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› MekedeTech Android Car Radio Stereo GPS Navigation User Manual

MekedeTech 4-Core 1+32G

MekedeTech Android Car Radio Stereo GPS Navigation User Manual

Model: 4-Core 1+32G

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, maintenance, and troubleshooting of your MekedeTech Android Car Radio Stereo GPS Navigation system. Please read this manual thoroughly before using the product to ensure proper function and safety.

The MekedeTech Android Car Radio Stereo is designed as a head unit replacement for Ford Figo models from 2015 to 2018, offering a 9-inch touch screen upgrade with integrated wireless CarPlay and Android Auto capabilities.



Figure 1: MekedeTech Android Car Radio Stereo Head Unit with CarPlay interface displayed.

SETUP AND INSTALLATION

The MekedeTech Android Car Radio Stereo is designed for plug-and-play installation in compatible Ford Figo vehicles (2015-2018). All necessary accessories for installation, including the dash kit, power cable, RCA cable, reversing camera cable, and USB cables, are included.

Pre-Installation Checklist:

- Ensure the vehicle's ignition is off and the battery is disconnected before beginning installation.
- Verify all included components match the packing list.
- Familiarize yourself with the vehicle's existing wiring harness and dashboard layout.

Installation Steps:

1. Carefully remove the original car radio unit from the dashboard. Refer to your vehicle's service manual for specific removal instructions.
2. Connect the provided power cable, RCA cable, and other necessary cables from the new head unit to the vehicle's wiring harness. Ensure all connections are secure.
3. If installing a reversing camera, route the camera cable to the rear of the vehicle and connect it to the designated input on the head unit.
4. Connect the USB cables for external devices as needed.
5. Mount the new MekedeTech head unit into the dashboard using the provided dash kit. Ensure it is securely fastened.
6. Reconnect the vehicle's battery.
7. Turn on the ignition and test the unit's basic functions (power, audio, touch screen responsiveness).



QUAD CORE, 1+32GB

Android
System

1GB
RAM

32GB
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

3. Device -- AMP ON

2. Settings -- Device -- Sound



4. The cooling fan starts working



Figure 2: Illustration of internal components (CPU, RAM, ROM) and setup steps, highlighting the cooling fan system for optimal performance.

OPERATING INSTRUCTIONS

Basic Operation:

- **Power On/Off:** Press and hold the power button on the unit or use the vehicle's ignition.
- **Touch Screen:** Navigate menus and control functions using the responsive 9-inch IPS touch screen.
- **Volume Control:** Adjust volume using the physical buttons on the unit or the steering wheel controls.

Wireless CarPlay and Android Auto:

The unit features built-in wireless CarPlay and wired Android Auto for seamless smartphone integration.

Wireless CarPlay (iOS System) Connection Steps:

1. Connect your iPhone to the unit via Bluetooth.

2. On the unit's screen, select "Car Link" or the equivalent CarPlay application.
3. Wait for the connection to establish. CarPlay can also be connected via USB cable.

Wireless Android Auto (Android System) Connection Steps:

1. Connect your Android phone to the unit via Bluetooth.
2. On the unit's screen, select "Car Link" or the equivalent Android Auto application.
3. Wait for the connection to establish. Android Auto can also be connected via USB cable.

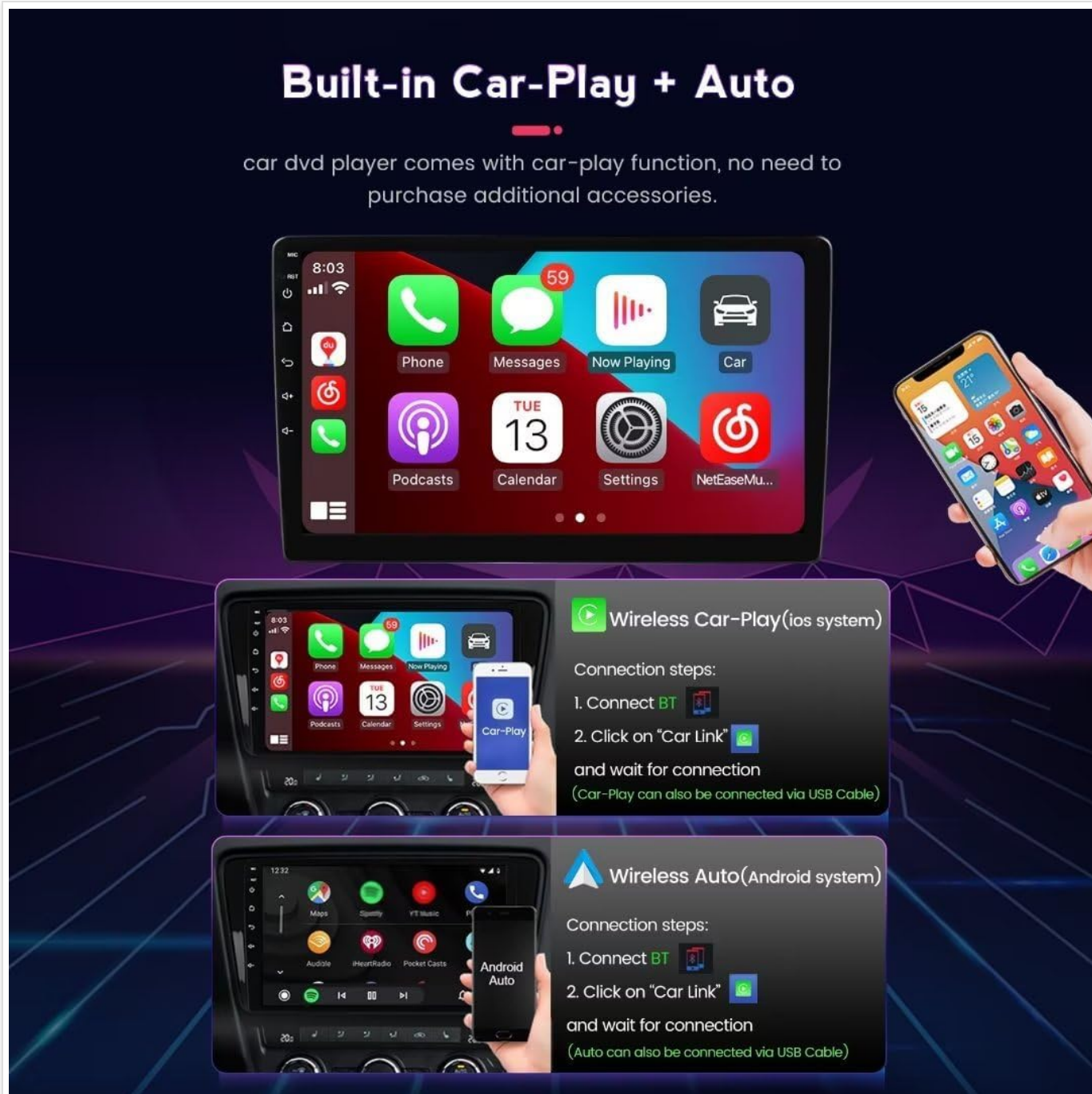


Figure 3: Visual guide for connecting to Wireless CarPlay and Android Auto, showing the interface and connection steps.

Navigation and Multimedia:

- **GPS Navigation:** The unit includes built-in GPS navigation with support for various map applications (e.g., iGo, Yandex, Google). It provides real-time traffic conditions and accurate positioning.
- **FM Radio:** Access and tune into FM radio stations.
- **Bluetooth 5.0:** Supports hands-free calls and Bluetooth music streaming.

- **Media Playback:** Supports various audio (APE, FLAC, WAV, MP3, WMA) and video (MKV, RMVB, AVI, MP4, MDV) formats.
- **Split Screen Function:** Supports displaying two applications simultaneously on the screen for enhanced multitasking, such as navigation and music playback.
- **Steering Wheel Control:** Retains original steering wheel control functions for easy song switching, channel changes, and volume adjustment, enhancing convenience and safety.

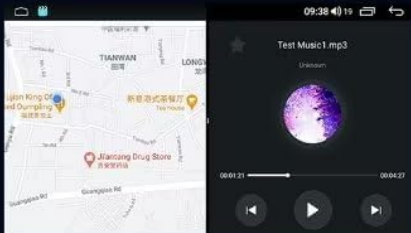
Support split screen

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

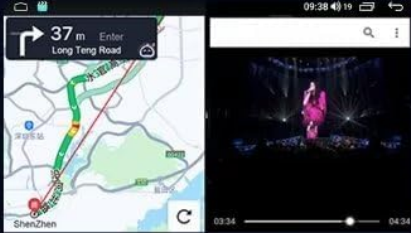
FM/AM Radio +MAP



MAP + Music



MAP + Online video



GPS NAVIGATION

Built-in global positioning system, omni-directional map display, synchronous display real-time traffic conditions, rapid and accurate positioning

GPS
BDS
GLONASS

The following maps are supported


 For Navitel


 For iGO


 For Yandex


 For Google



Figure 4: Demonstrates the split-screen functionality, allowing simultaneous use of navigation and multimedia, and highlights the GPS navigation capabilities with supported map types.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your MekedeTech Android Car Radio Stereo.

- **Screen Cleaning:** Use a soft, lint-free cloth slightly dampened with water or a screen cleaner specifically designed for electronics. Avoid abrasive materials or harsh chemicals.
- **Software Updates:** Periodically check for software updates provided by MekedeTech to ensure the system runs

efficiently and has the latest features and security patches. Updates can typically be performed via Wi-Fi.

- **Ventilation:** Ensure the unit's ventilation areas are not obstructed to prevent overheating. The unit is equipped with a cooling fan to manage internal temperatures.
- **Cable Connections:** Occasionally check all cable connections to ensure they are secure and free from damage.

TROUBLESHOOTING

This section addresses common issues you might encounter with your MekedeTech Android Car Radio Stereo.

Problem	Possible Cause	Solution
Unit does not power on.	Loose power connection, blown fuse, vehicle battery issue.	Check power cable connections. Inspect vehicle's fuse box for blown fuses. Ensure vehicle battery is charged.
No sound output.	Volume too low, mute activated, loose speaker connections, incorrect audio settings.	Increase volume. Check if mute is active. Verify speaker wire connections. Adjust audio output settings in the system menu.
Touch screen unresponsive.	System freeze, temporary software glitch.	Perform a soft reset (refer to manual for specific reset procedure, usually a small reset button or holding power button). If persistent, contact support.
CarPlay/Android Auto not connecting.	Bluetooth not paired, incorrect app selected, phone software issue.	Ensure Bluetooth is enabled and paired. Select the correct "Car Link" or equivalent app. Restart phone and unit. Try connecting with a USB cable.
GPS signal lost or inaccurate.	Poor satellite reception, antenna issue, outdated maps.	Ensure vehicle is in an open area. Check GPS antenna connection. Update map data if available.

If the problem persists after attempting these solutions, please contact MekedeTech customer support for further assistance.

SPECIFICATIONS

Feature	Detail
Model	4-Core 1+32G
Operating System	Android 13 OS
CPU	4-Core A53 1.7GHz
Memory (RAM)	1GB
Storage (ROM)	32GB
Screen Size	9 Inches
Display Type	IPS Touch Screen
Resolution	1024x600
Power Output	4*50W

Feature	Detail
Connectivity	Built-in WiFi, Bluetooth 5.0, USB
Navigation	Built-in GPS, supports worldwide maps (iGo, Yandex, Google)
Smartphone Integration	Wireless CarPlay, Wired Android Auto
Audio Formats	APE, FLAC, WAV, MP3, WMA, etc.
Video Formats	MKV, RMVB, AVI, MP4, MDV, etc.
Image Formats	PNG, JPEG, JPG, GIF, WBMP, BNP, etc.
Special Features	Steering Wheel Control, Split Screen, Rear View Camera Input, Double Rear USB Port Input

WARRANTY AND SUPPORT

MekedeTech products are backed by a manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official MekedeTech website.

For technical support, troubleshooting assistance beyond this manual, or warranty claims, please contact MekedeTech customer service:

- **Manufacturer:** Shenzhen Mekede Technology Co.,Ltd
- **Brand:** MekedeTech
- **Online Support:** Visit the [MekedeTech Store on Amazon](#) for product information and potential support links.
- *Please note: Specific contact details (phone number, email) are typically provided with the product packaging or on the official brand website.*

Protection plans are also available for extended coverage. Please refer to the product listing for details on 2-Year and 3-Year protection plans.

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

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