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› Biorunn 9 Inch Touchscreen Stereo Head Unit Instruction Manual for Mazda 6 (2016-2018)

Biorunn 9 Inch Touchscreen Stereo Head Unit (4-Core, 2GB RAM, 64GB ROM)

Biorunn 9 Inch Touchscreen Stereo Head Unit Instruction Manual

Model: 4-Core, 2GB RAM, 64GB ROM for Mazda 6 (2016-2018)

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Biorunn 9 Inch Touchscreen Stereo Head Unit. Please read this manual thoroughly before installation and use to ensure proper functionality and safety. This unit is designed specifically for Mazda 6 models from 2016, 2017, and 2018.

2. SAFETY INFORMATION

- Ensure the vehicle's ignition is off and the battery is disconnected before beginning installation.
- Professional installation is recommended to avoid damage to the unit or vehicle.
- Do not operate the unit in a manner that distracts you from driving. Always prioritize road safety.
- Avoid exposing the unit to extreme temperatures or direct sunlight for prolonged periods.
- Refer to your vehicle's owner's manual for specific instructions regarding dashboard component removal.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- Biorunn 9 Inch Touchscreen Stereo Head Unit

- Power Cable
- RCA Cable
- Reversing Camera (if included in your specific package)
- Microphone (MIC)
- GPS Antenna
- USB Cables (x2)
- Wiring Harnesses for specific vehicle integration



BT music



Caller ID

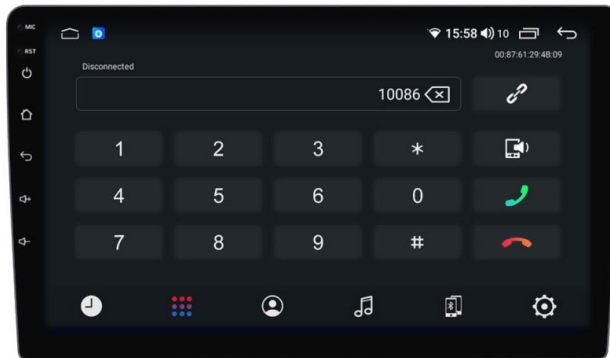


Image: Illustration of the Biorunn head unit and its accompanying accessories, including various cables, a microphone, and a GPS antenna.

4. SETUP AND INSTALLATION

Before installation, ensure your vehicle's firmware version is 70.00.324 or above for optimal compatibility. If not, update your vehicle's infotainment system firmware first.

4.1 Pre-Installation Check

- Verify compatibility with your Mazda 6 (2016-2018) and its original screen configuration.
- Disconnect the vehicle battery.



Note: This is fit for Mazda 6 2016-2018 with Original screen, please check the dashboard carefully before purchase, thanks.

Image: A visual comparison showing the car's dashboard before and after the Biorunn head unit installation, highlighting the integrated appearance.

4.2 Wiring Diagram

Follow the detailed wiring diagram for correct connections. Ensure all plugs are securely connected.

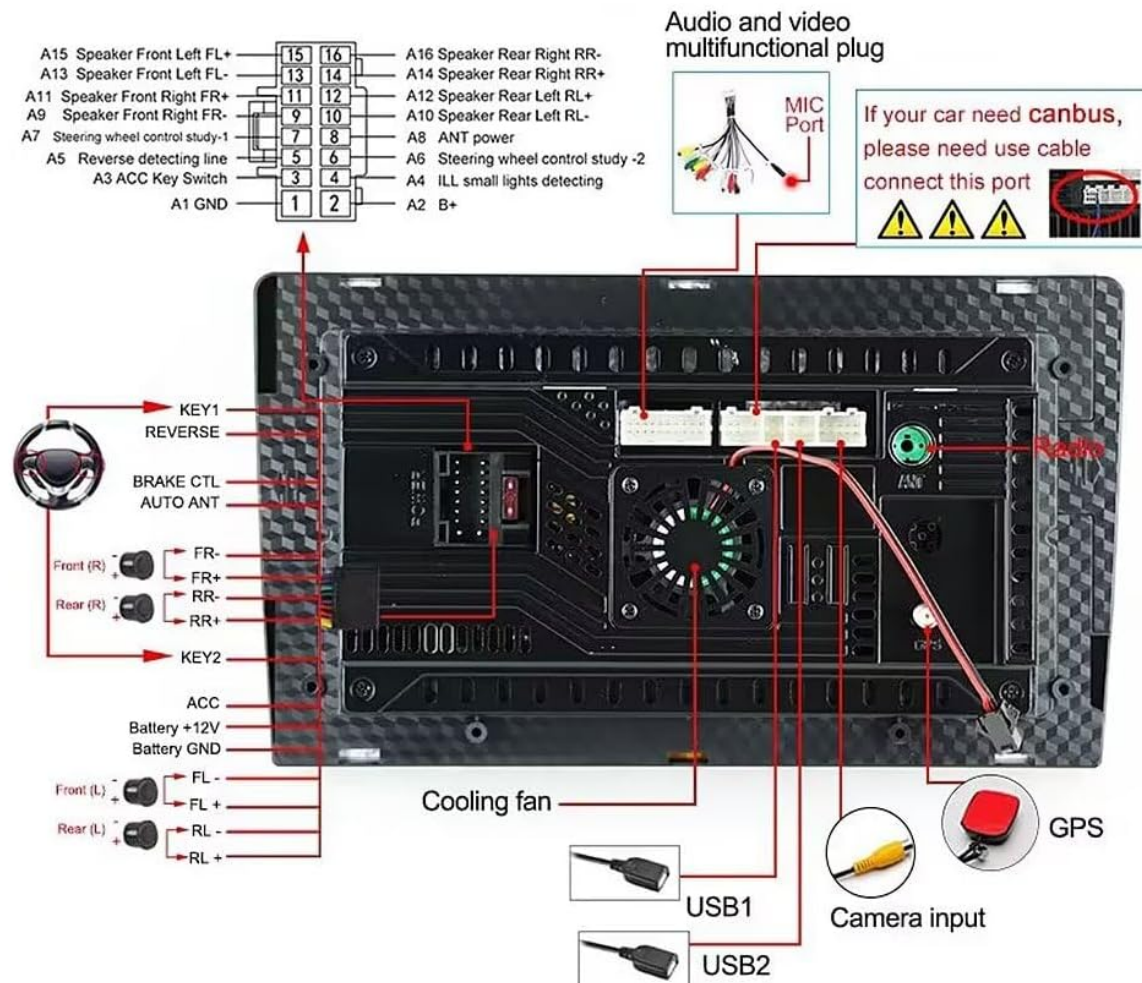


Image: A comprehensive diagram illustrating the various ports and connections on the rear of the head unit, including power, audio/video, USB, camera input, GPS, and cooling fan.

4.3 Connecting the USB Module (if applicable)

If your vehicle requires a new USB module for CarPlay/Android Auto functionality, replace the existing module in the center console. Ensure the correct cables are routed and connected to the head unit.

Your browser does not support the video tag.

Video: This video demonstrates the user interface and features of the 4-Core, 2GB RAM, 64GB ROM head unit, including navigation, music playback, and general system responsiveness.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

Press the power button on the unit's left side to turn it on or off. The unit will typically power on with the vehicle's ignition.

5.2 Wireless CarPlay / Android Auto

The unit supports both wireless and wired CarPlay/Android Auto. To connect:

1. Ensure Bluetooth is enabled on your phone.
2. On the head unit, open the 'Tlink5' application.
3. Follow the on-screen prompts to pair your phone via Bluetooth for wireless connection.



Image: Visual guide showing the connection steps for Wireless CarPlay and Android Auto, emphasizing Bluetooth pairing and the 'Tlink5' app.

5.3 GPS Navigation

Utilize the built-in GPS navigation system for turn-by-turn directions. The unit supports various navigation applications which can be downloaded from the Play Store.

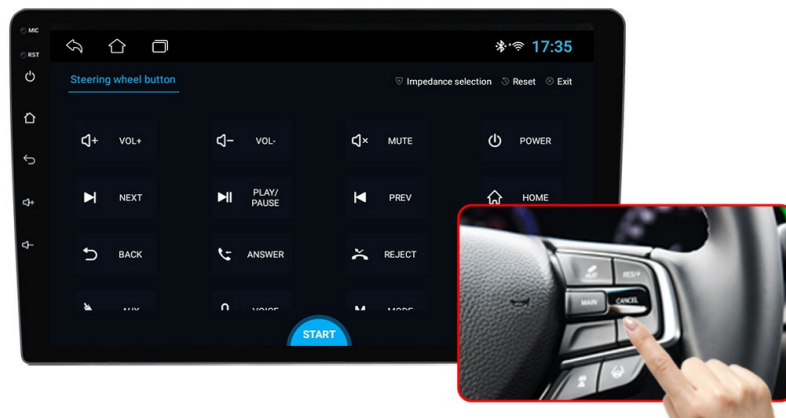
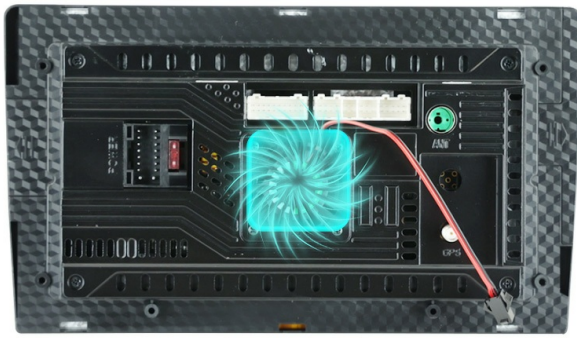


Image: A screenshot of the head unit displaying a GPS navigation map with route information and a green checkmark indicating successful navigation.

5.4 Bluetooth Functions

Connect your mobile phone via Bluetooth for hands-free calling, phone book access, and music streaming.



There is no cooling fan

cpu_thermal_zone	91.0°C
gpu_thermal_zone	89.0°C

With cooling fan

cpu_thermal_zone	57.0°C
gpu_thermal_zone	57.0°C

Image: The head unit displaying the Bluetooth phone interface with a dial pad and a separate image showing Bluetooth music playback, indicating seamless integration.

5.5 FM Radio with RDS

Access FM radio with 18 preset stations. The Radio Data System (RDS) provides additional information like station name and song title.

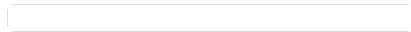


Image: The head unit displaying the FM radio interface, showing frequency tuning, preset stations, and RDS information with musical notes in the background.

5.6 Reversing Video Input

The unit supports reversing camera input. Connect a compatible camera (not included) to view the rear of your vehicle when in reverse gear.

24 Hours Technical Support:

Step 1

In Stock

Quantity: 1

Add to Cart

Buy Now

Ships from Amazon

Sold by RongNan International

Returns

Payment

Step 2

About Seller

RongNan International: We have been focusing on Car multimedia player over 10 years, continue to develop different styles of car radio after listening to customers' preferences. If you are a car and travel lover, don't miss us.

Reminder: If you have any other questions, please feel free to reach us directly at [redacted], we will reply within 24 hours!

Kindly Advised: 99.99% problems can get a solution, please don't return the product before contact us, thanks!

Have a question for RongNan International?

Ask a question

Image: The head unit displaying a reversing camera view with parking guidelines, showing a car backing up in a parking garage.

5.7 Steering Wheel Control (SWC)

The unit supports original steering wheel remote control functions. Configure the SWC settings in the unit's menu to match your vehicle's controls.

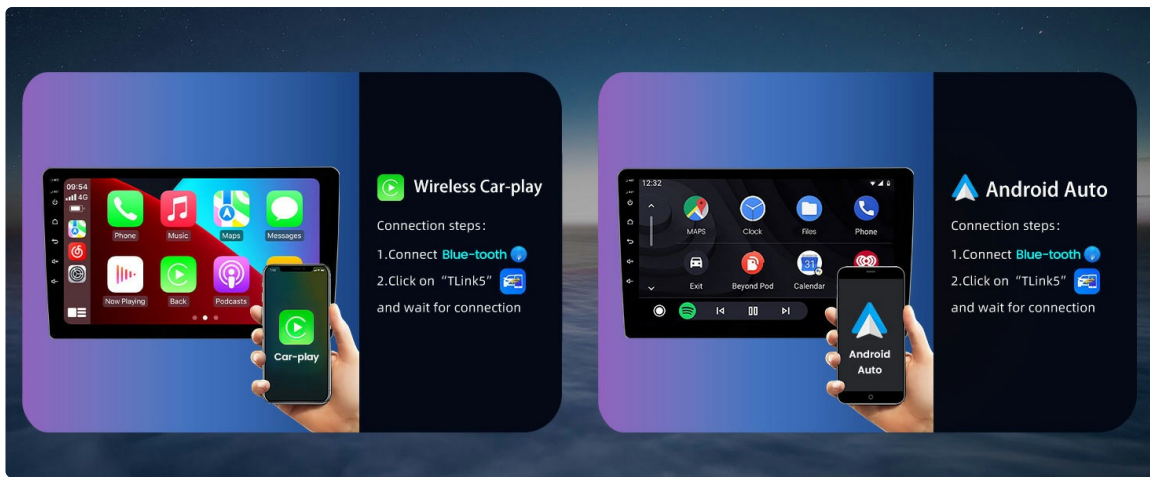


Image: The head unit displaying a virtual steering wheel control mapping interface, with an inset image of a hand pressing a steering wheel button.

5.8 Split Screen Functionality

The split screen feature allows two applications to be displayed simultaneously, enhancing multitasking capabilities.

Support split screen

Support for two applications to be displayed on the screen at the same time which makes the operation more convenient and faster

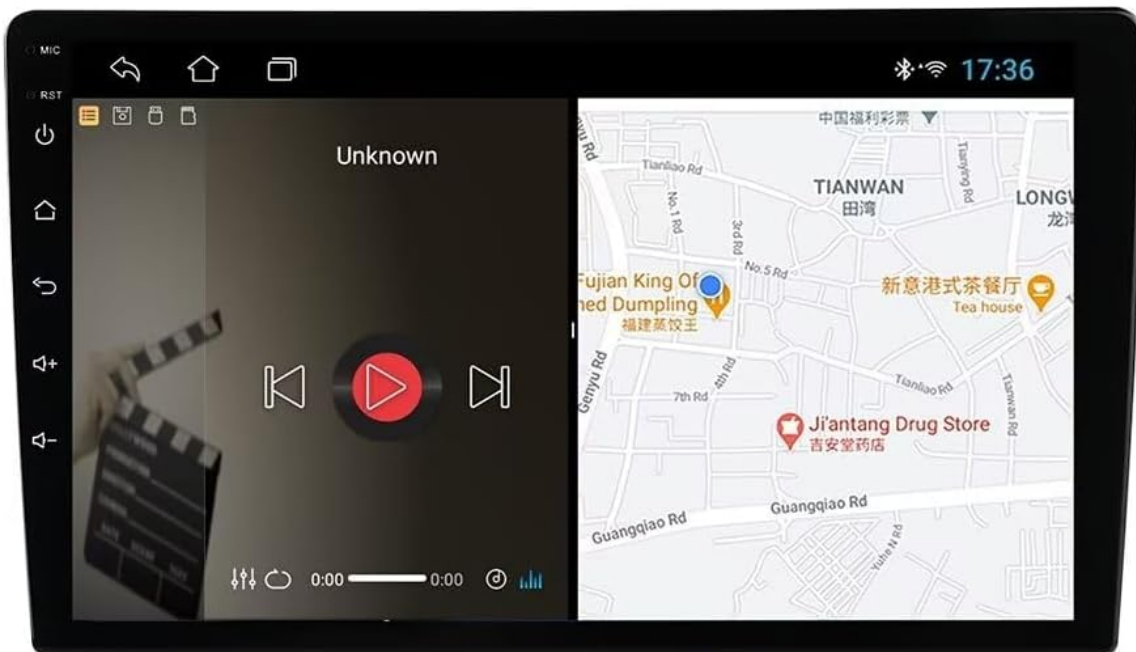


Image: The head unit displaying a split screen, with a media player on one side and a navigation map on the other, demonstrating simultaneous application usage.

5.9 Equalizer Settings

Adjust audio output with the built-in equalizer. Note: The equalizer function may not be available on all 4-Core models. If this feature is critical, consider an 8-Core radio variant.

6. MAINTENANCE

- Clean the touchscreen with a soft, lint-free cloth. Avoid abrasive cleaners.
- Keep the unit free from dust and debris.
- Ensure proper ventilation around the unit to prevent overheating. The unit includes a cooling fan for thermal management.



Image: A comparison showing the internal temperature of a head unit without a cooling fan (91.0°C CPU, 89.0°C GPU) versus with a cooling fan (57.0°C CPU, 57.0°C GPU), highlighting the fan's effectiveness.

7. TROUBLESHOOTING

- **No Audio/Poor Sound Quality:** Check all wiring connections. Consider installing a noise filter if experiencing buzzing or static.
- **CarPlay/Android Auto Not Connecting:** Ensure Bluetooth is on and the 'Tlink5' app is open. Try reconnecting the USB cable if using a wired connection. Verify phone compatibility.
- **Steering Wheel Controls Not Working:** Access the unit's settings to configure or re-map the steering wheel controls.
- **Unit Not Powering On:** Check power cable connections and vehicle's fuse box.
- **Touchscreen Unresponsive:** Perform a soft reset using the RST button (if available) or power cycle the unit.

8. SPECIFICATIONS

Feature	Specification
Display Size	9 Inches
Display Resolution	1280x720
Operating System	Android 13
RAM	2GB
ROM	64GB
Processor	4-Core
Connectivity	Wireless (Bluetooth, WiFi), USB
Special Features	Bluetooth, Touchscreen, Wireless Android Auto, Wireless Car-play, GPS Navigation, FM Radio RDS, Steering Wheel Control
Audio Output Mode	Stereo
Mounting Type	Dashboard Mount
Item Weight	4.14 pounds
Package Dimensions	16.61 x 13.82 x 5.35 inches

9. WARRANTY

This Biorunn Stereo Head Unit comes with a 1-year warranty from the date of purchase. Please retain your proof of purchase for warranty claims. For extended protection, 2-Year and 3-Year Protection Plans are available for purchase separately.

10. SUPPORT

For technical assistance or any questions regarding your Biorunn product, please contact RongNan International, the seller. They offer 24-hour technical support and aim to respond to inquiries within 24 hours. It is recommended to contact support before returning the product, as many issues can be resolved with guidance.

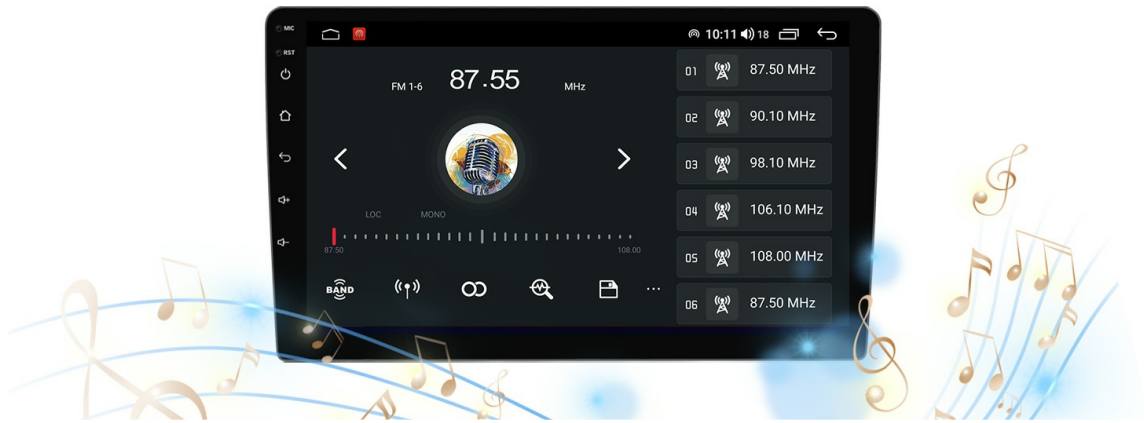


Image: A graphic illustrating how to access technical support by clicking 'Ask a question' on the seller's page, emphasizing 24-hour response time.