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› MekedeTech Android Car Radio Stereo User Manual for Nissan Versa (2014-2020) Model B-8-Core 4+32G

MekedeTech B-8-Core 4+32G

MekedeTech Android Car Radio Stereo User Manual

Model: B-8-Core 4+32G for Nissan Versa (2014-2020)

1. PRODUCT OVERVIEW

The MekedeTech Android Car Radio Stereo is an advanced head unit designed for Nissan Versa models from 2014 to 2020. It features a 9-inch 1280x720 HD IPS touch screen, an 8-core CPU, 4GB RAM, and 32GB ROM, running on Android 12 OS. This unit integrates modern connectivity options such as 4G LTE, Wi-Fi, Wireless CarPlay, and Android Auto, enhancing your in-car entertainment and navigation experience.

This package includes all necessary accessories for installation, such as the dash kit, power cable, RCA cable, reversing camera cable, and USB cables, ensuring a plug-and-play setup for compatible Nissan Versa models.

2. SETUP AND INSTALLATION

The MekedeTech Android Car Radio Stereo is designed for a plug-and-play installation in Nissan Versa vehicles manufactured between 2014 and 2020. It is crucial to identify your vehicle's dashboard type (Type A or Type B) to ensure proper fitment of the included dash kit.

2.1 Identifying Your Dashboard Type

Refer to the image below to determine whether your Nissan Versa dashboard matches Type A or Type B. The head unit frame provided is specific to these configurations.



For Nissan Versa 2014-2020



For Nissan Versa 2014-2020



This image illustrates the two main dashboard configurations for the Nissan Versa (2014-2020) and the corresponding MekedeTech head unit frames designed for each. Type A and Type B show distinct layouts around the radio area.

2.2 Installation Process

The installation process is designed to be straightforward. All necessary cables and the dash kit are included. Ensure the vehicle's battery is disconnected before beginning installation.

1. Carefully remove the original car radio and dashboard trim.
2. Connect the provided power cable, RCA cable, reversing camera cable, and USB cables to the new head unit and the vehicle's wiring harness.
3. Integrate the new head unit into the appropriate dash kit (Type A or Type B).
4. Secure the head unit and dash kit into the dashboard opening.
5. Reconnect the vehicle's battery and test the unit.

The unit is designed to retain all original steering wheel control functions, allowing for easy adjustment of songs, channels, and volume without removing hands from the steering wheel.

2.3 Visualizing Installation

**A****Before Installing****After Installing****B****Before Installing****After Installing**

This image displays the original Nissan Versa Type A dashboard before the MekedeTech head unit installation and the integrated appearance after installation, showcasing the new display.



OCTA CORE, UP TO 2.0GHz, 3+32GB
CPU: 2*cortex A75 + 6*cortex A55 (12NM)

Android System

3GB 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....

VS

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. 

3. Device -- AMP ON 

2. Settings -- Device -- Sound 

4. The cooling fan starts working 

This image displays the original Nissan Versa Type B dashboard before the MekedeTech head unit installation and the integrated appearance after installation, showcasing the new display.

3. OPERATING INSTRUCTIONS

3.1 Basic Operation

- **Power On/Off:** Press and hold the power button (usually located on the front panel) to turn the unit on or off.
- **Volume Control:** Use the physical volume knob or the on-screen controls to adjust audio levels.
- **Touch Screen:** Navigate the Android interface by tapping, swiping, and pinching on the 9-inch IPS touch screen.
- **Steering Wheel Controls:** Utilize your vehicle's existing steering wheel controls to manage audio playback, calls, and other functions.

3.2 Connectivity Features

- **Wireless CarPlay & Android Auto:** The unit supports both wireless CarPlay and wired Android Auto. Connect your smartphone via Bluetooth for wireless CarPlay or a USB cable for wired Android Auto to access navigation, music, messages, and more directly on the head unit screen.

Built-in Car-Play + Auto

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



This image shows the MekedeTech head unit screen running Apple CarPlay, with icons for Phone, Messages, Now Playing, Maps, and other applications.

- **4G LTE & Wi-Fi:** Insert a 4G SIM card into the designated slot to access the internet directly. Alternatively, connect to a Wi-Fi hotspot for internet access.
- **Bluetooth 5.0:** Pair your mobile device via Bluetooth for hands-free calling and audio streaming with high sound quality.
- **GPS Navigation:** The unit comes with built-in GPS navigation and pre-installed maps, providing reliable guidance for your journeys.

3.3 Initial Setup Steps (Cooling Fan & Audio)

For optimal performance, especially regarding the cooling fan and audio output, follow these initial setup steps:

Built-in 4G Lte and WIFI

The built-in 4G module allows you to connect to the cellular network almost anywhere, anytime. No need to open your cellular hotspot connection every time.



4G SIM card slot

The machine includes two SIM card slots, one on the back of the main unit and one on the RCA cable.



External SIM card slot

Support DSP Processor

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



This image details the internal specifications including the Octa-Core CPU, 3GB RAM, 32GB ROM, and highlights the cooling fan system designed to prevent overheating. It also illustrates initial setup steps for connecting and configuring sound and the cooling fan.

1. **Connect:** Ensure all cables are securely connected as per the installation guide.
2. **Settings - Device - Sound:** Navigate to the device settings menu, then select 'Sound' to configure audio preferences.
3. **Device - AMP ON:** Within the device settings, ensure the 'AMP ON' option is enabled for proper amplifier functionality.
4. **Cooling Fan:** The cooling fan will automatically activate as needed to maintain optimal operating temperature.

4. MAINTENANCE

To ensure the longevity and optimal performance of your MekedeTech Android Car Radio Stereo, consider the following maintenance guidelines:

- **Screen Cleaning:** Use a soft, lint-free cloth specifically designed for electronics to clean the touch screen. Avoid abrasive materials or harsh chemical cleaners.

- **Software Updates:** Periodically check for and install available software updates to ensure the system runs efficiently and securely.
- **Cooling System:** The unit features a built-in cooling fan designed to manage internal temperatures, especially during prolonged use or in hot environments. Ensure the fan vents are not obstructed to allow for proper airflow. This helps prevent abnormal operation due to high temperatures, such as unresponsive touch or functional issues.
- **Cable Connections:** Occasionally check all cable connections to ensure they are secure and free from damage.

5. TROUBLESHOOTING

If you encounter issues with your MekedeTech Android Car Radio Stereo, consider the following basic troubleshooting steps:

- **No Power:** Check all power cable connections. Ensure the vehicle's battery is properly connected and charged. Verify the fuse for the head unit.
- **No Sound:** Check speaker connections. Ensure the 'AMP ON' setting is enabled in the device settings (refer to Section 3.3). Verify volume levels are not muted or set too low.
- **Touch Screen Unresponsive:** Perform a soft reset of the unit (refer to the device's specific reset procedure, often a small reset button or holding the power button). Ensure the unit is not overheating, as high temperatures can affect touch screen responsiveness.
- **Bluetooth/Wi-Fi/4G Connectivity Issues:** Ensure the respective functions are enabled in the settings. For Bluetooth, try re-pairing the device. For Wi-Fi, verify the network password. For 4G, ensure the SIM card is correctly inserted and active.
- **CarPlay/Android Auto Not Connecting:** For Wireless CarPlay, ensure Bluetooth is enabled and connected. For Wired Android Auto, try a different USB cable and ensure your phone's Android Auto app is updated.
- **System Lag/Slow Performance:** Close unnecessary background applications. Clear system cache if an option is available in settings. Ensure the cooling fan is operating correctly to prevent performance degradation due to heat.

If problems persist after attempting these steps, please contact customer support for further assistance.

6. SPECIFICATIONS

Feature	Specification
Operating System	Android 12 OS
CPU	8-Core A53 1.8GHz
Memory	4GB RAM, 32GB ROM
Display Size	9 Inches
Display Resolution	1280x720 HD IPS Touch Screen
Power Output	4*50W
Connectivity	4G LTE, Wi-Fi, Bluetooth 5.0, Wireless CarPlay, Wired Android Auto
Navigation	Built-in GPS with Worldwide Map Type

Feature	Specification
Audio Formats	APE, FLAC, WAV, MP3, WMA, etc.
Video Formats	MKV, RMVB, AVI, MP4, MDV, etc.
Picture Formats	PNG, JPEG, JPG, GIF, WBMP, BNP, etc.
Human Interface Input	Buttons, Keyboard, Touchscreen

7. WARRANTY AND SUPPORT

7.1 Warranty Information

This MekedeTech Android Car Radio Stereo comes with a **1-Year Warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims.

7.2 Customer Support

For technical assistance, troubleshooting beyond the scope of this manual, or warranty inquiries, please contact MekedeTech customer support. You can typically find contact information on the official MekedeTech website or through the seller's page on the platform where you purchased the product.

You may also visit the [MekedeTech Store on Amazon](#) for additional product information and support resources.

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.

Name

Anonymous

Email

you@example.com

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