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 > MekedeTech DUDUAUTO DUDU4 Android Screen for Audi A4 2000-2009 Android Car Radio 9.5 inch Wireless Carplay Head Unit,4G RAM 64GROM DUDU4-4-64 User Manual

MekedeTech DUDU4-4-64

MekedeTech DUDUAUTO DUDU4 Android Screen User Manual

Model: DUDU4-4-64
Brand: MekedeTech

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your MekedeTech DUDUAUTO DUDU4 Android Screen. This head unit is specifically designed for Audi A4 models from 2000-2009, offering a 9.5-inch touch screen upgrade with advanced features like Wireless CarPlay, Android Auto, 4G LTE, and Wi-Fi connectivity. Please read this manual thoroughly before using the product to ensure proper functionality and safety.

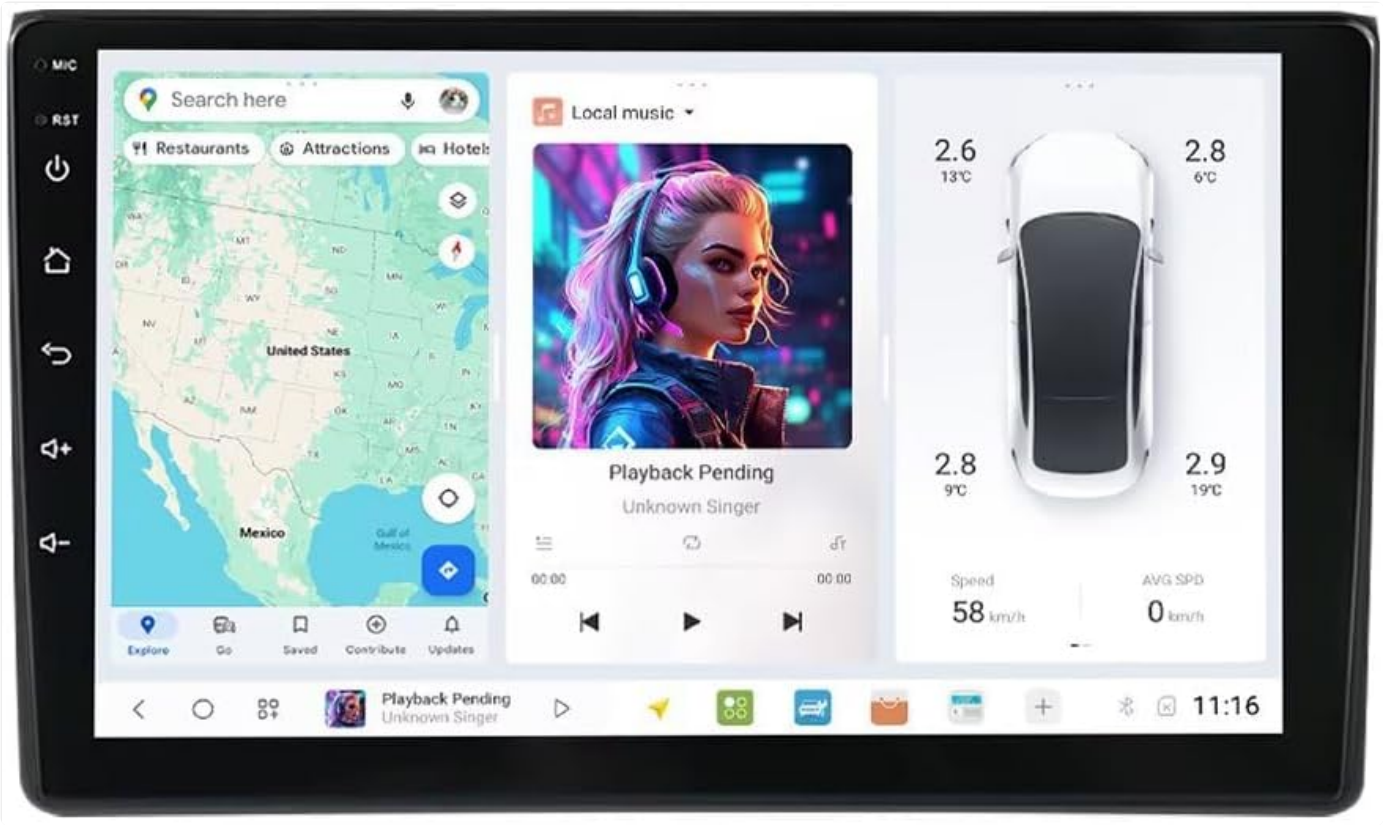


Image: The MekedeTech DUDUAUTO DUDU4 Android Screen displaying its user interface with navigation, music playback, and vehicle information widgets.

SETUP AND INSTALLATION

The DUDUAUTO DUDU4 head unit is designed for direct replacement in compatible Audi A4 vehicles. Professional installation is recommended to ensure correct wiring and integration with your vehicle's existing systems.

Pre-Installation Checklist:

- Ensure your vehicle is an Audi A4 model manufactured between 2000 and 2009.
- Gather all necessary tools (e.g., trim removal tools, screwdrivers, wiring connectors).
- Disconnect the vehicle's battery before beginning installation to prevent electrical damage.
- Familiarize yourself with your vehicle's dashboard layout and existing stereo removal procedure.

Installation Steps (General Overview):

1. Carefully remove the original car radio unit from the dashboard.
2. Connect the provided wiring harness from the DUDUAUTO DUDU4 to the vehicle's wiring. Ensure all connections are secure.
3. Connect the GPS antenna, Wi-Fi antenna, and any other external accessories (e.g., USB cables, microphone).
4. Carefully slide the new DUDUAUTO DUDU4 unit into the dashboard opening, ensuring no wires are pinched.
5. Secure the unit in place using the appropriate mounting brackets or screws.
6. Reconnect the vehicle's battery.
7. Power on the unit and perform initial setup and testing.

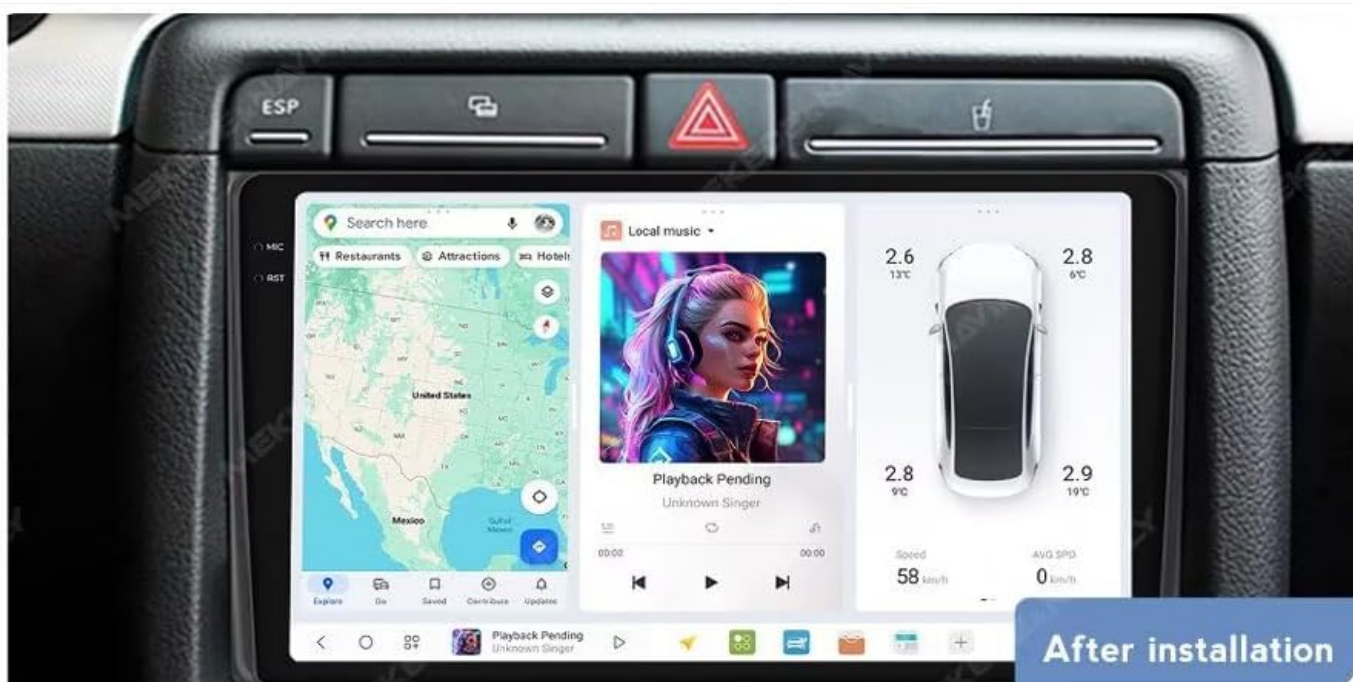


Image: A visual comparison showing the original Audi A4 dashboard with the factory radio (bottom left) and the same dashboard after the DUDUAUTO DUDU4 Android Screen has been installed (top and bottom right), demonstrating the seamless integration.

OPERATING INSTRUCTIONS

Your DUDUAUTO DUDU4 runs on Android OS, providing a familiar and intuitive user experience. The 9.5-inch in-cell screen offers clear and detailed visuals.

in-cell screen 1280*720

Enables clearer, more detailed images and videos.



Image: Close-up of the DUDUAUTO DUDU4's in-cell screen, highlighting its 1280x720 resolution with a vibrant display of a car interior.

Key Features:

- **Wireless CarPlay & Android Auto:**

Connect your iPhone or Android smartphone wirelessly for navigation, music, calls, and messages. This feature allows for a seamless integration of your phone's essential functions directly onto the head unit's display.

Supports wireless Car-play +Android Auto

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



Image: A visual representation of the DUDUAUTO DUDU4 screen displaying the Wireless CarPlay and Android Auto interfaces, with icons for phone, music, and navigation apps.

Connection Steps:

Wireless CarPlay (iOS system):

1. Connect your iPhone to the head unit via Bluetooth.
2. On the head unit, select the "CarPlay" icon.
3. Wait for the connection to establish. (CarPlay can also be connected via USB cable for wired connection).

Wired Android Auto (Android system):

1. Connect your Android phone to the head unit using a USB cable.
2. On the head unit, select the "Car Link" icon.
3. Wait for the connection to establish.

• 4G LTE & Wi-Fi Support:

Insert a SIM card (not included) into the designated slot for mobile data access, or connect to a Wi-Fi hotspot for internet connectivity. This enables online navigation, streaming, and app downloads.

- **Bluetooth 5.0 (Qualcomm 3031 chip):**

Enjoy stable and high-quality audio streaming and hands-free calling with the advanced Bluetooth 5.0 chip. This ensures low power consumption and faster transmission speeds.

- **Retain Steering Wheel Controls:**

The unit is designed to integrate with your vehicle's existing steering wheel controls, allowing you to manage volume, tracks, and calls without distraction.

- **DUDU OS 3.5:**

The operating system offers both "Simple" and "Enthusiast" modes, providing a streamlined yet powerful user experience. Explore various interface options and customize your display.



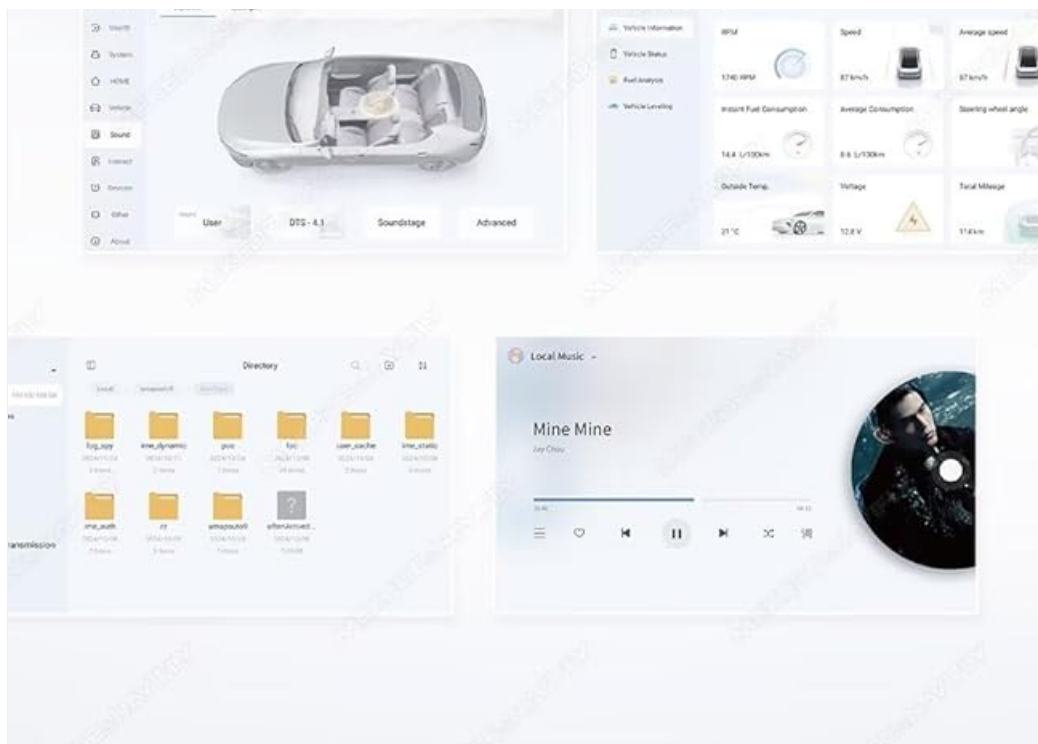


Image: Multiple screenshots showcasing the DUDU OS 3.5 interface, including navigation, music player, vehicle information, and file management screens, demonstrating its customizable and intuitive design.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your DUDUAUTO DUDU4 Android Screen.

- **Cleaning:** Use a soft, lint-free cloth to gently wipe the screen and unit exterior. Avoid abrasive cleaners or solvents that could damage the display or finish.
- **Software Updates:** Periodically check for software updates through the unit's settings or the manufacturer's website. Keeping the software updated ensures access to new features and performance improvements.
- **Temperature:** Avoid exposing the unit to extreme temperatures. Prolonged exposure to direct sunlight or very cold conditions can affect performance and lifespan.
- **Ventilation:** Ensure the unit's ventilation areas are not blocked to prevent overheating.

TROUBLESHOOTING

If you encounter issues with your DUDUAUTO DUDU4, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Unit does not power on.	Incorrect wiring; Blown fuse; Vehicle battery low.	Check all power connections; Inspect vehicle fuses; Charge or replace vehicle battery.
No sound from speakers.	Speaker wires disconnected; Volume too low; Mute function active.	Verify speaker wire connections; Increase volume; Disable mute.
CarPlay/Android Auto not connecting.	Bluetooth/USB connection issue; Phone settings.	Ensure Bluetooth is on and paired (CarPlay); Try a different USB cable (Android Auto); Check phone's CarPlay/Android Auto settings.
GPS signal is weak or inaccurate.	GPS antenna placement; Obstructions.	Ensure GPS antenna has a clear view of the sky; Relocate antenna if necessary.

Problem	Possible Cause	Solution
Touch screen unresponsive.	Software glitch; Screen damage.	Restart the unit; Perform a factory reset (data will be lost); Contact support if issue persists.

If the problem persists after attempting these solutions, please contact MekedeTech customer support for further assistance.

SPECIFICATIONS

The following table details the technical specifications of the MekedeTech DUDUAUTO DUDU4 Android Screen (DUDU4-4-64 model).

	DUDU4	DUDU5	DUDU6	DUDU7
RAM/ROM	4+32GB	4+64GB	6+64GB 8+128GB 8+256GB	6+64GB 12+256GB 8+128GB 12+512GB
CPU	8-Core UIS8581A	8-Core UIS7862	8-Core UIS7862S Customized verison A55 2.0Ghz 12nm process	8-Core UIS7870 Customized verison A76 2.7Ghz 6nm process
Memory type	emmc 5.1			UFS 3.1 Read data 1700M+
GPS	3 mode L1 B1 E1			Dual Band 6 mode L1 L5 B1 B2a E1 E5a
MIC	Condenser MIC			Digital noise cancelling MIC
USB interface	USB 2.0*3			Type-C USB 3.2 Gen1*1 USB 2.0*3
Power amplifier	TDA7838	TDA7851	TDA7850	TDA7808 Digital enhanced Class AB power amplifier
DSP	AK7604	AK7604	AKM7738	AKM7739 Velvet audio technology
Amp	/	/	2582*3	5532*3 Enhanced audio signal
Android version	Android 10 API=29			Android 13 API=33
car machine system	DUDU OS			
Audio output	RCA2.1 channel output	Fiber + coaxial RCA2.1 channel output	Fiber + coaxial RCA5.1 channel output	
BT chip	BT5.0			BT5.0 Qualcomm 3031 supports the aptx HD protocol
Filter	6000uF			10000uF

capacitance	6000µF	10000µF
Screen	In-cell Screen	9.5" / 10.36" / 11.5" : 2K 2000*1200 13" : 1920*1200
CP/AA	Support wired + wireless Car-play / Android AUTO	
Network	4G Lte external card slot + WIFI	
Radio	TDA4755	TDA7708
Voice Control	DUDU4 / 5 requires the purchase of voice control software to be supported.	Support voice control function
Supporting accessories (optional)	DVR, front + rear view camera, TPMS, BT SWC, etc. Note: Accessories are not included and are purchased separately. For more customization needs, please contact mekede&navifly.	

Image: A detailed comparison table outlining specifications for different DUDU series models (DUDU4, DUDU5, DUDU6, DUDU7), including RAM/ROM, CPU, memory type, GPS, MIC, USB, power amplifier, DSP, Bluetooth chip, WiFi type, radio IC, and screen resolution.

Feature	Specification (DUDU4-4-64)
Operation System	Android 10
CPU	8 Core UIS8581A
RAM / ROM	4GB RAM / 64GB ROM
Display Resolution	1280x720
Screen Type	9.5 inch In-cell Capacitive OLED
GPS	3 mode L1 B1 E1
Microphone	Condenser MIC
USB Interface	USB2.0*2
Power Amplifier	TDA7851
DSP	AK7604
Bluetooth Chip	BT5.0 (Qualcomm 3031)
WiFi Type	802.11a/b/g/n/ac Support 5G WIFI
Radio IC	TDA7708
Work Voltage	9V~16V
CarPlay / Android Auto	Support Wired and Wireless CarPlay and Android Auto
360 Panorama Support	No (DUDU4 does not support 360 panoramic view)

Powerful 8Core CPU

Adopts UIS8581A Smart Cockpit chip



Image: A close-up rendering of the UIS8581A Smart Cockpit chip, emphasizing its role as the powerful 8-core CPU within the DUDUAUTO head unit.

WARRANTY AND SUPPORT

MekedeTech products are manufactured with high-quality standards. For warranty information and customer support, please refer to the documentation included with your purchase or visit the official MekedeTech website.

For technical assistance, troubleshooting beyond this manual, or warranty claims, please contact MekedeTech customer service. Have your product model number (DUDU4-4-64) and purchase details ready when contacting support.

You can 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.

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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

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