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› MekedeTech Android 13 Car Radio User Manual

MekedeTech GMC1-M200S

MekedeTech Android 13 Car Radio User Manual

Model: GMC1-M200S

1. PRODUCT OVERVIEW

The MekedeTech Android 13 Car Radio is an advanced double-din 8-inch touch screen multimedia system designed to upgrade your vehicle's infotainment. It features Wireless CarPlay and Android Auto, Bluetooth 5.0, 5G WiFi, and 4G LTE connectivity, powered by an 8-core CPU with 2GB RAM and 32GB ROM. This system offers a high-resolution display and a range of functionalities for an enhanced driving experience.

2. APPLICABLE CAR MODELS

This car radio is compatible with a wide range of Chevrolet, Buick, and GMC models. Please verify your vehicle's compatibility before installation.

- For GMC Sierra (2007-2011)
- For GMC Savana (2008-2013)
- For GMC Yukon (2007-2013)
- For GMC Acadia (2007-2012)
- For Chevy Silverado 1500HD 2500HD 3500HD (2007-2014) (Second Generation)
- For Chevy Tahoe (2007-2014) (Second Generation)
- For Chevy Equinox (2005-2009) (First Generation)
- For Chevy Suburban (2007-2014) (Tenth Generation)
- For Chevrolet Avalanche (2007-2011)
- For Chevrolet Express Van (2008-2011)
- For Chevrolet Impala (2006-2012)
- For Buick Enclave (2008-2012)



Image: Comparison of vehicle dashboard before and after installation of the MekedeTech car radio, showing the integrated 8-inch display.

3. SETUP AND INSTALLATION

This section provides guidance for the proper installation of your MekedeTech Android 13 Car Radio. Professional installation is recommended.

3.1. Wiring Diagram

Refer to the detailed wiring diagram below for connecting all components, including power, USB, reverse camera, RCA cables, and speakers.

Support BT 5.0 Function

display directly. Incoming calls, dialed calls, missed calls with caller ID. support BT music streaming.



Support DSP Processor

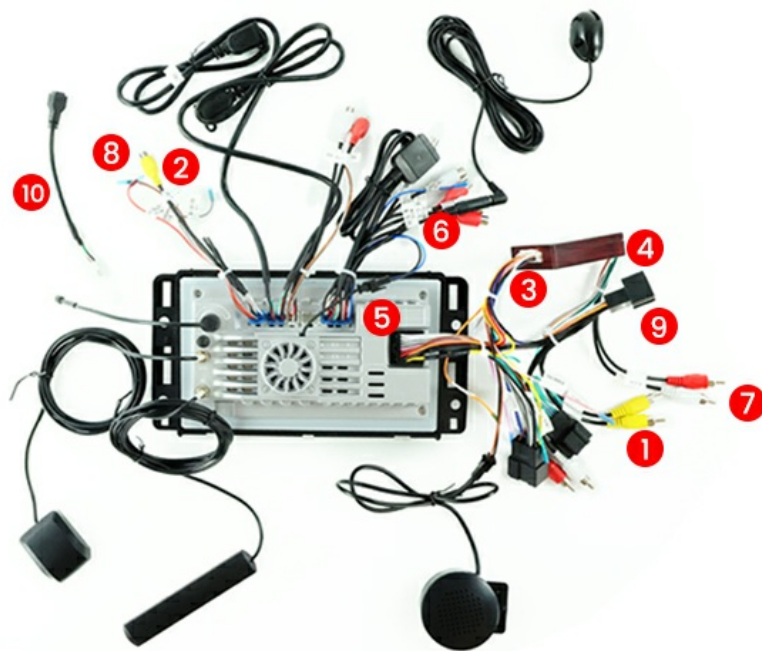
Increase DSP digital audio processing module multi-dimensional surround lossless sound effects, enjoy high-definition audio-visual feast!

Image: Comprehensive wiring diagram illustrating connections for the car radio, including USB plugs, reversing camera, microphone, SIM card slot, RCA cables, Canbus box, GPS antenna, 4G antenna, and power cables.

3.2. Common Installation Issues: No Sound from Rear Speakers

If you experience no sound from the rear speakers after installation, please follow these troubleshooting steps:

1. **Swap 16-pin plugs:** Please swap the position of the two 16-pin plugs.
2. **Check audio cable:** Please check if the audio cable (RCA OUT to RCA IN) is connected correctly.
3. **Check AMP cable:** Please check if the AMP-CONT (blue wire) from the radio harness is connected to the AMP-C (blue wire) on the red box harness.



Factory backup camera connect:

(1)(2)CCD-CVBS ↔ CVBS-IN-1
or CVBS-IN-2

Steering wheel control connect

(3)(4)Canbus
(5)SWC trigger cable 8pin

AMP connect

(6)RCA--AUX L/R OUT
(7)Canbus-AUX IN L/R
(8)AMP-CON
(9)AMP CTRL
(10)Factory USB

Image: Visual guide for troubleshooting no sound from rear speakers, highlighting the 16-pin plug positions, audio cable connections (OUT/IN), and AMP cable connection (POWER-AMP/RCA-AMP).

4. OPERATING INSTRUCTIONS

Your MekedeTech car radio runs on the Android 13 system, offering a user-friendly interface and a multitude of features.

4.1. User Interface and Display

The 8-inch 1280x720 high-resolution IPS touch screen provides clear visuals and responsive interaction. You can customize the interface with different themes.



Image: The main screen of the MekedeTech car radio, displaying navigation, music player, radio, and various application icons, demonstrating the clear IPS display.

4.2. Wireless CarPlay & Android Auto

Enjoy seamless integration with your smartphone. Connect wirelessly to access navigation, music, calls, and messages directly from the car radio display.

Built-in Car-Play + Auto

car dvd player comes with carplay function, no need to purchase additional accessories.



Wireless Auto(Android system)



Connection steps:

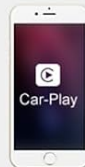
- 1.Connect BT
- 2.Click on "Car Link"

and wait for connection

(Android Auto can also be connected via USB Cable)



Wireless Car-Play(ios system)



Connection steps:

- 1.Connect BT
- 2.Click on "Car Link"

and wait for connection

(Car-Play can also be connected via USB Cable)

Image: Visual explanation of connecting to Wireless Android Auto and Wireless CarPlay, detailing steps to connect Bluetooth and open 'Car Link' for smartphone integration.

4.3. Connectivity: 5G WiFi & 4G LTE

Stay connected on the go. The unit supports 5G WiFi for hotspot connection and has a built-in 4G LTE slot for direct SIM card internet access.



Image: Display illustrating the 5G WiFi support and the built-in 4G LTE feature with a SIM card slot, enabling internet access directly from the unit.

4.4. Audio Features: Bluetooth 5.0 & DSP

The built-in Bluetooth 5.0 module allows for hands-free calling and A2DP music streaming. The integrated DSP (Digital Signal Processor) enhances sound quality for a superior audio experience.

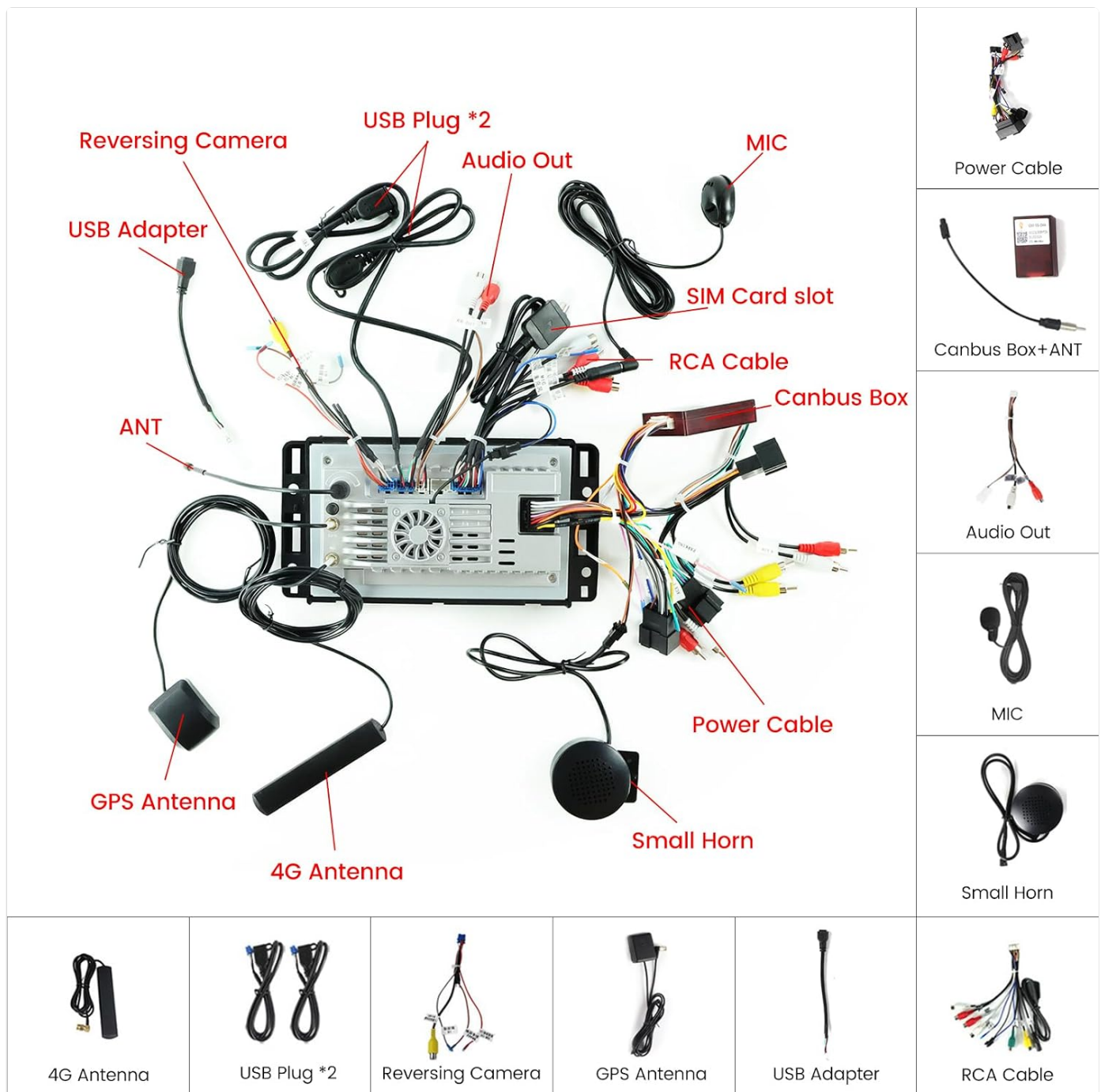


Image: The car radio screen displaying Bluetooth 5.0 functionality for calls and music, alongside the DSP processor interface for audio customization and enhanced sound quality.

4.5. Navigation and Multimedia

The unit supports Android Maps Navigation and features a multimedia player for music, movies, and photos. It also supports 1080P video playback and split-screen functionality.

1280*720 IPS Screen

IPS screen changes the arrangement of TFT liquid crystal molecules, so that it has a greater visual Angle, better color reduction, more realistic picture.



RDS Radio FM/AM

It supports automatic search and manual search, You can drag the icon of target station and replace it into channel list.

Image: The car radio screen showcasing the 1280x720 IPS display with vibrant colors and wide viewing angles, along with the RDS Radio FM/AM interface for automatic and manual station search.



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

Built-in GPS navigation

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

Image: The car radio screen demonstrating the split-screen feature, allowing two applications to be displayed simultaneously, and highlighting the built-in GPS navigation with real-time traffic conditions.

4.6. Steering Wheel Control & Rear View Camera

The system supports your vehicle's original steering wheel controls and can integrate with your factory backup camera (additional cable adapter may be required).

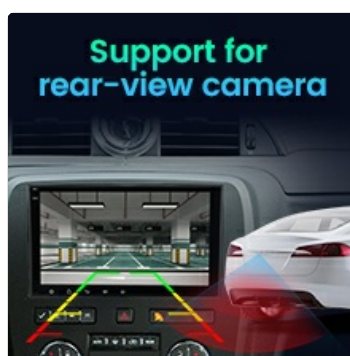


Image: An icon representing the car radio's support for a rear-view camera, displaying a car backing up with parking lines.



Image: An icon illustrating the car radio's compatibility with steering wheel controls, showing a hand pressing a button on a steering wheel.

4.7. Product Demonstration Video

Watch this official video from Mekedetech to see the car radio's features and user interface in action.

Video: A demonstration of the MekedeTech Android 13 Car Radio's various functions, including UI themes, CarPlay/Android Auto, 1080P video playback, internet access, and split-screen capabilities.

5. MAINTENANCE

To ensure the longevity and optimal performance of your MekedeTech car radio, follow these general maintenance guidelines:

- Keep the screen clean using a soft, lint-free cloth. Avoid abrasive cleaners.
- Ensure proper ventilation around the unit to prevent overheating. The built-in cooling fan helps manage temperature during extended use.
- Regularly check for software updates to ensure you have the latest features and bug fixes.
- Avoid exposing the unit to extreme temperatures or direct sunlight for prolonged periods.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your MekedeTech car radio.

6.1. No Sound from Rear Speakers

Refer to section 3.2 for detailed steps to resolve this issue, including checking 16-pin plug positions and audio/AMP cable connections.

6.2. Unit Not Powering On

- Check all power connections to ensure they are securely plugged in.
- Verify the vehicle's fuse related to the car radio.
- Ensure the car battery has sufficient charge.

6.3. Touch Screen Unresponsive

- Perform a soft reset by pressing the RST (Reset) button, usually located near the microphone.
- Ensure the screen is clean and free of debris.
- If the issue persists, a factory reset might be necessary (refer to the 'Factory' settings in the UI).

7. SPECIFICATIONS

Feature	Specification
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Model Name	GMC1-M200S
Operating System	Android 13
CPU	8 Core 1.6Ghz 64bit 8 Cortex A55 28NM
RAM (Memory)	2GB RAM
ROM (Storage)	32GB ROM
Display Size	8 Inches
Display Resolution	1280x720 IPS
Connectivity	5G WiFi (Dual Brand 2.4Ghz & 5Ghz), 4G LTE, Bluetooth 5.0
Audio Output Mode	Digital, 4 x 45w Surround Stereo, Subwoofer Output
Special Features	Wireless CarPlay, Wireless Android Auto, Built-in DSP, Split Screen, GPS Navigation, Steering Wheel Control Support, Rear View Camera Support
Item Weight	3.7 pounds
Product Dimensions	12.1 x 7.7 x 5.1 inches

8. WHAT'S IN THE BOX

- 8 inch car touch screen stereo with installation kit
- Power cable
- USB cable
- Reverse cable
- RCA cables
- Speaker

9. WARRANTY AND SUPPORT

9.1. Warranty Information

This product comes with a **1 Year Warranty** from the manufacturer, Shenzhen Mekede Technology Co.,Ltd. Please retain your proof of purchase for warranty claims.

9.2. Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact MekedeTech customer support through their official channels or the retailer where the product was purchased.

