MekedeTech DUDU3

MekedeTech DUDUAUTO DUDU3 Android Car Radio User Manual

Model: DUDU3-4-64

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your MekedeTech DUDUAUTO DUDU3 Android Car Radio. This unit is designed for specific VW models including Passat, Jetta, Tiguan, Golf MK5, MK6, T5, EOS, and Polo, offering an upgraded in-car entertainment and navigation experience.

Please read this manual thoroughly before installation and use to ensure proper function and to maximize your product's performance.

2. Product Overview

2.1 Key Features

- **Vehicle Compatibility:** Specifically designed for VW Passat, Jetta, Tiguan, Golf MK5, MK6, T5, EOS, Polo.
- **Wireless CarPlay & Android Auto:** Seamless integration with iPhone (Wireless CarPlay) and Android devices (Android Auto) for navigation, music, and communication.
- **Steering Wheel Control Retention:** Maintains original vehicle steering wheel control functionality for volume, track skipping, and channel switching.
- **Connectivity:** Supports 4G LTE (via SIM card) and Wi-Fi for internet access.
- **Display:** 9.5-inch IPS touchscreen with 1280x720 HD resolution, offering vibrant colors and wide viewing angles.
- **Operating System:** Android 10.
- **Processor & Memory:** 8-Core UIS8581 CPU, 4GB RAM, 64GB ROM.

2.2 Specifications

The MekedeTech DUDUAUTO DUDU3 unit features the following technical specifications:

Feature	Specification
Operation System	Android 10
CPU	8 Core UIS8581

Feature	Specification
Memory (RAM/ROM)	4GB RAM / 64GB ROM (eMMC)
Display Resolution	1280x720 (IPS Touchscreen)
GPS	Dual Band 3 modes L1 B1 E1
Microphone	Digital Noise Condenser Microphone
USB Ports	USB2.0*2
Power Amplifier	YD7388
WiFi Type	802.11a/b/g/n/ac Support 5G WIFI
Work Voltage	9V~16V
CarPlay/Android Auto	Support Wired and Wireless
360 Panorama Support	Not supported (requires 8G version chip)



Image: The DUDUAUTO DUDU3 Android Car Radio unit, showcasing its 9.5-inch display with a split-screen view of navigation and vehicle data. Physical buttons for audio control and navigation are visible below the screen.

Parameters of DUDU 3

RAM/ROM	**4+64**	Filter Capacitance	3300μF
CPU	8-Core **UIS8581**	Radio	4755IC FM radio
Storage	EMMC	Audio Output	RCA2.1 Channel Output
GPS	3 mode L1 E1 G1	BT Chip	Built-in BT
MIC	Condenser MIC	Network	4G Lte external card slot + WIFI
USB	USB 2.0*2	Screen	9.0″ / 10.1″ **1280*720**
DSP	TM2313	Android Version	Android 10 API=29
Power Amplifier	YD7388	System Function Differentiation	DUDU3 **Simplified Mode**
Amp	None	CP/AA	Support wired + wireless Car-Play / Android Auto

Image: A detailed table outlining the technical parameters of the DUDU 3 unit, including its 4+64 RAM/ROM configuration, 8-Core UIS8581 CPU, Android 10 OS, and support for wired and wireless CarPlay/Android Auto.



Image: A visual representation of the UIS8581A 8-Core CPU chip, which powers the DUDUAUTO DUDU3 unit, highlighting its central role in the system's performance.



Image: A close-up of the DUDUAUTO DUDU3's in-cell screen, demonstrating its 1280x720 resolution with a clear and detailed image, emphasizing visual quality.

3. Setup and Installation

Installation of the MekedeTech DUDUAUTO DUDU3 unit requires basic automotive electrical knowledge and tools. It is recommended that installation be performed by a qualified professional. Ensure the vehicle's battery is disconnected before beginning installation.

3.1 General Installation Steps (Consult a professional if unsure)

1. **Preparation:** Disconnect the negative terminal of the vehicle's battery.
2. **Remove Old Unit:** Carefully remove the existing car radio or head unit from the dashboard. This may involve removing trim panels and screws.
3. **Connect Wiring:** Connect the DUDUAUTO DUDU3's wiring harness to the vehicle's existing wiring. Ensure all connections (power, ground, speaker wires, antenna, GPS antenna, USB cables, etc.) are secure and correctly matched.

4. **Test Fit:** Before fully securing, temporarily connect the battery and power on the unit to ensure basic functionality (power, audio, display).
5. **Secure Unit:** Mount the DUDUAUTO DUDU3 unit into the dashboard opening, securing it with screws or clips as appropriate for your vehicle model.
6. **Reassemble:** Reinstall any removed trim panels and reconnect the vehicle battery.
7. **Initial Setup:** Power on the unit and follow the on-screen prompts for initial system configuration.

Note: Specific wiring diagrams and trim removal procedures vary by vehicle model. Refer to your vehicle's service manual or seek professional assistance.



Image: A visual comparison showing a car's dashboard with the original radio (bottom left) and the same dashboard after the DUDUAUTO DUDU3 Android Car Radio has been installed (top and bottom right), demonstrating the integrated appearance.

4. Operating Instructions

4.1 Wireless CarPlay and Android Auto

The DUDUAUTO DUDU3 supports both wireless CarPlay for iOS devices and wired/wireless Android Auto for Android

devices.

Wireless CarPlay (iOS System) Connection Steps:

1. Ensure Bluetooth is enabled on your iPhone.
2. On the DUDUAUTO unit, navigate to the "BT" (Bluetooth) application.
3. Pair your iPhone with the DUDUAUTO unit via Bluetooth.
4. Once paired, open the "Car Link" application on the DUDUAUTO unit.
5. Wait for the connection to establish. CarPlay should automatically launch.

Wired Android Auto (Android System) Connection Steps:

1. Connect your Android phone to the DUDUAUTO unit using a USB cable.
2. On the DUDUAUTO unit, open the "Car Link" application.
3. Wait for the connection to establish. Android Auto should automatically launch.

Note: Wireless Android Auto may also be supported depending on your phone model and Android version. Follow on-screen prompts for wireless setup if available.



Image: An instructional graphic detailing the connection process for both wireless CarPlay (for iOS devices via Bluetooth and Car Link app) and wired Android Auto (for Android devices via USB and Car Link app).

4.2 General System Operation

The DUDUAUTO DUDU3 runs on Android 10, providing a familiar interface similar to a tablet. You can navigate through applications, settings, and media using the touchscreen.

- **Home Screen:** Access frequently used apps and widgets.
- **App Drawer:** Swipe up or tap the app icon to view all installed applications.
- **Settings:** Access vehicle settings, display options, sound settings, network configurations, and more.
- **Navigation:** Utilize pre-installed navigation apps or download others from the Google Play Store (requires internet connection).
- **Media Playback:** Play music, videos, and view photos from USB drives, Bluetooth streaming, or online services.



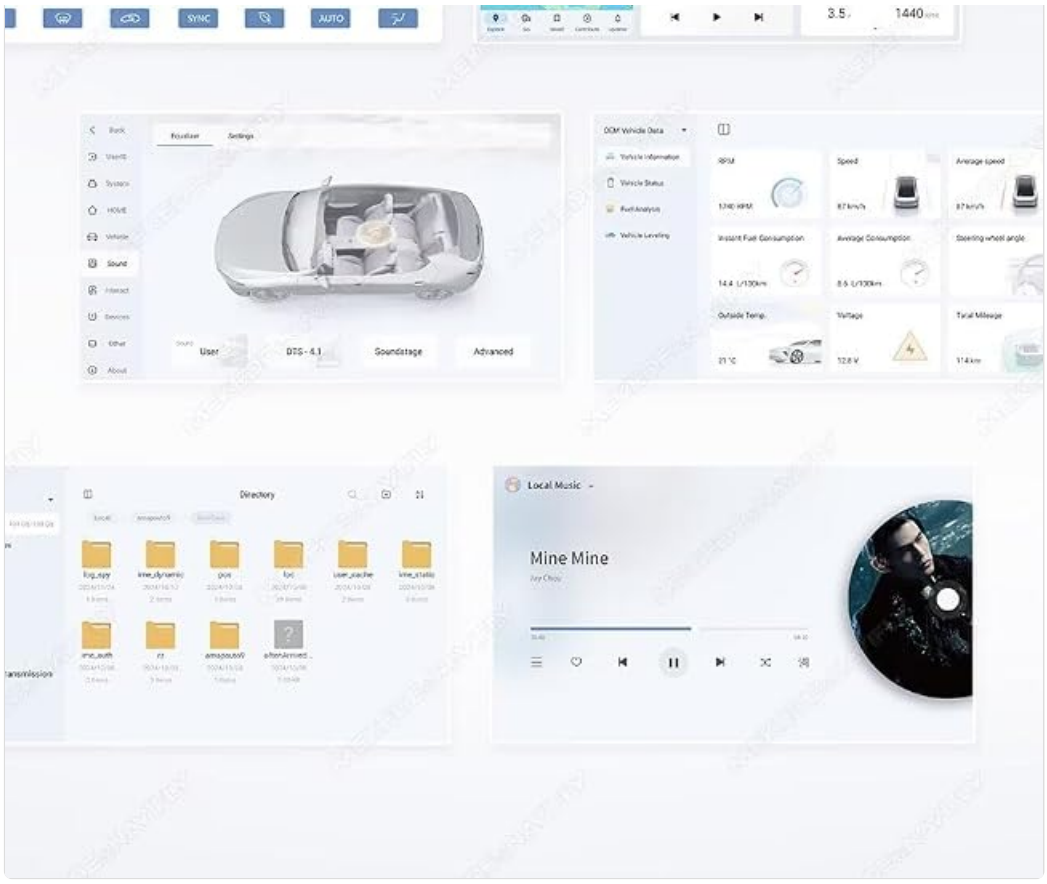


Image: Multiple screenshots illustrating the DUDU OS 3.5 interface, showcasing different themes, application layouts, and functionalities such as navigation, media playback, and vehicle information display.

4.3 4G LTE & Wi-Fi Connectivity

- **Wi-Fi:** To connect to Wi-Fi, go to Settings > Network & Internet > Wi-Fi. Select your desired network and enter the password.
- **4G LTE:** Insert a compatible SIM card into the designated slot (if available on your unit) to enable 4G mobile data. Configure APN settings if necessary via Settings > Network & Internet > Mobile network.

4.4 Steering Wheel Controls

The DUDUAUTO DUDU3 is designed to retain your vehicle's original steering wheel control functionality. After installation, the unit should automatically recognize and map most common steering wheel buttons. If any buttons are not functioning correctly, you may need to access the unit's settings (usually under "Car Settings" or "SWC Settings") to manually configure or re-map the controls.

5. Maintenance

Proper maintenance ensures the longevity and optimal performance of your DUDUAUTO DUDU3 Android Car Radio.

- **Screen Cleaning:** Use a soft, lint-free cloth slightly dampened with water or a screen cleaner specifically designed for electronics. Avoid harsh chemicals or abrasive materials.
- **Software Updates:** Periodically check for system software updates via the unit's settings (Settings > About device > System updates) to ensure you have the latest features and security patches.
- **Temperature Control:** Avoid exposing the unit to extreme temperatures for extended periods.
- **Cable Connections:** Ensure all cables connected to the unit are secure and free from damage.
- **System Reset:** If the unit becomes unresponsive, a soft reset (usually a small reset button or holding the power button) may resolve the issue. Consult the troubleshooting section before performing a factory reset.

6. Troubleshooting

This section addresses common issues you might encounter with your DUDUAUTO DUDU3 unit.

Problem	Possible Cause	Solution
Unit does not power on.	Incorrect wiring, blown fuse, vehicle battery issue.	Check power connections and vehicle fuses. Ensure battery is charged. Consult installation professional.
No sound from speakers.	Speaker wiring incorrect, volume too low, mute enabled, amplifier issue.	Verify speaker connections. Check volume and mute settings. Test with different audio sources.
CarPlay/Android Auto not connecting.	Bluetooth/USB connection issue, "Car Link" app not open, phone compatibility.	Ensure Bluetooth is on (CarPlay) or USB cable is connected (Android Auto). Open "Car Link" app. Restart phone and unit.
GPS signal is weak or inaccurate.	GPS antenna placement, environmental interference.	Ensure GPS antenna has a clear view of the sky and is securely connected. Avoid placing near metal obstructions.
Steering wheel controls not working.	Incorrect wiring, settings not configured.	Check SWC wiring. Access "SWC Settings" in the unit to manually map buttons.
Unit is slow or unresponsive.	Too many apps running, low memory, software glitch.	Close unnecessary applications. Restart the unit. Check for system updates. If persistent, consider a factory reset (backup data first).

7. Warranty and Support

7.1 Product Warranty

The MekedeTech DUDUAUTO DUDU3 Android Car Radio comes with a**1-Year Warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. It does not cover damage caused by improper installation, misuse, accidents, unauthorized repairs, or normal wear and tear.

Please retain your proof of purchase for warranty claims.

7.2 Customer Support

For technical assistance, warranty claims, or further inquiries, please contact MekedeTech customer support through the retailer where the product was purchased or visit the official MekedeTech website for contact information.
Manufacturer: Shenzhen Mekede Technology Co.,Ltd

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

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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