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> MekedeTech Mekede Universal M6 MAX Android Car Radio User Manual

MekedeTech M6MAX-13 inch-8+256G

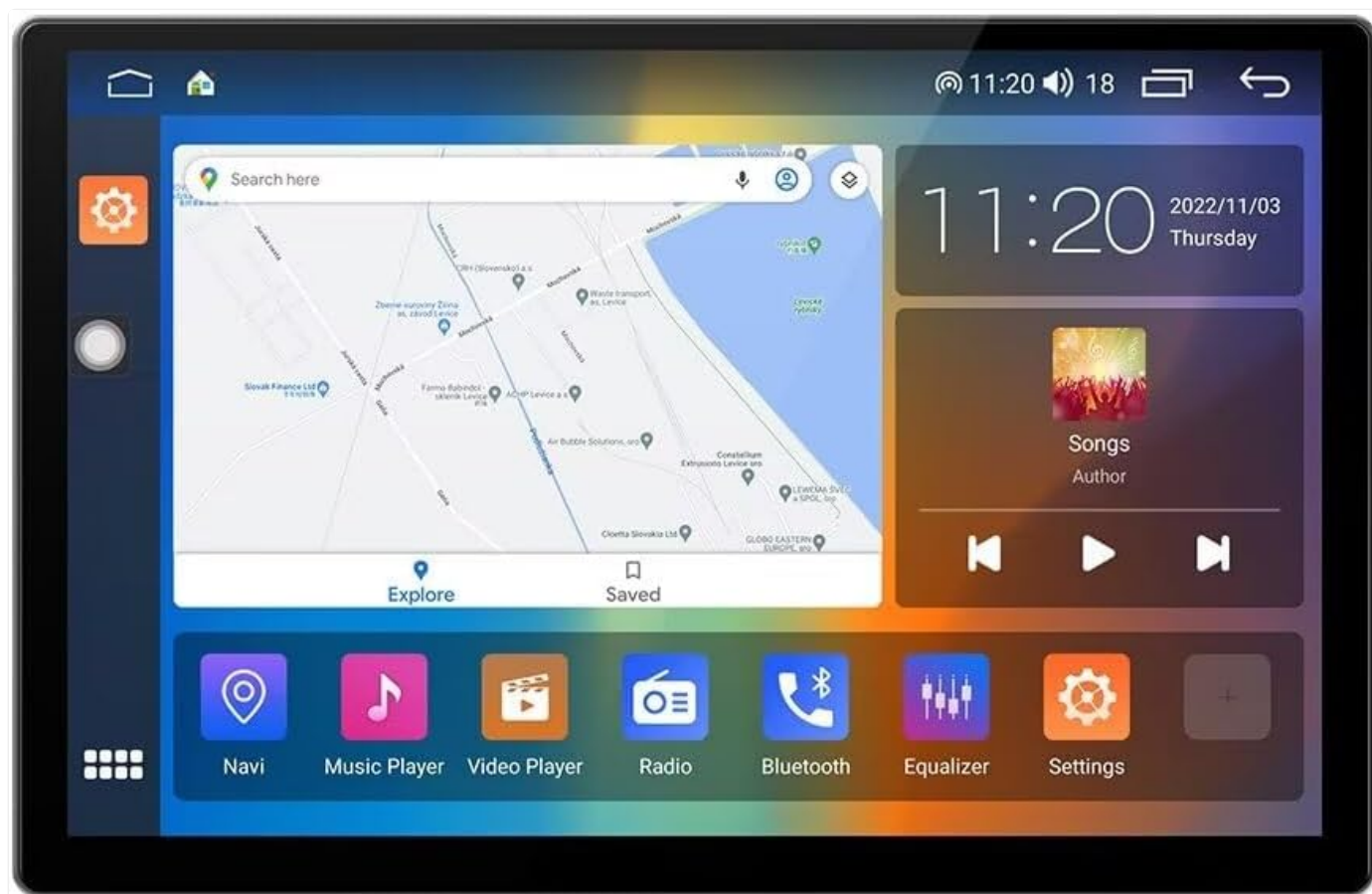
MekedeTech Mekede Universal M6 MAX Android Car Radio User Manual

Model: M6MAX-13 inch-8+256G

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, maintenance, and troubleshooting of your MekedeTech Mekede Universal M6 MAX Android Car Radio. This advanced in-dash car stereo features an Android 12 system, a 13-inch 1280x720 QLED IPS Touch Screen, Bluetooth 5.1, and an Octa-Core processor with 8GB RAM and 256GB storage. It is designed to enhance your in-car entertainment and navigation experience.

Key features include wireless CarPlay and Android Auto, intelligent voice control, a Qualcomm 3031 Bluetooth 5.1 chip for stable connectivity, and a DSP with 36-band EQ and DTS 4.1/5.1 channel surround system for superior audio quality.



SETUP AND INSTALLATION

Package Contents

Before beginning installation, please verify that all components are present in the package:

- MekedeTech M6 MAX Android Car Radio Unit
- Power Harness
- GPS Antenna (Fakra)
- 4G Antenna (Fakra)
- USB Cables
- RCA Cables (Audio/Video Output, Camera Input)
- Mounting Brackets and Screws
- User Manual (this document)

Installation Guidelines

Installation of the M6 MAX unit requires technical knowledge and should ideally be performed by a qualified professional. Ensure the vehicle's battery is disconnected before starting any wiring.

1. **Preparation:** Remove the existing car stereo or dashboard trim to access the 2-DIN slot.
2. **Wiring:** Connect the provided power harness to your vehicle's wiring harness. Ensure all connections (power, ground, accessory, speaker wires) are secure and correctly matched. Connect the GPS antenna and 4G antenna to their respective ports on the unit.
3. **Peripheral Connections:** Connect any external devices such as the rear view camera, front ADAS DVR camera, external microphone, or USB devices to the appropriate RCA and USB ports.
4. **Mounting:** Secure the M6 MAX unit into the 2-DIN slot using the provided mounting brackets and screws. Ensure it is firmly seated.
5. **Testing:** Before reassembling the dashboard, temporarily reconnect the vehicle's battery and power on the unit to verify functionality (power, display, audio, touch response).
6. **Reassembly:** Once confirmed operational, disconnect the battery again, then carefully reassemble the dashboard trim.

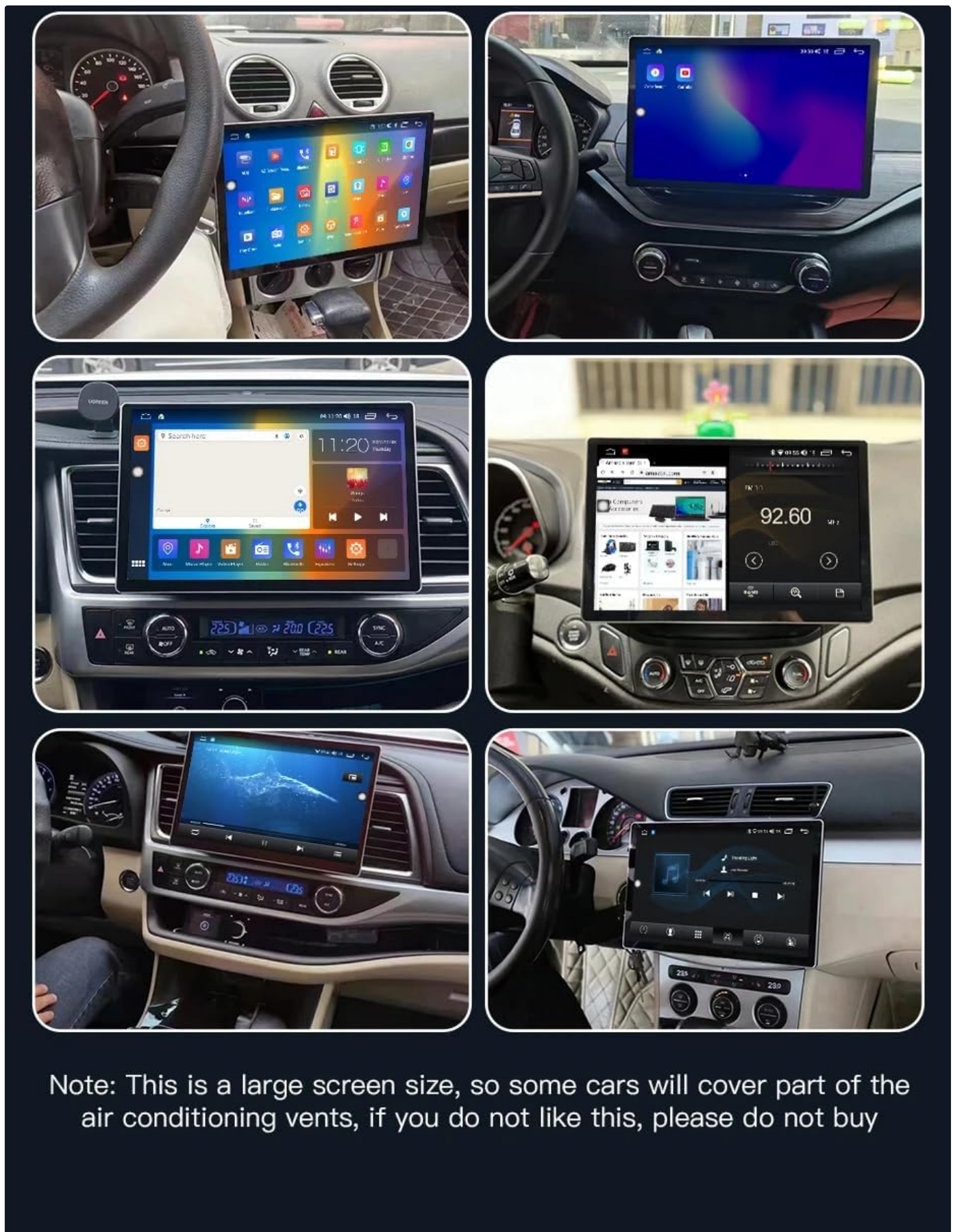


Figure 2: Examples of the M6 MAX unit installed in various vehicle dashboards. Note that due to its large screen size, some installations may partially cover air conditioning vents.

Initial Power On and Configuration

Upon first power-on, the unit will boot into the Android system. Follow the on-screen prompts for initial setup:

- **Language Selection:** Choose your preferred system language.

- **Time and Date:** Set the correct time zone and synchronize time.
- **Network Connection:** Connect to a Wi-Fi network or insert a 4G SIM card (if supported by your specific model) to enable internet access for updates and online services.
- **Google Account:** Log in with your Google account to access the Play Store and other Google services.

OPERATING INSTRUCTIONS

User Interface Overview

The M6 MAX features an intuitive Android-based touch screen interface. The main screen typically displays navigation, media controls, and quick access icons for frequently used applications.

- **Navigation Bar:** Located at the top or bottom, providing access to Home, Back, and Recent Apps.
- **Status Bar:** Displays time, Wi-Fi signal, Bluetooth status, and other system notifications.
- **App Drawer:** Access all installed applications.

Key Functions

- **Radio:** Access FM/AM radio stations. Use the scan function to find available stations and save favorites.
- **Bluetooth 5.1:**
 - **Pairing:** Go to Bluetooth settings, enable Bluetooth on your phone, search for the M6 MAX unit, and pair.
 - **Hands-Free Calling:** Make and receive calls directly from the unit.
 - **Audio Streaming:** Play music from your paired smartphone.
- **Media Playback:**
 - **USB/SD:** Insert USB drives or SD cards (if applicable) with audio/video files. The unit supports various formats.
 - **Online Streaming:** Install apps like Spotify, YouTube, etc., from the Google Play Store.
- **Navigation:** Utilize pre-installed navigation apps or download your preferred GPS software from the Play Store. Ensure GPS antenna is properly connected for accurate positioning.
- **Wireless CarPlay / Android Auto:**

Connect your iPhone or Android smartphone wirelessly for seamless integration of navigation, music, messages, and calls.

 - **For iPhone (CarPlay):** Ensure Wi-Fi and Bluetooth are enabled on your iPhone. On the M6 MAX, open the CarPlay app and follow the pairing instructions.
 - **For Android (Android Auto):** Ensure Wi-Fi and Bluetooth are enabled on your Android phone. Open the Android Auto app on the M6 MAX and follow the pairing instructions.
- **Voice Control:** Activate the intelligent voice control feature to operate various functions hands-free, enhancing driving safety. This unit supports integration with Siri and other voice control applications.
- **DSP & Equalizer:** Access the Digital Sound Processor (DSP) settings to fine-tune audio output. The 36-band equalizer allows for precise sound customization. Explore features like low-pass filter, tone compensation, balanced mode, surround sound mode, and DTS 4.1/5.1 channel surround systems for an immersive audio experience.

MAINTENANCE

Cleaning

- **Screen:** Use a soft, lint-free cloth slightly dampened with water or a screen cleaner. Avoid abrasive materials or harsh chemicals.
- **Unit Body:** Wipe with a dry or slightly damp soft cloth. Do not allow liquids to enter the unit.

Software Updates

Periodically check for software updates to ensure optimal performance and access to new features. Updates can typically be performed via Wi-Fi through the system settings menu. Follow the on-screen instructions carefully during the update process and ensure stable power supply.

General Care

- Avoid exposing the unit to extreme temperatures (hot or cold) or direct sunlight for prolonged periods.
- Protect the screen from sharp objects to prevent scratches.
- Ensure proper ventilation around the unit to prevent overheating. The built-in powerful cooling fan assists with heat dissipation.

TROUBLESHOOTING

If you encounter issues with your M6 MAX unit, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Unit does not power on.	Incorrect wiring, blown fuse, vehicle battery issue.	Check power and ground connections. Inspect vehicle fuses. Ensure vehicle battery is charged.
No sound from speakers.	Speaker wires disconnected, volume too low, mute enabled, incorrect audio output settings.	Verify speaker wire connections. Increase volume. Check if mute is active. Adjust audio output settings in DSP.
GPS signal weak or inaccurate.	GPS antenna not properly connected or obstructed.	Ensure GPS antenna is securely connected and placed in an unobstructed location (e.g., dashboard, not under metal).
Touch screen unresponsive or inaccurate.	Software glitch, screen protector interference, physical damage.	Restart the unit. Remove any thick screen protectors. If issue persists, contact support.
Bluetooth connection issues.	Device not in pairing mode, interference, outdated firmware.	Ensure both devices are in pairing mode. Move closer to the unit. Restart both devices. Check for firmware updates.
Wireless CarPlay/Android Auto not connecting.	Wi-Fi/Bluetooth off, incorrect pairing, app issues on phone.	Ensure Wi-Fi and Bluetooth are enabled on both the unit and your phone. Forget and re-pair the device. Update phone's OS and CarPlay/Android Auto apps.

For issues not covered here, or if troubleshooting steps do not resolve the problem, please contact MekedeTech customer support.

SPECIFICATIONS

Feature	Detail
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Feature	Detail
Operating System	Android 12
CPU	UIS7862S 2.0GHz Octa-core (2 cores ARM Cortex A75 + 6 cores ARM Cortex A55)
Screen Size	13 inch
Display Resolution	1280x720 QLED IPS Touch Screen (Note: Product specifications also mention 1920x1200, please refer to your specific model's packaging for exact resolution.)
Memory (RAM + Storage)	8GB RAM + 256GB Internal Storage
Connectivity	4G LTE, 5GHz WiFi, Bluetooth 5.1 (Qualcomm 3031 chip)
Power Amplifier	TDA7850/7851
Radio IC	TDA7708
Audio Features	DSP, RDS, DTS 4.1/5.1, 36-band Equalizer
Voice Control	Supported (Intelligent voice control, compatible with Siri and other apps)
Camera Support	ADAS DVR front camera, AHD rear camera
Cooling	Built-in powerful cooling fan
Model Number	M6MAX

Note: Specifications are subject to change without prior notice. Please refer to the product packaging for the most accurate and up-to-date information.

WARRANTY AND SUPPORT

Warranty Information

MekedeTech products typically come with a manufacturer's warranty covering defects in materials and workmanship. For specific warranty terms, duration, and conditions applicable to your M6 MAX unit, please refer to the warranty card included with your product or contact MekedeTech customer service directly. Keep your proof of purchase for warranty claims.

Customer Support

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

- **Online Support:** Visit the official MekedeTech website for FAQs, support resources, and contact forms.
- **Email Support:** Refer to your product documentation for the customer support email address.
- **Seller Support:** For purchase-related inquiries, you may also contact the seller directly through the platform where the product was purchased.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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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.

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