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MekedeTech M7Plus

MekedeTech M7 Plus Android Car Stereo User Manual

Model: M7Plus-10.36inch-6+128G

Introduction

This manual provides essential information for the proper installation, operation, and maintenance of your MekedeTech M7 Plus Android Car Stereo. Please read this manual thoroughly before using the product to ensure optimal performance and safety. Keep this manual for future reference.

Package Contents

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

Package Contents



Image: Overview of the MekedeTech M7 Plus car stereo and its included accessories, such as the main unit, microphone, RCA cables, reversing camera cable, video out cable, USB plugs, 4G antenna, and GPS antenna.

- MekedeTech M7 Plus Main Unit
- Microphone (MIC)
- RCA Cable Set
- Reversing Camera Cable
- Video Out Cable
- USB Plugs (x3)
- 4G Antenna
- GPS Antenna

Specifications

Feature	Description
Operating System	Android 13
CPU	8-Core 2.7GHz UIS7870C 6NM
Screen Size	10.36 inch
Screen Resolution	2000x1200 QLED
Connectivity	4G LTE, 5GHz WiFi, Bluetooth 5.0
Memory	6GB RAM + 128GB Storage (M7Plus-10.36inch-6+128G variant)
Power Amplifier	TDA7850/7851 (Output Wattage: 50 Watts)
Radio IC	TDA7708 (Supports DSP RDS)
Audio Processing	DSP with 36-band EQ, DTS 4.1/5.1 support
Smartphone Integration	Wireless CarPlay, Android Auto
Special Features	Voice Control, Built-in HDMI (requires adapter), ADAS DVR/AHD camera support, Upgraded cooling fan, Fakra GPS/4G Antenna, 3D Real Time Dynamics (with canbus decoder)

Setup and Installation

Installation of the MekedeTech M7 Plus car stereo requires technical knowledge and experience with car audio systems. Professional installation is highly recommended to prevent damage to the unit or your vehicle.

General Installation Guidelines:

- **Power Connection:** Connect the main power harness to your vehicle's power supply, ensuring correct polarity (ACC, B+, GND).
- **Antenna Connections:**
  - Connect the provided Fakra GPS Antenna for navigation functionality.
  - Connect the Fakra 4G Antenna for cellular data connectivity.
- **Audio/Video Connections:**
  - Utilize the RCA cable set for external amplifier connections or other audio/video inputs/outputs.
  - Connect the reversing camera cable for rear view camera integration.
  - The unit supports ADAS DVR front cameras and AHD rear cameras.
  - For HDMI output, an extra Type-C to HDMI adapter is required.
- **USB Connections:** Connect external USB devices using the provided USB plugs.
- **Microphone:** Connect the external microphone for improved voice command and call quality.
- **Canbus Decoder (Optional):** If your vehicle requires a Canbus decoder for steering wheel controls or 3D Real Time Dynamics display, ensure it is correctly installed and configured.

After all connections are made, secure the unit in the double-din slot of your vehicle's dashboard.

Operating Instructions

Power On/Off

To power on the unit, turn your vehicle's ignition to the ACC or ON position. The unit will automatically power on. To power off, turn the ignition to the OFF position.

Touch Screen Interface



Image: The main user interface of the MekedeTech M7 Plus car stereo, displaying navigation, time, date, and media playback controls on its 10.36-inch QLED screen.

The M7 Plus features a 10.36-inch 2000x1200 QLED touch screen. Navigate through menus and applications by tapping, swiping, and pinching gestures. The QLED screen offers enhanced clarity and visibility, even in bright conditions.

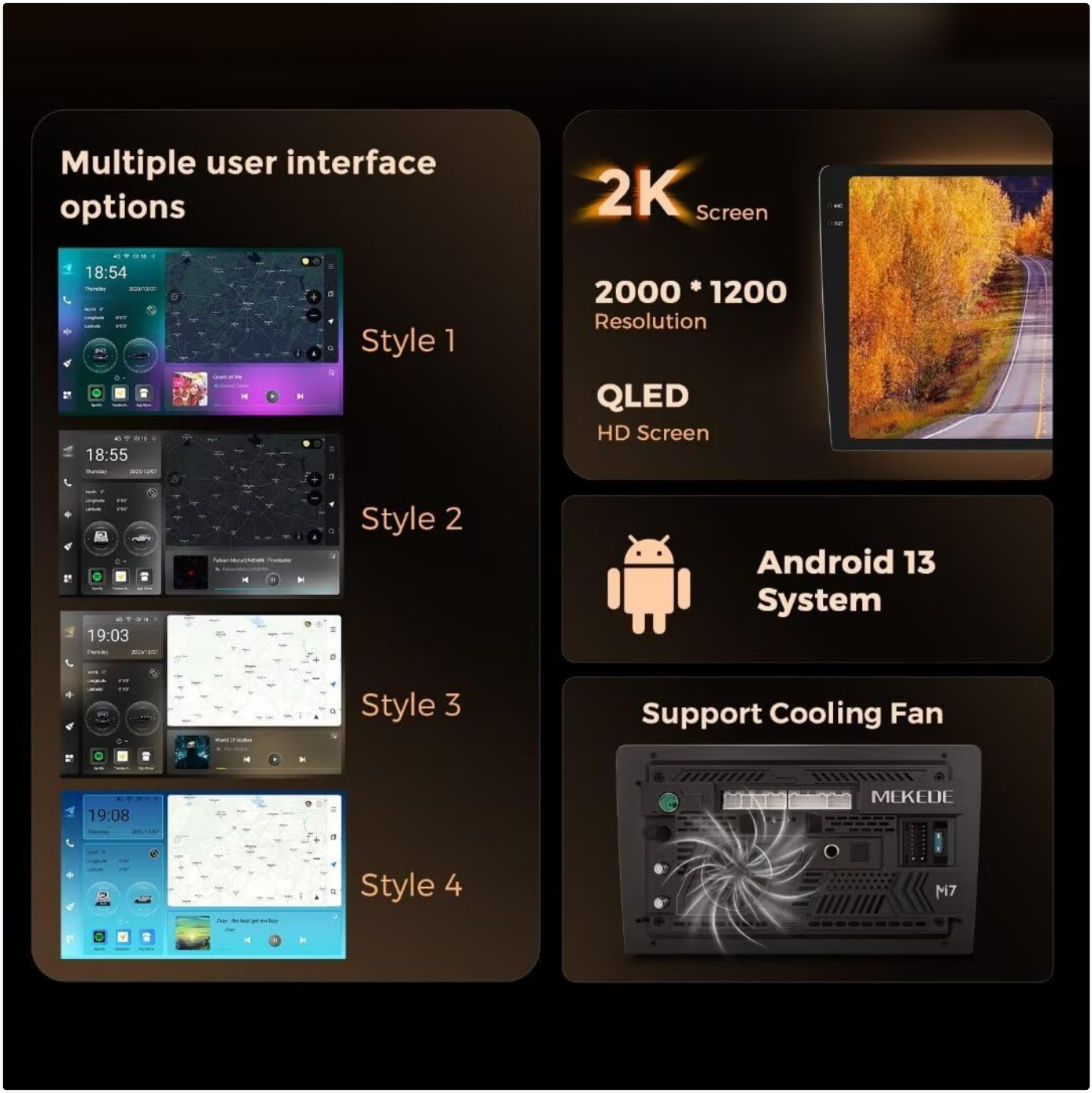


Image: Demonstrates four different user interface styles available on the MekedeTech M7 Plus, showcasing customization options for the home screen layout.

Multiple user interface options are available, allowing for personalization of the display layout and aesthetics.

Android 13 System

The unit operates on the Android 13 system, providing access to a wide range of applications and features. Connect to the internet via 4G LTE or 5GHz WiFi to download apps, stream content, and access online services.

Wireless CarPlay and Android Auto



Image: The MekedeTech M7 Plus screen displaying a grid of common smartphone applications, illustrating the seamless integration of wireless CarPlay and Android Auto for phone mirroring and app access.

Connect your compatible smartphone wirelessly using CarPlay or Android Auto. This feature allows you to access navigation, make calls, send/receive messages, and play music directly from your phone's interface displayed on the car stereo screen.

Bluetooth 5.0

Pair your Bluetooth-enabled devices (e.g., smartphones, tablets) for hands-free calling and audio streaming. Bluetooth 5.0 ensures a stable and high-quality wireless connection.

Voice Control

The M7 Plus supports intelligent voice control. Activate voice commands to perform various functions without taking your hands off the steering wheel, enhancing driving safety and convenience. This feature is compatible with Siri and other voice control applications.

Audio Features (DSP, DTS, Equalizer)

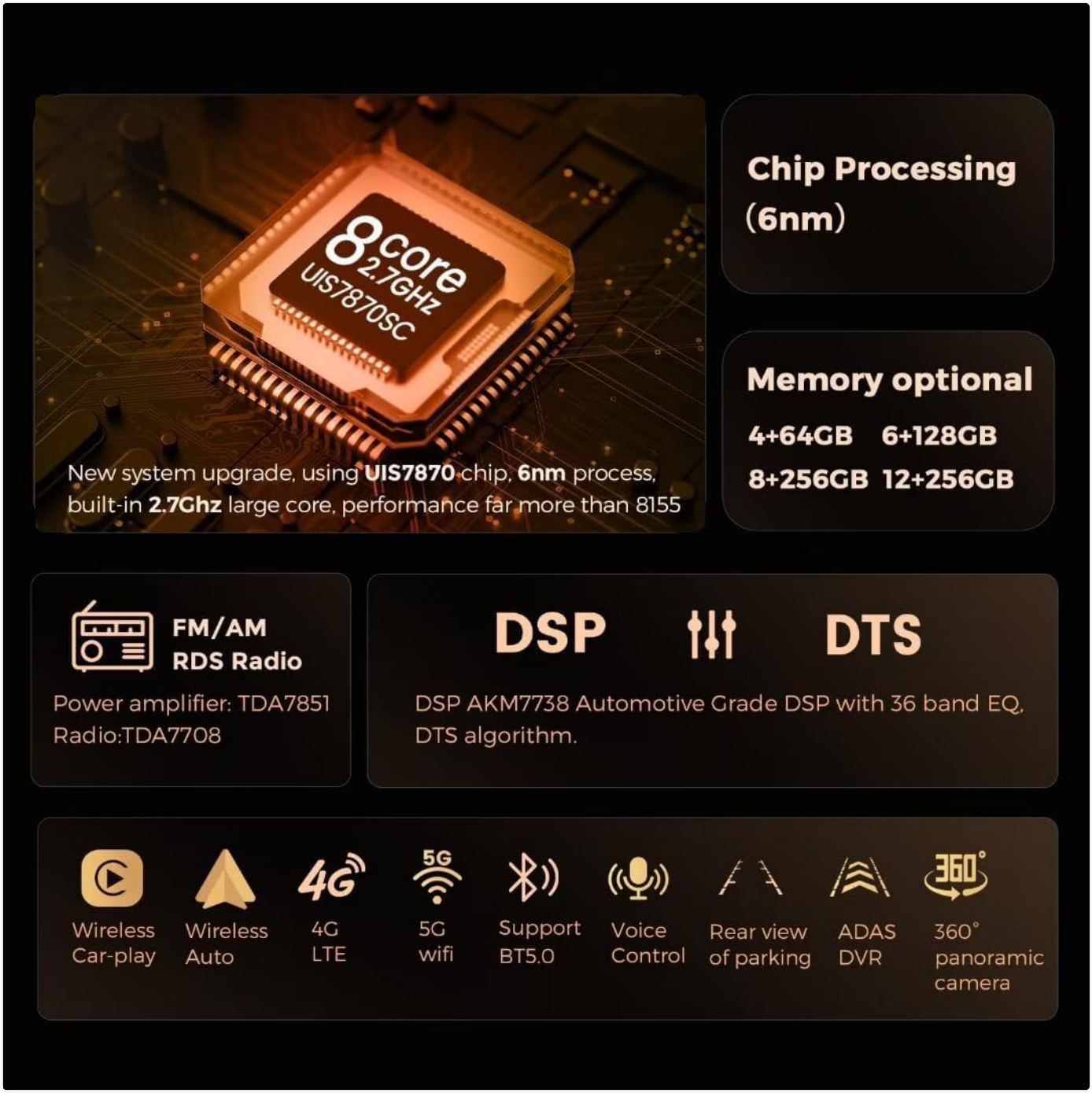


Image: A diagram highlighting the 8-core 2.7GHz UIS7870C chip, memory options, and audio features including FM/AM RDS Radio, DSP AKM7738 with 36-band EQ, and DTS algorithm support.

The integrated DSP (Digital Signal Processor) with a 36-band equalizer allows for precise audio tuning. DTS 4.1/5.1 channel surround sound systems provide an immersive audio experience. Adjust settings such as low-pass filter, tone compensation, balanced mode, and surround sound mode to customize your sound environment.

Radio

Access FM/AM radio stations. The unit supports RDS (Radio Data System) for displaying station information where available.

Day/Night Mode



Image: A split screen showing the car stereo display in daytime mode (clear and bright) and night mode (deep texture, reduced glare), demonstrating the intelligent adjustment for optimal visibility and eye comfort.

The intelligent Day/Night mode automatically adjusts screen brightness and color profiles. Daytime mode provides clear and bright visuals, while night mode reduces glare and interference, protecting your eyes during low-light conditions.

ADAS DVR and AHD Camera Support

The unit supports connection to ADAS (Advanced Driver-Assistance Systems) DVR front cameras and AHD (Analog High Definition) rear cameras for enhanced driving safety and recording capabilities.

3D Real Time Dynamics

If your vehicle is equipped with a compatible Canbus decoder, the unit can display real-time information such as door and light switch status. This function requires proper Canbus decoder installation and configuration.

Maintenance

- **Cleaning the Screen:** Use a soft, lint-free cloth to gently wipe the screen. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner. Avoid harsh chemicals or abrasive materials.
- **General Cleaning:** Keep the unit and surrounding area free from dust and debris.
- **Cooling Fan:** The unit features an upgraded cooling fan. Ensure that the fan vents are not obstructed to maintain proper airflow and prevent overheating.

Troubleshooting

No Power

- Check all power connections (ACC, B+, GND) to ensure they are secure and correctly wired.
- Verify the vehicle's fuse for the car stereo is not blown.

No Sound

- Check speaker connections.
- Ensure the volume is not muted or set to minimum.
- Verify audio settings in the DSP/Equalizer menu.

Touch Screen Unresponsive

- Restart the unit by turning the vehicle's ignition off and then on again.
- Ensure the screen is clean and free from obstructions.

GPS Signal Issues

- Ensure the GPS antenna is properly connected and placed in a location with a clear view of the sky.

Wireless CarPlay/Android Auto Not Connecting

- Ensure Bluetooth and Wi-Fi are enabled on both the car stereo and your smartphone.
- Verify your smartphone is compatible and updated to the latest software.
- Try restarting both devices.

For persistent issues, consult a professional installer or contact MekedeTech customer support.

Warranty and Support

For warranty information and technical support, please refer to the documentation provided with your purchase or visit the official MekedeTech website. Keep your proof of purchase for warranty claims.
Manufacturer: Shenzhen Mekede Technology Co.,Ltd

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