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› MekedeTech Android Car Radio Stereo for Ford Fiesta 2008-2017 User Manual

MekedeTech 8-Core 8+256G

MekedeTech Android Car Radio Stereo User Manual

Model: 8-Core 8+256G for Ford Fiesta (2008-2017)

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your MekedeTech Android Car Radio Stereo. This head unit is designed for Ford Fiesta models manufactured between 2008 and 2017, offering an enhanced in-car entertainment and navigation experience.

Please read this manual thoroughly before installation and use to ensure proper functionality and to maximize your product's performance.

SETUP AND INSTALLATION

The MekedeTech Android Car Radio Stereo is designed for a plug-and-play installation in compatible Ford Fiesta models (2008-2017). The package includes all necessary accessories for installation, such as the dash kit, power cable, RCA cable, reversing camera cable, and USB cables.

Installation Overview

The installation process involves replacing your existing car radio with the new Android head unit. Ensure the vehicle's power is disconnected before beginning the installation.



Before installing




After installing ✓

Image: Comparison of the Ford Fiesta dashboard before and after the installation of the MekedeTech Android Car Radio Stereo. The 'Before' image shows the original car radio, while the 'After' image displays the new 9-inch touch screen head unit seamlessly integrated into the dashboard.

Cooling Fan Setup

The unit features an integrated cooling fan system to manage CPU temperature, especially during prolonged use or in high-temperature environments. Proper setup of the cooling fan ensures optimal performance and longevity of the device.





OCTA CORE, UP TO 2.0GHz, 8+256GB
CPU: 2*cortex A75 + 6*cortex A55 (12NM)

Android System

8GB RAM


256GB ROM






Support Cooling fan

The cooling fan can deal with and solve the abnormal operation caused by high temperature in summer and long-term use of the machine, such as restart, abnormal touch, abnormal function, etc....




There is no cooling fan



cpu_thermal_zone 91.0°C
gpu_thermal_zone 89.0°C

High temperature

With cooling fan



cpu_thermal_zone 57.0°C
gpu_thermal_zone 57.0°C

Normal temperature

Setup steps:




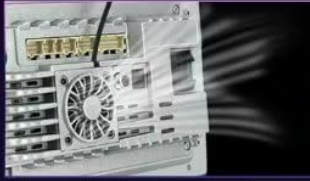
1.  connect
2. Settings -- Device -- Sound 
3. Device -- AMP ON 
4. The cooling fan starts working 

Image: A detailed diagram showing the internal components of the head unit, including the CPU, RAM, and ROM. It highlights the cooling fan's position and provides a visual guide for connecting and activating the cooling fan through the system settings. The diagram also illustrates temperature differences with and without the cooling fan.

1. **Connect:** Ensure the cooling fan cable is securely connected to the designated port on the head unit.
2. **Settings Access:** Navigate to 'Settings' > 'Device' > 'Sound' on the head unit's interface.
3. **AMP ON:** Locate and activate the 'AMP ON' option under 'Device' settings.
4. **Fan Activation:** The cooling fan will start automatically once activated.

The unit retains all original steering wheel control functions, allowing for easy adjustment of songs, channels, and volume without removing your hands from the steering wheel, enhancing convenience and safety.

OPERATING INSTRUCTIONS

Your MekedeTech Android Car Radio Stereo offers a range of features for navigation, communication, and entertainment. This section covers the basic operation of key functionalities.

Wireless CarPlay and Android Auto

The head unit comes with built-in wireless CarPlay and wired Android Auto capabilities, providing seamless integration with your smartphone for navigation, music, and communication.

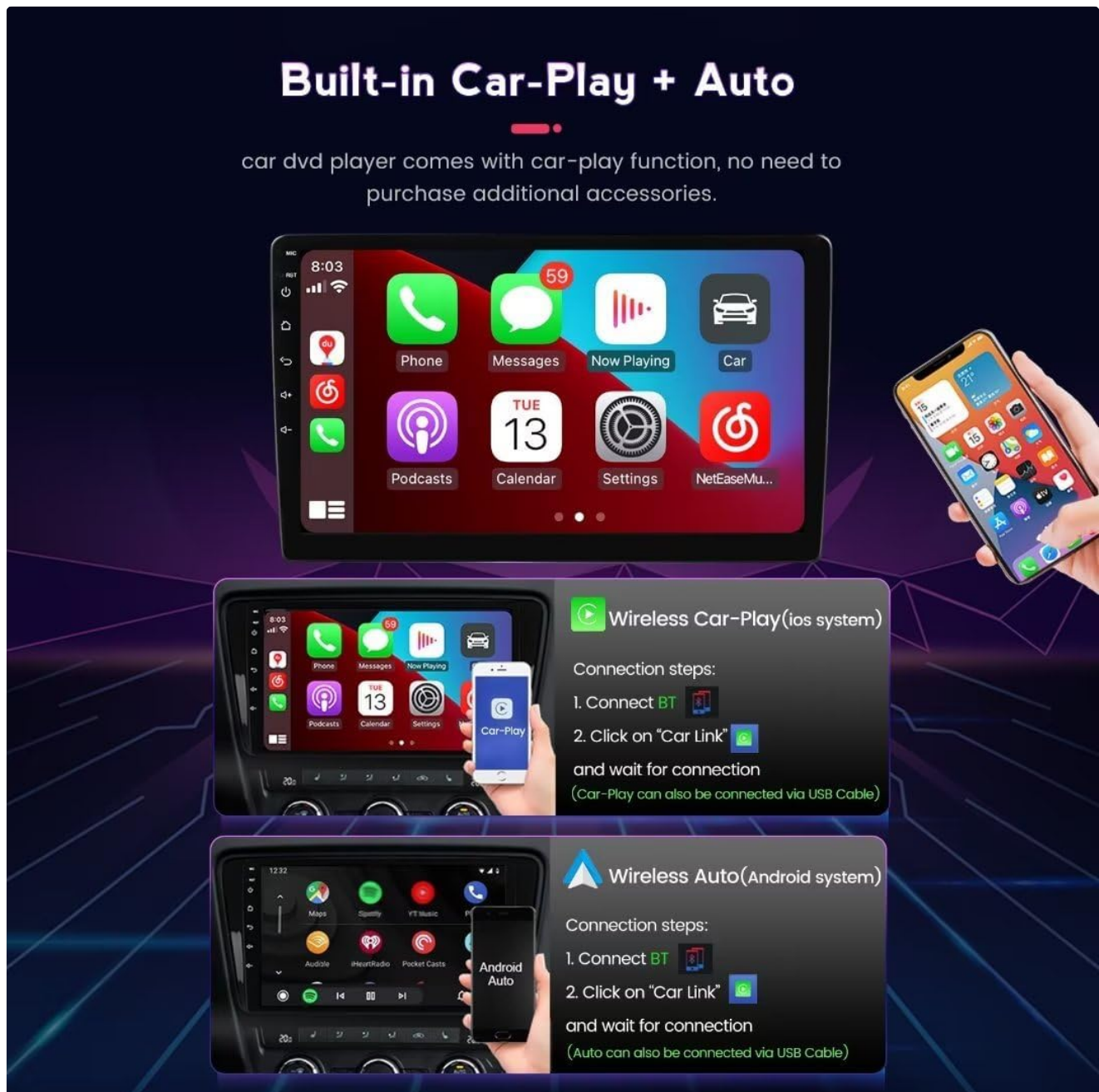


Image: Visual guide demonstrating the connection process for Wireless Car-Play (for iOS devices) and Wireless Auto (for Android devices). It shows the steps: 1. Connect Bluetooth, 2. Click on 'Car Link', and wait for connection. It also notes that Car-Play and Auto can be connected via USB cable.

Connection Steps:

1. **Connect Bluetooth:** Pair your smartphone with the head unit via Bluetooth.
2. **Select 'Car Link':** On the head unit's screen, select the 'Car Link' application.
3. **Wait for Connection:** The system will automatically establish the CarPlay or Android Auto connection. For Android Auto, a wired USB connection is also an option.

4G LTE and Wi-Fi Connectivity

The unit supports 4G LTE connectivity via a SIM card and Wi-Fi for internet access. This allows for online navigation, streaming, and app usage directly from the head unit.

Built-in 4G Lte and WIFI

The built-in 4G module allows you to connect to the cellular network almost anywhere, anytime. No need to open your cellular hotspot connection every time.



4G SIM card slot

The machine includes two SIM card slots, one on the back of the main unit and one on the RCA cable.



External SIM card slot

Support DSP Processor

Increase DSP digital audio processing module multi-dimensional surround lossless sound effects, enjoy high-definition audio-visual feast!



Image: A visual representation of the built-in 4G LTE module and SIM card slot, indicating where to insert a 4G SIM card. It also features a diagram of the Digital Signal Processor (DSP), highlighting its role in enhancing audio quality.

- **4G LTE:** Insert a 4G SIM card into the designated slot to access the cellular network. The unit includes two SIM card slots: one on the back of the main unit and one on the RCA cable.
- **Wi-Fi:** Connect to available Wi-Fi hotspots for internet access.

GPS Navigation

The head unit features built-in GPS navigation with pre-installed maps, providing accurate directions and real-time traffic information (requires internet connection for real-time data).

Bluetooth 5.0

Utilize Bluetooth 5.0 for high-quality hands-free calls and audio streaming from your paired smartphone.

DSP Sound System

The integrated Digital Signal Processor (DSP) enhances audio quality, providing a multi-dimensional surround sound experience.

MAINTENANCE

To ensure the longevity and optimal performance of your MekedeTech Android Car Radio Stereo, follow these maintenance guidelines:

- **Screen Cleaning:** Use a soft, lint-free cloth to gently wipe the touch screen. Avoid abrasive cleaners or solvents that may damage the display.
- **Software Updates:** Periodically check for and install software updates to ensure the system runs efficiently and has the latest features and security patches.
- **Temperature Control:** While the unit has a cooling fan, avoid exposing it to extreme temperatures for extended periods.
- **Cable Connections:** Ensure all cables remain securely connected. Loose connections can lead to intermittent issues.

TROUBLESHOOTING

If you encounter issues with your MekedeTech Android Car Radio Stereo, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Unit does not power on	Loose power connection, blown fuse	Check power cables and vehicle fuses. Ensure proper installation.
No sound output	Incorrect audio settings, loose speaker wires	Verify audio settings (volume, mute). Check speaker wire connections.
GPS signal loss	Antenna obstruction, poor satellite reception	Ensure GPS antenna has a clear view of the sky. Check antenna connection.
CarPlay/Android Auto not connecting	Bluetooth not paired, incorrect app selection, cable issue (for wired)	Re-pair Bluetooth. Ensure 'Car Link' app is selected. Try a different USB cable if using wired connection.
Touch screen unresponsive	Software glitch, temporary freeze	Restart the unit. If issue persists, perform a factory reset (refer to advanced settings).

If these steps do not resolve the issue, please contact MekedeTech customer support for further assistance.

SPECIFICATIONS

Below are the technical specifications for the MekedeTech Android Car Radio Stereo (Model: 8-Core 8+256G).

Feature	Specification
Brand	MekedeTech
Compatible Vehicles	Ford Fiesta (2008-2017)
Operating System	Android 12 OS
CPU	8-Core A53 1.8GHz

Feature	Specification
Memory (RAM)	8GB
Storage (ROM)	256GB
Screen Size	9 Inches
Display Type	IPS LCD
Touch Screen Type	Capacitive
Resolution	1280 * 720
Power Output	4*50W
Connectivity	4G LTE, Wi-Fi, Bluetooth 5.0
Special Features	Wireless CarPlay, Wired Android Auto, Built-in GPS Navigation, DSP Sound System, Steering Wheel Control Support
Audio Formats	APE/FLAC/WAV/MP3/WMA etc.
Video Formats	MKV/RMVB/AVI/MP4/MDV etc.
Picture Formats	PNG/JPEG/JPG/GIF/WBMP/BNP etc.
Map Type	Worldwide
Control Method	Touch
Manufacturer	Shenzhen Mekede Technology Co.,Ltd

WARRANTY INFORMATION

The MekedeTech Android Car Radio Stereo comes with a **1-Year Warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims.

The warranty does not cover damage caused by improper installation, misuse, accidents, unauthorized repairs, or normal wear and tear.

CUSTOMER SUPPORT

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact MekedeTech customer support.

- **Manufacturer:** Shenzhen Mekede Technology Co.,Ltd
- **Online Support:** Visit the [MekedeTech Store on Amazon](#) for product information and support resources.

Please have your product model number (8-Core 8+256G) and purchase details ready when contacting support.

