer	

*This card is the basic certificate for warranty. Please fill in this card carefully and keep it properly.

For more detailed information, please visit our official website.



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RUIST

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FCC ID: 2BRHI-MOX

FCC Statemen

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.

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. Changes or modifications not expressly approved by the party responsible for compliance could void the user's

authority to operate the equipment

***RF warning for Mobile device:**

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 & your body.

