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› MekedeTech M6 Pro Android Car Stereo User Manual

MekedeTech M6Pro

MekedeTech M6 Pro Android Car Stereo User Manual

Model: M6Pro (M6pro-10inch-8+256G)

INTRODUCTION

The MekedeTech M6 Pro is an advanced universal double DIN Android car stereo system designed to enhance your in-car entertainment and navigation experience. It features a 10-inch 1280x720 QLED IPS touch screen, an 8-core processor, 8GB RAM, and 256GB internal storage. Key functionalities include wireless CarPlay and Android Auto, Bluetooth 5.1, a 36-band DSP equalizer, DTS 4.1/5.1 channel surround sound, voice control, and 4G LTE support. This manual provides essential information for setup, operation, maintenance, and troubleshooting to ensure optimal performance of your device.



Front view of the MekedeTech M6 Pro Android Car Stereo with its 10-inch QLED IPS touch screen displaying the main interface.

PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 1 x MekedeTech M6 Pro Head Unit (Tablet)
- 1 x Instruction Manual
- 1 x RCA Cable Set
- 1 x Reversing Camera Input Cable
- 1 x Fakra GPS Antenna
- 1 x Fakra 4G Antenna
- 1 x External Microphone (MIC)
- 3 x USB Plugs
- Necessary Wiring Harnesses (Power, Speaker, etc.)

Package Contents



Host Device



Instruction manual



Packaging Box



RCA Cable



Reversing camera



Fakra GPS Antenna



Fakra 4G Antenna



MIC



USB Plug x3

An illustration of the MekedeTech M6 Pro package contents, including the head unit, cables, antennas, and manual.

SETUP

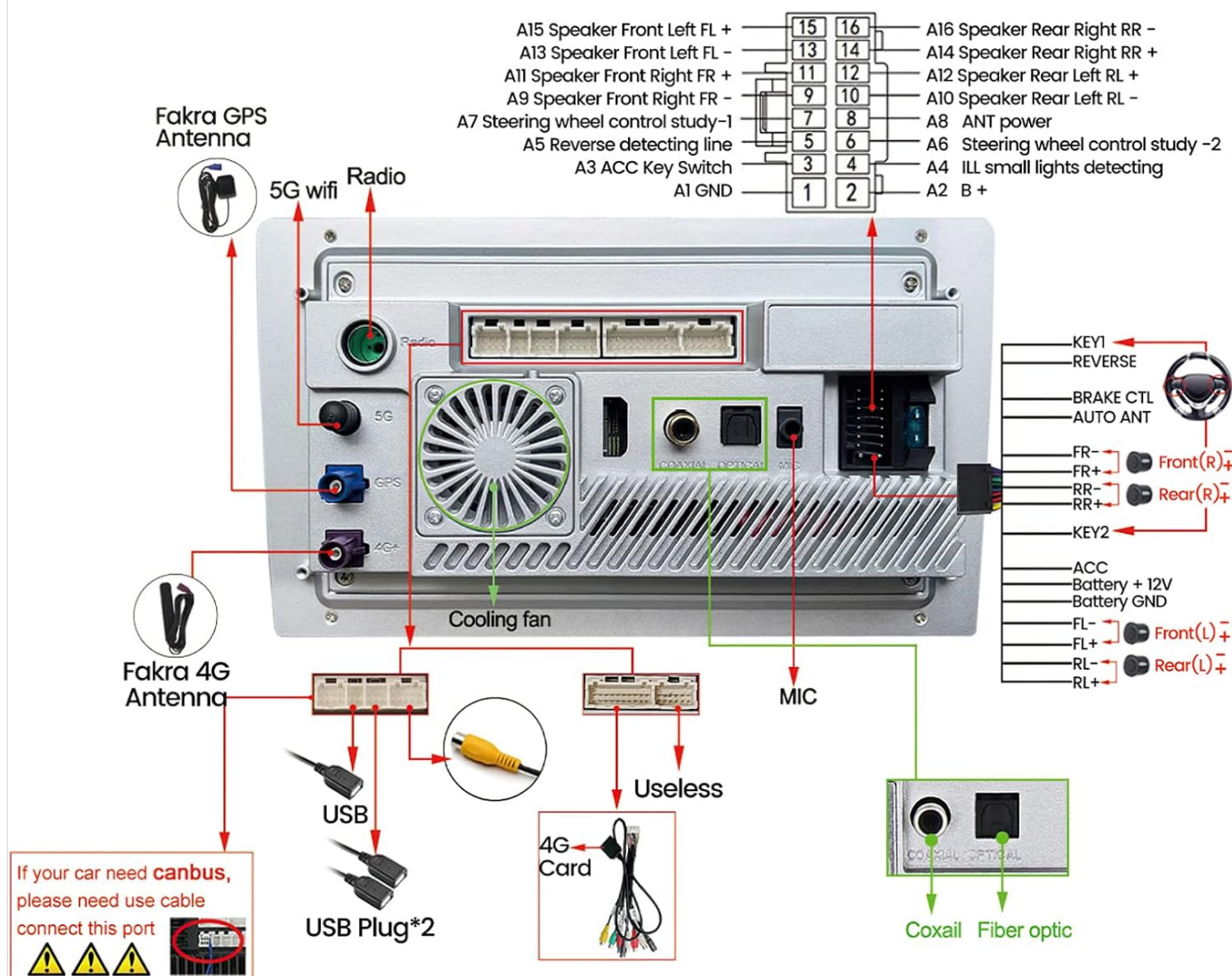
Installation Overview

Installation of the MekedeTech M6 Pro should ideally be performed by a qualified professional. Ensure the vehicle's battery is disconnected before beginning any wiring. The unit is designed for universal double DIN slots, but specific vehicle fascia kits and wiring adapters may be required for a seamless fit and integration with your car's existing systems. For vehicles requiring CANBUS integration (e.g., for climate control, door status, steering wheel controls), an appropriate CANBUS module specific to your vehicle model may be necessary and should be acquired separately.

Wiring Diagram

Refer to the following diagram for proper connection of the head unit to your vehicle's electrical system and peripherals. Pay close attention to power, ground, speaker outputs, and accessory inputs.

Connection diagram of the device



Detailed connection diagram illustrating the various ports and wiring connections for the MekedeTech M6 Pro head unit, including power, speaker, USB, GPS, and 4G antenna inputs.

OPERATING INSTRUCTIONS

Basic Operation and Interface Customization

The MekedeTech M6 Pro features a responsive QLED IPS touch screen for intuitive control. Navigate through menus by swiping and tapping. You can customize the main interface icons and their positions to suit your preferences, allowing for quick access to frequently used applications and features.



This image shows the customizable main interface icons and the FM/AM RDS Radio screen, demonstrating the user-friendly design of the MekedeTech M6 Pro.

Wireless CarPlay & Android Auto

The unit supports both wireless CarPlay and wired/wireless Android Auto, allowing seamless integration with your smartphone for navigation, music, calls, and messages. This feature eliminates the need for constant phone interaction while driving.



Steps for connecting your iPhone to the head unit via Wireless CarPlay, typically involving Bluetooth pairing and then launching the "Car Link" application.



Instructions for connecting an Android phone using a USB cable for Wired Android Auto, also utilizing the "Car Link" application.

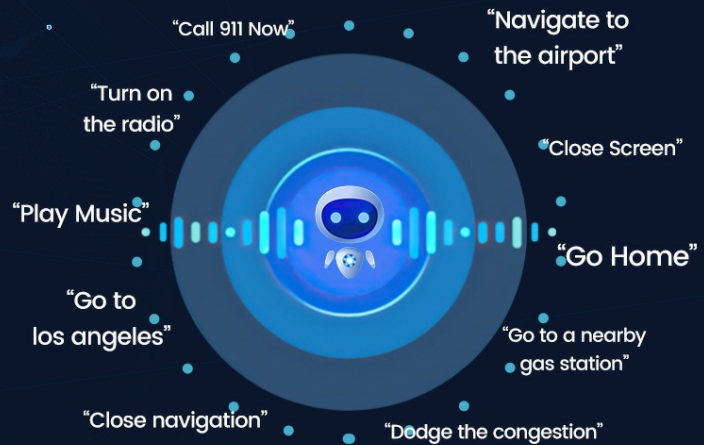
Voice Control

The M6 Pro supports intelligent voice control, enabling hands-free operation for safer and more convenient driving. You can issue commands for navigation, music playback, calls, and more, similar to interacting with Siri or other voice assistants.

Voice Control

Hands free to make driving easy and safe

Intelligent voice control without hands operation, safer driving!
More sensitive voice recognition, more extensive recognition.



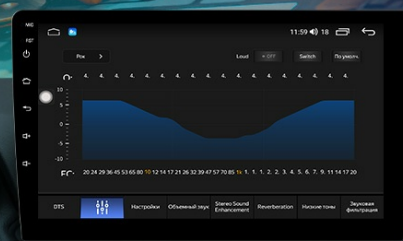
An illustration demonstrating various voice commands supported by the head unit, such as "Turn on the radio," "Navigate to the airport," and "Play Music."

Audio Features: DSP 36-Band EQ & DTS Surround Sound

Experience superior audio quality with the integrated Digital Signal Processor (DSP) and its 36-band equalizer. This allows for precise audio tuning, creating a customized sound profile. The system also supports DTS 4.1/5.1 channel surround sound, providing a dynamic and immersive audio experience within your vehicle.

DSP 36-band EQ High precision professional tuning

Compared to the 32-segment tuning, 36-segment can give you the effect you want more delicate and more accurate! Create a real sense of "stage" in the car!



The graphical interface of the 36-band DSP equalizer, allowing users to fine-tune audio frequencies for optimal sound.

DTS4.1/5.1 Channel surround systems

DTS uses 4.1 and 5.1 channel surround systems, which have a more perfect sound than Dolby: the sound is more dynamic, smoother and gives you a feeling of being wrapped in sound.



An illustration depicting the immersive sound experience provided by the DTS 4.1/5.1 channel surround sound system in a car environment.

GPS Navigation

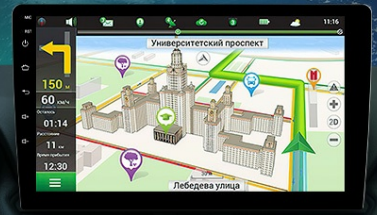
The built-in global positioning system (GPS) provides accurate, omni-directional map display and real-time traffic condition updates, ensuring efficient navigation to your destination.

GPS accurate positioning

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

Custom GPS & 4G antennas

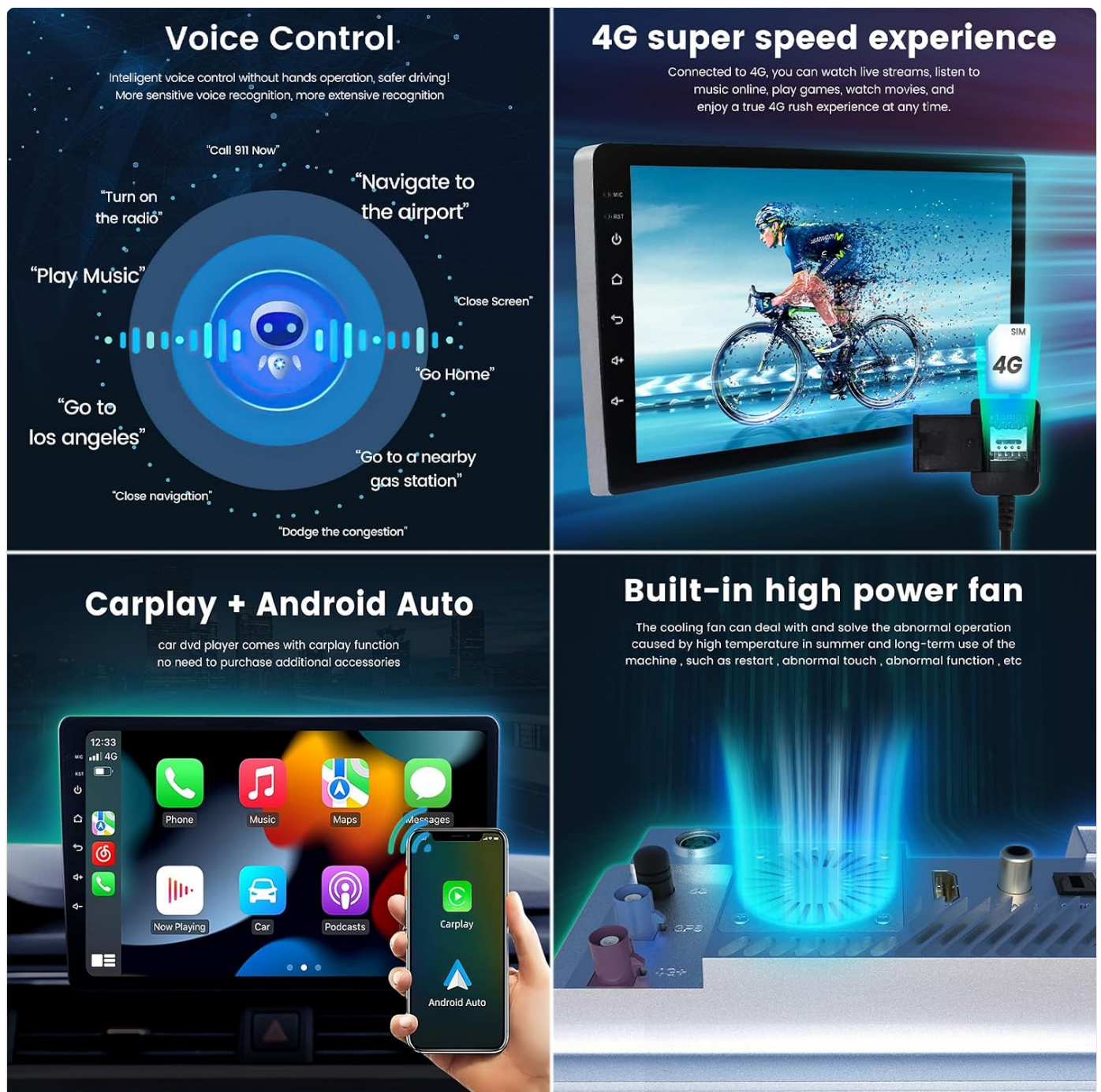
The product uses customized GPS & 4G antenna, making the positioning more accurate and the signal more stable, enhancing your driving safety in all aspects



The GPS navigation screen showing a map with real-time positioning, highlighting the use of custom GPS and 4G antennas for enhanced accuracy and signal stability.

4G Connectivity

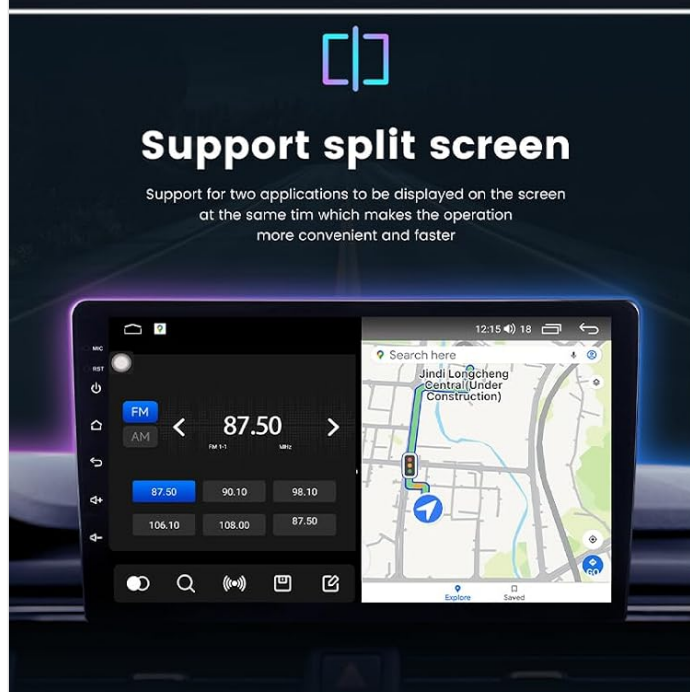
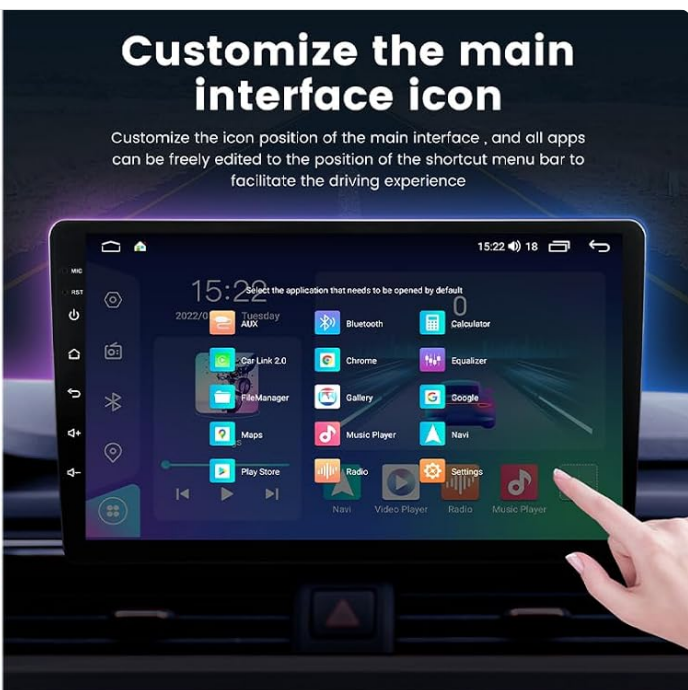
With 4G LTE support, you can enjoy high-speed internet access directly from your head unit. This enables online streaming, real-time data updates, and access to various online applications without relying on your phone's hotspot.



This image illustrates the 4G super speed experience with a SIM card slot and the built-in high-power fan designed for heat dissipation.

Split Screen Functionality

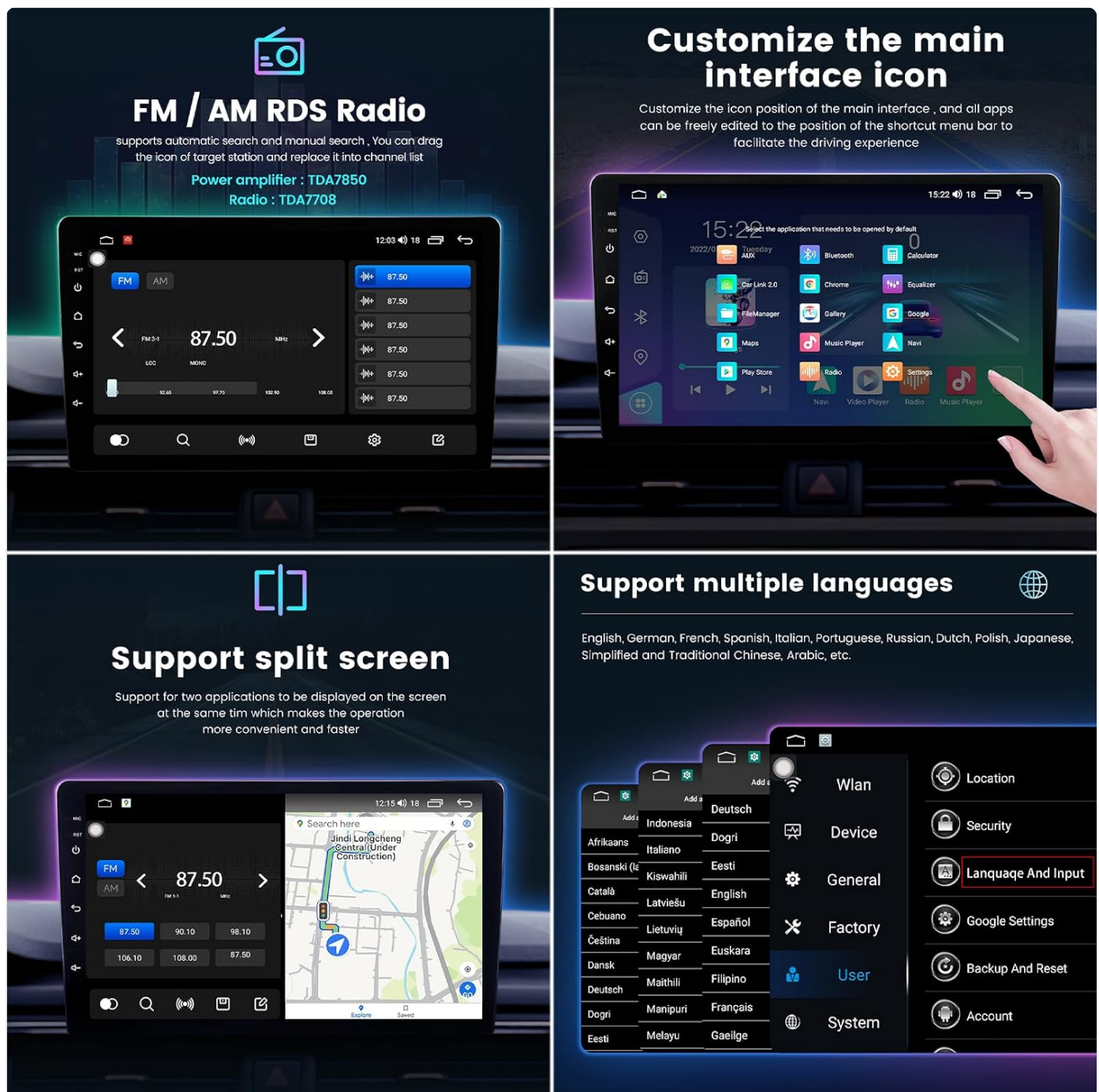
The split-screen feature allows you to run two applications simultaneously on the display, such as navigation and music playback, enhancing multitasking convenience.



The bottom-left section of this image demonstrates the split-screen capability, showing a navigation app and a radio interface running concurrently.

FM/AM RDS Radio

The integrated FM/AM RDS radio allows you to listen to your favorite stations. The RDS (Radio Data System) provides additional information such as station names and song titles where available.



The top-left section of this image displays the FM/AM RDS Radio interface, showing frequency tuning and station presets.

MAINTENANCE

To ensure the longevity and optimal performance of your MekedeTech M6 Pro, follow these maintenance guidelines:

- **Screen Cleaning:** Use a soft, lint-free cloth specifically designed for electronic screens. Do not use abrasive cleaners or solvents. Gently wipe the screen to remove dust and fingerprints.
- **General Cleaning:** Wipe the exterior of the unit with a soft, dry cloth. Avoid spraying liquids directly onto the device.
- **Software Updates:** Periodically check for software updates provided by MekedeTech to ensure you have the latest features and bug fixes. Follow the manufacturer's instructions for updating the firmware.
- **Temperature Control:** The unit has a built-in fan for heat dissipation. Ensure proper ventilation around the unit to prevent overheating, especially during prolonged use or in hot climates.

TROUBLESHOOTING

This section addresses common issues you might encounter with your MekedeTech M6 Pro. If the problem persists after attempting these solutions, please contact customer support.

Problem	Possible Cause	Solution
Unit does not power on.	Incorrect wiring; Blown fuse; Vehicle battery issue.	Check power connections (ACC, B+, GND). Inspect vehicle fuses. Ensure vehicle battery is charged.
No sound or distorted sound.	Speaker wiring issue; Volume too low; EQ settings.	Verify speaker connections. Increase volume. Reset DSP/EQ settings to default.
Touch screen unresponsive or requires multiple touches.	Software glitch; Screen calibration needed; Physical damage.	Restart the unit. Check for firmware updates. If persistent, contact support.
Wireless CarPlay/Android Auto not connecting.	Bluetooth not paired; "Car Link" app not launched; Phone settings.	Ensure Bluetooth is on and paired. Open "Car Link" app on head unit. Check phone's CarPlay/Android Auto settings.
GPS signal weak or inaccurate.	GPS antenna placement; Obstruction.	Ensure GPS antenna is mounted in a clear location with an unobstructed view of the sky.
Unit occasionally shuts off or reboots.	Overheating; Power supply instability; Software issue.	Ensure proper ventilation. Check power connections for stability. Update firmware.

SPECIFICATIONS

Detailed technical specifications for the MekedeTech M6 Pro Android Car Stereo:

Feature	Detail
Model Name	M6Pro (10inch-8+256G)
Operating System	Android 12
Processor	8-core (2 cores ARM Cortex A75 + 6 cores ARM Cortex A55)
Memory (RAM)	8GB
Storage (ROM)	256GB
Display Size	10 Inches
Display Resolution	1280x720 QLED IPS Touch Screen
Bluetooth	Qualcomm 3031 chip Bluetooth 5.1
CarPlay / Android Auto	Wireless CarPlay, Wired Android Auto
Audio Processing	DSP 36-Band EQ, DTS 4.1/5.1 Channel Surround System
Connectivity	4G LTE, Wi-Fi, USB
Voice Control	Supported
Radio	FM/AM RDS Radio

Feature	Detail
Manufacturer	Shenzhen Mekede Technology Co.,Ltd

WARRANTY AND SUPPORT

MekedeTech products are manufactured with high quality standards. For specific warranty information, please refer to the documentation provided with your purchase or contact MekedeTech directly. For technical support, product inquiries, or to inquire about additional features like HDMI input or 360-degree camera modules, it is recommended to contact MekedeTech customer service. They can provide direct assistance and guidance on product capabilities and potential upgrades.

Manufacturer: Shenzhen Mekede Technology Co.,Ltd

For the most up-to-date support information, please visit the official MekedeTech website or contact their support channels.