EONON M3BLX7

Eonon M3BLX7 Car Stereo Android 14 Receiver User Manual

For Mazda 3 (2010-2013)
Brand: EONON | Model: M3BLX7

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Eonon M3BLX7 Android 14 Car Stereo Receiver. This unit is specifically designed for Mazda 3 models manufactured between 2010 and 2013, offering seamless integration and enhanced in-car entertainment and navigation features. Please read this manual thoroughly before installation and use to ensure proper functionality and safety.

Figure 1.1: Eonon M3BLX7 Car Stereo Receiver

2. WHAT'S IN THE BOX

Verify that all components are present before beginning installation:

- A0125 Reversing camera *1
- Power cable *1
- GPS antenna *1
- USB adapter cable *2
- Audio/video adapter cable *2
- Reverse video input cable *1
- 15A fuse *1
- External microphone *1
- CANBUS *1
- Manual *1
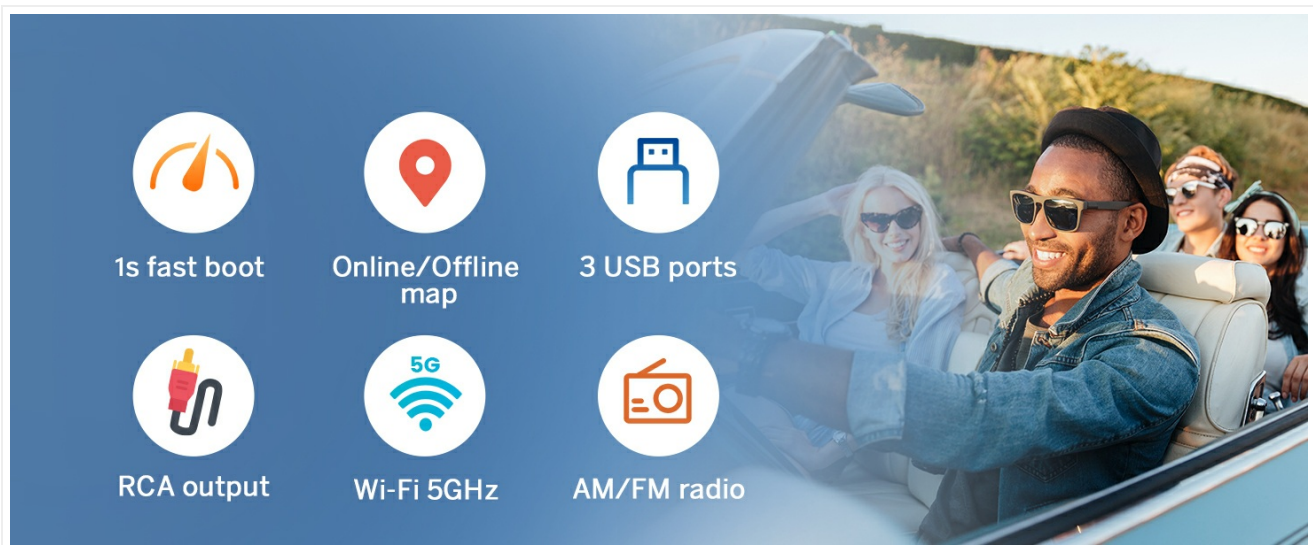- Double-sided adhesive sticker *1
- AUX adapter cable *1

Figure 2.1: Included Components

3. Setup & Installation

The M3BLX7 head unit is designed for plug-and-play installation in Mazda 3 models from 2010-2013. No additional frame or cable modifications are typically required. The included CANBUS supports most original vehicle functions, including steering wheel controls (SWC) and the factory LCD screen.

3.1 Pre-Installation Checks

- Ensure the vehicle's ignition is off and the battery is disconnected.
- Confirm compatibility with your Mazda 3 (2010-2013).
- Verify all components listed in Section 2 are present.

3.2 Removal of Factory Unit

Carefully pry off the air vent housing from the top to access the OEM stereo. Remove any securing screws and unclip the electrical connectors from the back of the factory unit. Gently slide out the old stereo.

3.3 Wiring Connections

Connect the provided wiring harness to the M3BLX7 unit and the vehicle's existing connectors. Ensure all connections are secure. Refer to the wiring diagram for specific connections.

Figure 3.1: Wiring Diagram

3.4 Unit Installation

Slide the M3BLX7 unit into the dashboard opening. Ensure it fits securely. Reattach any removed trim pieces. Reconnect the vehicle battery.

3.5 Optional Accessories Installation

- **Backup Camera (A0125 included):** Connect the backup camera to the dedicated input. The unit supports HD 720P/1080P backup camera input.
- **Front Camera (not included):** Connect a front camera to the designated input if desired.
- **OBD Scanner (V0056 not included):** Connect an OBD scanner for vehicle diagnostics and real-time data.

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Video 3.1: Installation Guide for Eonon Car Stereo in Mazda 3 (2010)

This video demonstrates the installation process of an Eonon car stereo in a 2010 Mazda 3, including removal of the old unit and connection of the new one.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

The unit powers on automatically with the vehicle ignition. To manually power off or restart, use the designated power button on the unit or within the system settings.

4.2 User Interface and Navigation

The M3BLX7 runs on the Android 14 operating system, providing a responsive and intuitive touchscreen experience. It features a 9-inch IPS display with 1280x720 resolution and a 178° viewing angle for clear visibility.

Figure 4.1: 9-inch IPS Display Features

4.2.1 Split-Screen Functionality

The unit supports split-screen mode, allowing you to run two applications simultaneously, such as navigation and media playback. Windows are adjustable for size.

4.2.2 Customizable Themes

Choose from multiple UI themes to personalize the appearance of your stereo. Day and Night modes are supported for optimal visibility.

Figure 4.2: Customizable UI Themes

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Video 4.1: New UI Features and Split-Screen Functionality

This video demonstrates the new user interface, split-screen media and navigation, adjustable windows, vertical volume control, and the fixed bottom shortcut bar.

4.3 Wireless CarPlay & Android Auto

The M3BLX7 supports both wireless and wired Apple CarPlay and Android Auto. This allows for hands-free control of music, navigation, phone calls, and messages via voice commands (Siri or Google Assistant).

Figure 4.3: Wireless Apple CarPlay & Android Auto

4.3.1 Wireless Apple CarPlay Connection

1. Click the Zlink5 app on the car stereo.
2. Turn on Wi-Fi and Bluetooth on your iPhone.
3. Find 'EONON' in your phone's Bluetooth device list and pair it. Once connected, tap 'Use CarPlay'.
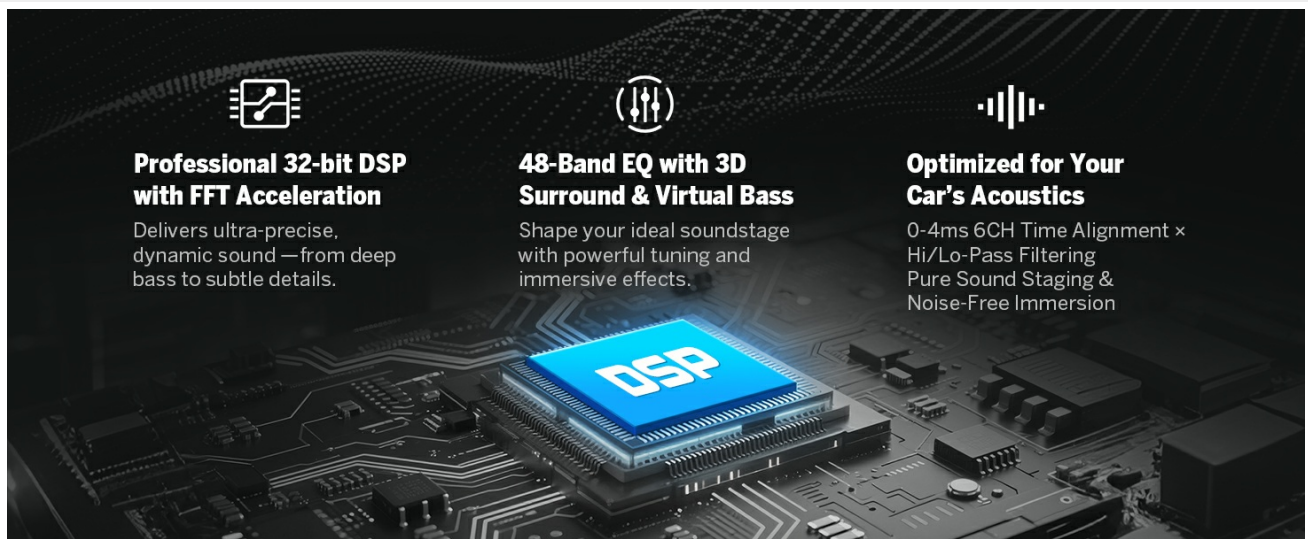4. Wait a few seconds to complete the connection.

Figure 4.4: Wireless Apple CarPlay Connection Steps

4.3.2 Wireless Android Auto Connection

1. Click the Zlink5 app on the car stereo.
2. Turn on Wi-Fi and Bluetooth on your Android phone.
3. Find 'EONON' in your phone's Bluetooth device list and pair it.
4. Wait a few seconds to complete the connection.

Figure 4.5: Wireless Android Auto Connection Steps

4.4 Screen Mirroring

Mirror apps from your smartphone onto the car stereo display.

4.4.1 Screen Mirroring for iOS

1. Click the Zlink5 app on the car stereo, set the car stereo to iPhone wireless screen mirroring mode.
2. Turn on the iPhone hotspot, and connect to the car stereo.
3. Turn on the iPhone screen mirroring function and select "zj-airplay".

Figure 4.6: iOS Screen Mirroring Steps

4.4.2 Screen Mirroring for Android

1. Click the Zlink5 app on the car stereo, set the car stereo to Android wireless screen mirroring mode.

2. Turn on the phone's hotspot, and connect to the car stereo.

3. Install the Zplus app on your phone. Turn on the app and select "wireless connection".

Figure 4.7: Android Screen Mirroring Steps

4.5 Audio Features

The unit includes a built-in amplifier (4x45W output) and a 36-band equalizer for sound customization. It supports Bluetooth audio, FM/AM radio, and AUX audio input.

Figure 4.8: 36-Band Graphic Equalizer

5. MAINTENANCE

5.1 Cleaning

Use a soft, dry cloth to clean the screen and unit exterior. Avoid abrasive cleaners or solvents that could damage the surface.

5.2 Firmware Updates

The unit supports over-the-air (OTA) firmware updates to fix software issues and enhance security. Access the 'Updater' app on the unit to check for and install updates. Note that Android system upgrades are not supported via OTA.

Figure 5.1: Over-the-Air Firmware Update

6. TROUBLESHOOTING

If you encounter issues with your M3BLX7 unit, refer to the following common solutions:

- **No Power:** Check all power connections and the 15A fuse. Ensure the vehicle battery is properly connected.
- **No Sound:** Verify speaker connections. Check volume levels and equalizer settings. Ensure the correct audio source is selected.
- **CarPlay/Android Auto Connection Issues:** Ensure Wi-Fi and Bluetooth are enabled on your phone and the

stereo. Restart both devices and attempt to reconnect. Confirm the Zlink5 app is running.

- **Steering Wheel Controls Unresponsive:** Ensure the CANBUS is correctly connected. Some steering wheel buttons may require a longer press to register input.
- **Backup Camera Not Displaying:** Check the reverse video input cable connection. Ensure the camera is receiving power.
- **System Lag/Unresponsiveness:** Close unused applications. Perform a system restart. Check for and install any available firmware updates.

For persistent issues, contact Eonon customer support for assistance.

7. SPECIFICATIONS

Feature	Specification
Product Dimensions	8.67 x 5.12 x 1.34 inches
Item Weight	4.4 pounds
Item Model Number	M3BLX7
Operating System	Android 14
Screen Size	9 Inches
Screen Resolution	1280*720 IPS
Viewing Angle	178°
Processor	Rockchip (8-core)
Memory Storage Capacity	32 GB
Connectivity Technology	Bluetooth 5.4, Wi-Fi, USB
Special Features	Wireless CarPlay, Android Auto, DSP, Touchscreen, AM/FM, SWC Support
Audio Output Mode	Stereo (4x45W)
Map Type	Road (GPS Navigation)

8. WARRANTY AND SUPPORT

Eonon offers the following support for your M3BLX7 car stereo:

- **Return Policy:** 30-day hassle-free return policy.
- **Maintenance Coverage:** 2-year maintenance coverage.
- **Technical Support:** Lifetime technical support.

For warranty claims, technical assistance, or product inquiries, please visit the official Eonon website or contact their customer service department.

Related Documents - M3BLX7

	[Eonon Q63Pro Installation Manual for Mazda 3 (2010-2013)](#) Detailed installation guide for the Eonon Q63Pro 9-inch Android 10 car stereo head unit in Mazda 3 vehicles (2010-2013). Covers GPS, CarPlay, Android Auto, DSP, Bluetooth, and more.
	[Eonon Q63SE Installation Manual for Mazda 3 (2010-2013)](#) Step-by-step installation guide for the Eonon Q63SE car stereo system in a Mazda 3 vehicle (2010-2013 models). Includes instructions for removing the factory unit, installing the new head unit, connecting cables, and routing accessories.
	[Eonon VWA12S User Manual: Features, Installation, and Operation Guide](#) Comprehensive user manual for the Eonon VWA12S car infotainment system. Covers product overview, features like Wireless CarPlay and Android Auto, GPS navigation, Bluetooth, settings, and troubleshooting for your Eonon VWA12S car stereo.
	[BMW 3 Series (E90/E91/E92/E93) 2005-2011 Eonon Head Unit Installation Manual](#) Comprehensive installation manual for Eonon car stereo head units in BMW 3 Series (E90, E91, E92, E93) models manufactured between 2005 and 2011. This guide provides detailed, step-by-step instructions for removing the factory radio and air conditioning controls, wiring the new unit, and fitting it into the dashboard. It covers essential steps such as checking console compatibility, using specialized tools, connecting harnesses, and testing features.
	[Eonon Q49PRO User Manual](#) User manual for the Eonon Q49PRO car stereo, covering installation, features, settings, and troubleshooting.
	[Eonon Android Car Stereo User Manual - Navigation, Bluetooth, Media, and More](#) Comprehensive user manual for Eonon Android car stereos, covering setup, navigation, Bluetooth connectivity, media playback, app installation, CarPlay, Android Auto, and system settings.