Nippon NDROID 9T

Nippon NDROID 9T Car MediaPlayer User Manual

Model: NDROID 9T

1. Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Nippon NDROID 9T Car MediaPlayer. Please read this manual thoroughly before using the device to ensure proper functionality and safety. Keep this manual for future reference.

2. Safety Information

Observe the following safety precautions to prevent damage to the device or injury to yourself and others:

- **Professional Installation Recommended:** Due to the complexity of car electronics, professional installation is highly recommended. Incorrect wiring can cause damage to the vehicle's electrical system or the MediaPlayer.
- **Power Supply:** Connect the device only to a 12V DC car battery with a negative ground.
- **Avoid Water and Moisture:** Do not expose the device to water, rain, or high humidity.
- **Temperature:** Operate the device within the recommended temperature range. Avoid extreme heat or cold.
- **Ventilation:** Ensure adequate ventilation around the unit to prevent overheating.
- **Driving Safety:** Do not operate the device in a way that distracts you from driving. Always prioritize road safety.

3. Package Contents

Verify that all items are present in the package:

- Nippon NDROID 9T Car MediaPlayer Unit
- Power Harness
- GPS Antenna
- USB Cables (x2)

- AHD Rear Camera Input Cable
- External Microphone
- RCA Output/Input Cables
- Mounting Screws



Image 3.1: Included accessories for the NDROID 9T Car MediaPlayer. This includes the GPS antenna, external microphone, two USB cables, the main power harness, RCA input/output cables, and mounting screws.

4. Product Overview

The Nippon NDROID 9T is a QLED Car MediaPlayer designed to enhance your in-car entertainment and navigation experience. It features a 9-inch display with 1280x720 resolution, built-in Wireless CarPlay and Android Auto, Bluetooth v5.2, and support for 2.4G & 5G WiFi.

4.1 Front Panel



Image 4.1: Front view of the NDROID 9T unit. The large 9-inch QLED display is prominent, with a series of touch-sensitive control buttons located on the left side of the screen. The Nippon brand logo and "NDROID 9T" model name are visible at the bottom.

1. **MIC:** Built-in microphone for voice commands and calls.
2. **RST:** Reset button (use a thin object to press).
3. **Power:** Power On/Off and screen sleep mode.
4. **Home:** Returns to the main home screen.
5. **Back:** Navigates back to the previous screen.
6. **Volume Up:** Increases audio volume.
7. **Volume Down:** Decreases audio volume.

4.2 Rear Panel and Connections



Image 4.2: Rear view of the NDROID 9T unit, displaying the main power connector, various RCA ports for audio/video input/output, antenna connectors (ANT, GPS), and USB ports. A sticker with the model identifier CNS9T003340 is visible.



Image 4.3: Close-up of the rear panel connections, specifically showing the ANT (radio antenna) and GPS antenna ports, along with a QC PASS sticker. The model identifier CNS9T003340 is also clearly visible.

- **POWER:** Main power and speaker output harness connection.
- **ANT:** Radio antenna input.
- **GPS:** GPS antenna input.
- **USB Ports:** For connecting USB devices (e.g., flash drives, external storage).
- **RCA Ports:** Audio/Video input and output for external amplifiers, subwoofers, and auxiliary video sources.
- **AHD Camera Input:** Dedicated input for AHD rear view camera.
- **External MIC:** Port for connecting the included external microphone.

Model Identifier: **CNS9T003340**

5. Setup and Installation

Installation of the NDROID 9T Car MediaPlayer requires electrical and mechanical knowledge. If you are unsure, consult a qualified professional installer.

1. **Disconnect Battery:** Before starting, disconnect the negative terminal of your vehicle's battery to prevent electrical shorts.
2. **Remove Old Head Unit:** Carefully remove your existing car stereo. Refer to your vehicle's service manual for specific instructions.
3. **Connect Wiring Harness:**
    - Connect the main power harness to the corresponding port on the NDROID 9T.
    - Match the wires from the NDROID 9T harness to your vehicle's wiring. Common connections include:
        - Yellow: Constant 12V (Battery)
        - Red: Switched 12V (Accessory/Ignition)
        - Black: Ground
        - Orange: Illumination/Dimmer
        - Blue: Power Antenna/Amplifier Remote
        - Speaker Wires: Front Left (+/-), Front Right (+/-), Rear Left (+/-), Rear Right (+/-)
    - Ensure all connections are secure and properly insulated.
4. **Connect Antennas:**
    - Connect the GPS antenna and position it in a location with a clear view of the sky (e.g., dashboard, under the windshield).
    - Connect the vehicle's radio antenna to the ANT port.
5. **Connect USB and Microphone:** Route the USB cables and external microphone to desired accessible locations within the vehicle. Connect them to the corresponding ports on the MediaPlayer.
6. **Connect Rear Camera (Optional):** If installing an AHD rear camera, connect its video output to the AHD Camera Input port on the MediaPlayer. Connect the camera's power to the reverse light circuit and the MediaPlayer's reverse trigger wire (usually labeled "BACK" or "REVERSE") to the same circuit.
7. **Test Connections:** Before fully mounting the unit, reconnect the vehicle battery and perform a basic test of the MediaPlayer's functions (power on, audio, radio, GPS signal, camera input).
8. **Mount the Unit:** Securely mount the NDROID 9T into the dashboard opening using the provided mounting screws and brackets.
9. **Reassemble Dashboard:** Carefully reassemble the dashboard components.

6. Operating Instructions

The NDROID 9T operates on Android V13, offering a user-friendly interface. Navigate using the touchscreen and side buttons.

6.1 Basic Operation

- **Power On/Off:** Press and hold the Power button on the side panel. A short press will turn the screen off/on.
- **Volume Control:** Use the Volume Up/Down buttons on the side panel or the on-screen controls.
- **Home Screen:** Tap the Home button to return to the main Android interface.
- **Back:** Tap the Back button to go to the previous screen or menu.

6.2 Wireless CarPlay and Android Auto

The NDROID 9T supports built-in Wireless CarPlay and Android Auto for seamless smartphone integration.

1. **Enable Bluetooth:** Ensure Bluetooth is enabled on your smartphone and the NDROID 9T.
2. **Pair Device:** On the NDROID 9T, go to the Bluetooth settings and search for your phone. Pair the devices.
3. **Launch CarPlay/Android Auto:** Once paired, the system should prompt you to launch CarPlay (for iPhone) or Android Auto (for Android phones). Alternatively, select the respective app icon from the main menu.
4. **Follow On-Screen Prompts:** Complete any setup steps on your phone or the MediaPlayer.

Note: For optimal performance, ensure your smartphone's operating system is up to date.

6.3 Bluetooth Connectivity (v5.2)

Connect your smartphone or other Bluetooth devices for hands-free calling and audio streaming.

1. **Access Bluetooth Menu:** From the main screen, tap the "Bluetooth" icon.
2. **Enable Bluetooth:** Ensure Bluetooth is turned on.
3. **Search for Devices:** The MediaPlayer will scan for available Bluetooth devices.
4. **Select and Pair:** Select your device from the list and confirm the pairing code if prompted.
5. **Functions:** Once connected, you can make/receive calls, access phone contacts, and stream audio.

6.4 Wi-Fi Connectivity (2.4G & 5G)

Connect to a Wi-Fi hotspot for internet access, app downloads, and online services.

1. **Access Wi-Fi Settings:** Go to "Settings" and then "Network & Internet" or "Wi-Fi".
2. **Turn On Wi-Fi:** Enable the Wi-Fi function.
3. **Select Network:** Choose your desired Wi-Fi network from the list of available networks.
4. **Enter Password:** Enter the Wi-Fi password if required and tap "Connect".

6.5 AHD Rear Camera

When a compatible AHD rear camera is connected and the vehicle is put into reverse gear, the display will automatically switch to the camera view.

- Ensure the camera is properly installed and wired according to Section 5.
- The system supports AHD (Analog High Definition) cameras for clearer images.

7. Maintenance

Proper care ensures the longevity and performance of your MediaPlayer.

- **Cleaning the Screen:** Use a soft, lint-free cloth to gently wipe the QLED display. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner. Do not use harsh chemicals or abrasive materials.
- **General Cleaning:** Keep the unit free from dust and debris. Use a soft brush or compressed air for vents and crevices.
- **Software Updates:** Periodically check for software updates through the system settings or the manufacturer's website to ensure optimal performance and access to new features.
- **Avoid Extreme Temperatures:** Do not leave the device exposed to direct sunlight for extended periods or in extremely cold conditions, as this can affect performance and lifespan.

8. Troubleshooting

If you encounter issues, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power	Incorrect wiring; Blown fuse; Vehicle battery issue.	Check power and ground connections. Verify the fuse in the power harness. Ensure vehicle battery is charged.
No sound	Speaker wires disconnected; Volume too low; Mute function active.	Check speaker connections. Increase volume. Disable mute.
Touchscreen unresponsive	System freeze; Software glitch.	Press the RST (Reset) button with a thin object. Restart the unit.
CarPlay/Android Auto not connecting	Bluetooth/Wi-Fi off; Phone not paired; Software issue.	Ensure Bluetooth and Wi-Fi are on. Re-pair your phone. Update phone OS and MediaPlayer software.
GPS signal weak/lost	GPS antenna obstructed or disconnected.	Ensure GPS antenna has a clear view of the sky and is securely connected.
Rear camera not displaying	Camera not powered; Video cable disconnected; Reverse trigger not connected.	Check camera power and video connections. Verify the reverse trigger wire is correctly connected.

If the problem persists after attempting these solutions, contact Nippon customer support.

9. Specifications

Feature	Detail
Model	NDROID 9T
Processor	Quad Core 1.5G A35*4
Operating System	Android V13
Display Type	QLED
Screen Size	9 Inches
Screen Resolution	1280 x 720 (HD)
RAM/ROM	2GB RAM / 32GB ROM
Wireless Connectivity	Wireless CarPlay, Android Auto
Bluetooth Version	v5.2
Wi-Fi Support	2.4G & 5G
Rear Camera Input	AHD (Analog High Definition)

Feature	Detail
Power Supply	12V DC (Negative Ground)

10. Warranty and Support

The Nippon NDROID 9T Car MediaPlayer comes with a **1-Year Warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use.

- **Warranty Claims:** For warranty service, please retain your proof of purchase. Contact Nippon customer support with details of the issue.
- **Exclusions:** The warranty does not cover damage caused by improper installation, misuse, accidents, unauthorized repairs, or normal wear and tear.
- **Customer Support:** For technical assistance, troubleshooting, or warranty inquiries, please visit the official Nippon website or contact their customer service department.

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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

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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.

Submit question

Answered questions about this manual

How can I fix slow boot times and Android Auto disconnects on the Nippon NDROID 9T?

To address slow boot times and connectivity issues with Android Auto on your Nippon NDROID 9T, please follow

these troubleshooting steps:Perform a System Reset: Use a thin object to press the RST (Reset) button...

Read full answer