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› MekedeTech DUDUAUTO DUDU5 Android 13 Car Radio User Manual for Subaru Forester XV WRX 2013-2014

MekedeTech DUDU5

MekedeTech DUDUAUTO DUDU5 Android 13 Car Radio User Manual

For Subaru Forester XV WRX 2013-2014

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your MekedeTech DUDUAUTO DUDU5 Double Din Android 13 Car Radio. This multimedia player is designed for specific Subaru Forester XV WRX models from 2013 to 2014, offering advanced features such as Wireless CarPlay, Android Auto, and a 9.5-inch high-resolution display.



Image 1.1: MekedeTech DUDUAUTO DUDU5 Car Radio integrated into a Subaru dashboard.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.

Package Contents



Machine



Power Cable



MIC



RCA Cable



Reversing camera



USB Plug x3



Fakra 4G Antenna



Fakra GPS Antenna
(For DUDU7 only)



Fakra GPS Antenna
(For DUDU6 only)

Image 2.1: Overview of included components.

- Main Head Unit (Machine)
- Power Cable
- Microphone (MIC)
- RCA Cable
- Reversing Camera
- USB Plugs (x3)
- Fakra 4G Antenna
- Fakra GPS Antenna (for DUDU7 only)
- Fakra GPS Antenna (for DUDU6 only)

Note: The specific GPS antenna included may vary based on the DUDU model variant.

3. SETUP AND INSTALLATION

The MekedeTech DUDUAUTO DUDU5 is designed for plug-and-play installation in compatible Subaru Forester XV WRX 2013-2014 models. Professional installation is recommended to ensure proper functionality and to avoid damage to your vehicle's electrical system.

3.1 Pre-Installation Check

- Ensure the vehicle's ignition is off and the battery is disconnected before starting installation.
- Confirm all necessary tools are available.
- Review your vehicle's specific dashboard disassembly instructions.

3.2 Installation Steps

1. Carefully remove the original car radio and dashboard trim.
2. Connect the provided power cable to the vehicle's wiring harness.
3. Connect the GPS antenna, 4G antenna, and other peripheral cables (USB, RCA, microphone, reversing camera) to the corresponding ports on the DUDU5 head unit.
4. Mount the DUDU5 head unit into the dashboard opening.
5. Reconnect the vehicle battery and test the unit's functionality before fully reassembling the dashboard.

	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 capacitance	6800μF		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 3.1: Before and After installation comparison.

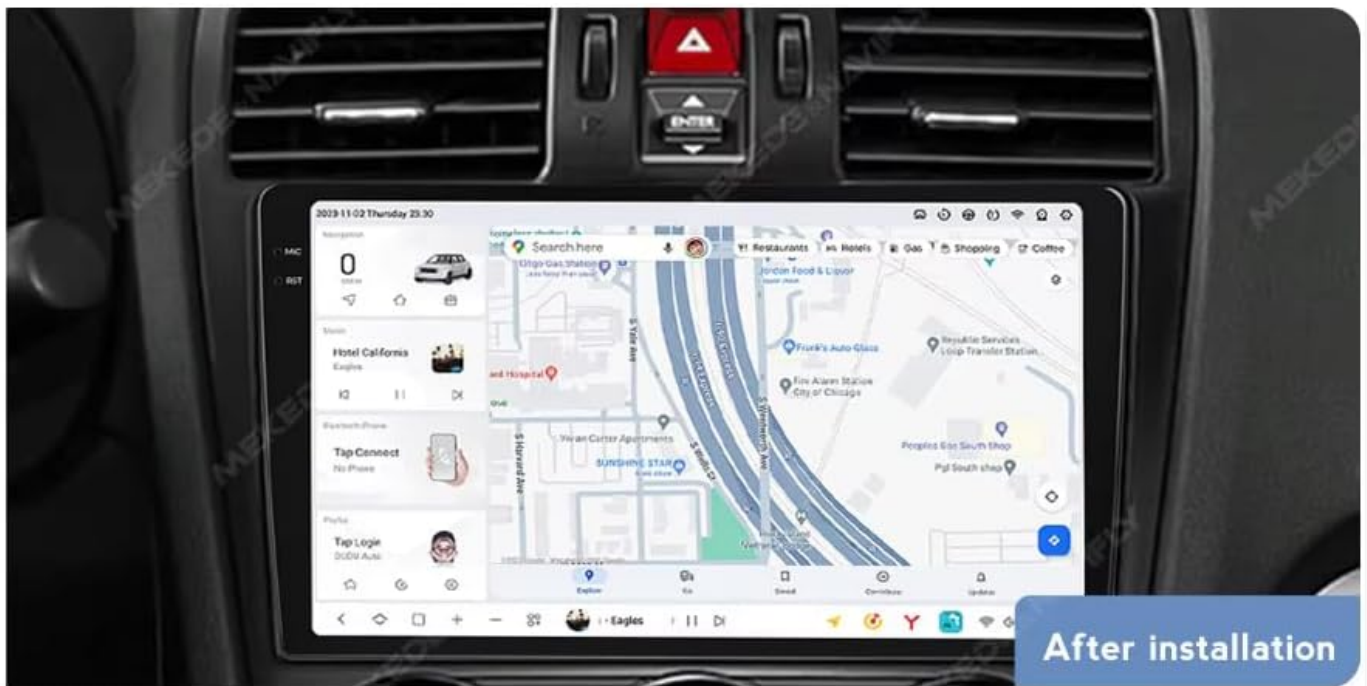


Image 3.2: DUDUAUTO DUDU5 after successful installation.

4. OPERATING INSTRUCTIONS

4.1 Powering On and Initial Setup

After installation, turn on your vehicle's ignition. The DUDU5 unit will boot up, displaying the DUDU OS 3.0 interface. Follow any on-screen prompts for initial language, time zone, and network settings.

in-cell screen 1280*720

Enables clearer, more detailed images and videos.



Image 4.1: DUDU OS 3.0 User Interface.

4.2 Display Features

The DUDU5 features a 9.5-inch in-cell screen with a resolution of 1280x720, providing clear and detailed visuals for navigation, media, and applications.

Supports wireless Car-play +Android Auto

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



Image 4.2: In-cell screen 1280x720 resolution.

4.3 Wireless CarPlay and Android Auto

The unit supports both wireless CarPlay (for iOS devices) and wired/wireless Android Auto (for Android devices), allowing seamless integration of your smartphone's features.

DUDU5

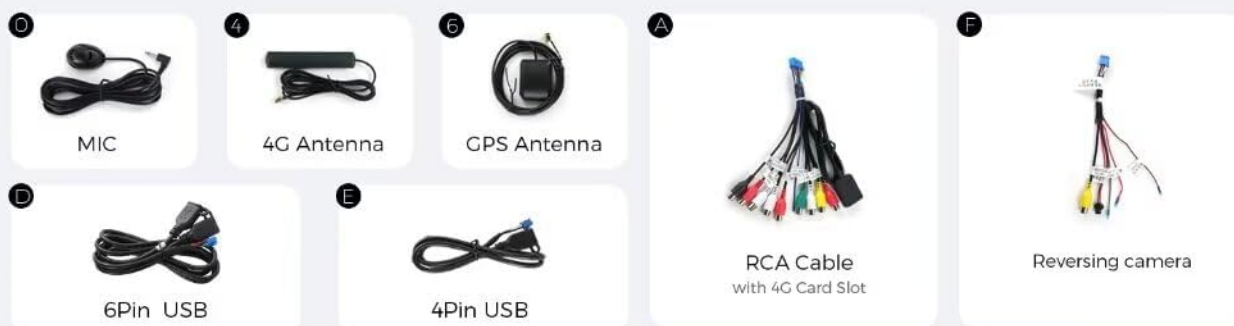
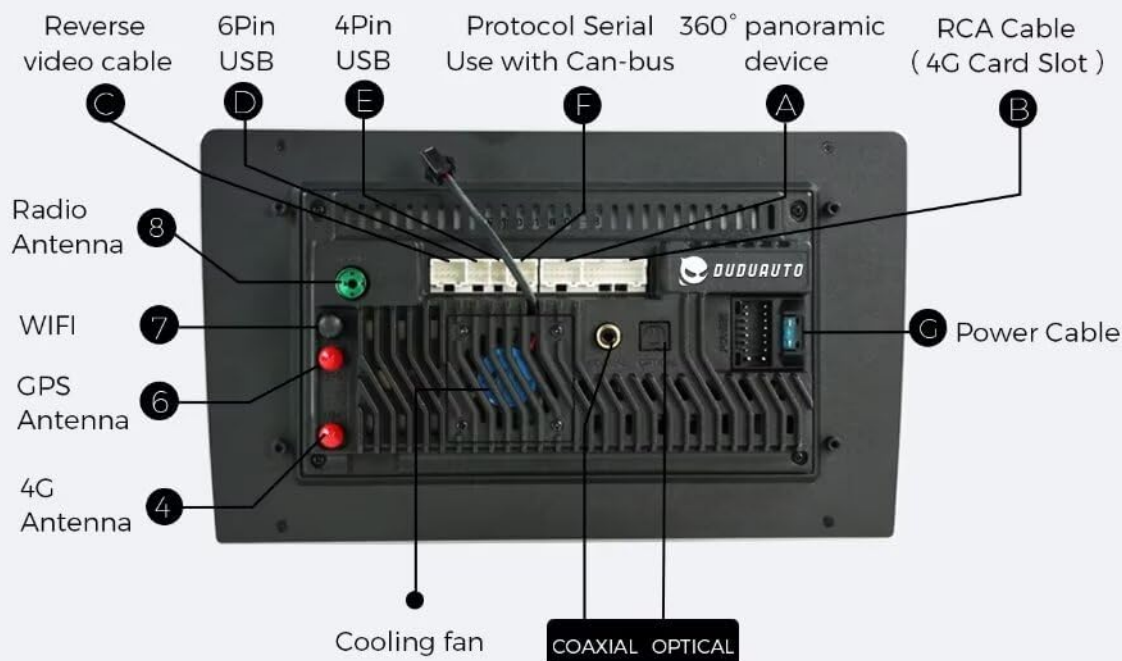


Image 4.3: Wireless CarPlay and Android Auto support.

Wireless CarPlay (iOS System)

1. Connect your iPhone to the DUDU5 via Bluetooth.
2. On the DUDU5, click on the 'CarLink' application.
3. Wait for the connection to establish. CarPlay can also be connected via USB cable.

Wired Android Auto (Android System)

1. Connect your Android phone to the DUDU5 using a USB cable.
2. On the DUDU5, click on the 'CarLink' application.
3. Wait for the connection to establish.

4.4 Bluetooth 5.0 Connectivity

Equipped with a Qualcomm 3031 Bluetooth 5.0 chip, the DUDU5 offers low power consumption, faster transmission speeds, and stable signal for high-quality calls and music streaming without delay.

4.5 4G LTE and WiFi

The unit supports 4G LTE functionality, allowing you to insert a 4G SIM card for internet access anywhere. Alternatively, you can connect to the internet using the built-in WiFi function.

5. SPECIFICATIONS

The MekedeTech DUDUAUTO DUDU5 features an 8-Core UIS7862 CPU and runs on Android 13, providing robust performance for multimedia and navigation tasks.

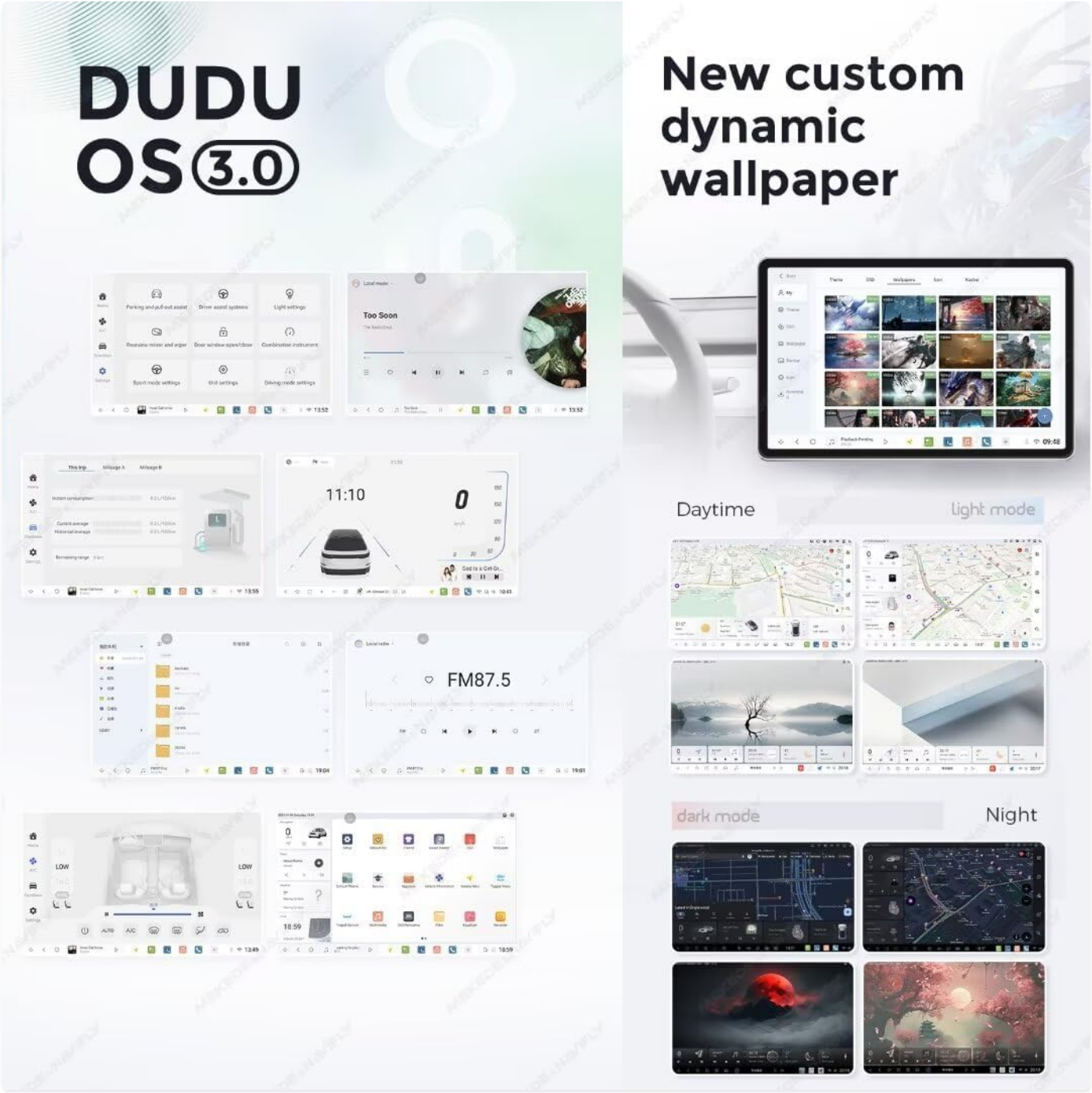


Image 5.1: Powerful 8-Core UIS7862 CPU.

MekedeTech DUDU Series Specifications Comparison

Feature	DUDU5 (8G RAM 128G ROM)
Operation System	Android 13
CPU	8 Core UIS7862
RAM/ROM	8G RAM 128G ROM
Display Resolution	1280x720 (In-cell screen)
GPS	3 mode L1 B1 E1
Microphone	Condenser MIC
USB Interface	USB2.0*3
Power Amplifier	TDA7851
DSP	AK7604
Bluetooth Chip	Qualcomm 3031 (BT5.0)
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
360 Panorama	Support (optional system)
Connectivity Technology	Wireless
Human Interface Input	Buttons, Keyboard, Microphone, Touchscreen

Powerful 8Core CPU

Adopts UIS7862 Smart Cockpit chip



Image 5.2: DUDU Series Specifications Comparison.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your DUDUAUTO DUDU5 car radio. For problems not listed here, please contact customer support.

6.1 No Power / Unit Does Not Turn On

- **Check Power Connections:** Ensure all power cables are securely connected to the unit and the vehicle's wiring harness.
- **Check Vehicle Fuse:** Inspect the vehicle's fuse box for any blown fuses related to the car radio or accessory power.
- **Test Vehicle Battery:** Confirm the vehicle battery has sufficient charge.

6.2 No Sound

- **Volume Level:** Ensure the volume is not muted or set to a very low level.
- **Speaker Connections:** Verify that all speaker wires are correctly connected to the unit and are not short-circuited.
- **Audio Source:** Confirm the correct audio source (e.g., Radio, Bluetooth, CarPlay) is selected.

6.3 GPS Signal Issues

- **Antenna Placement:** Ensure the GPS antenna is installed in a location with a clear view of the sky, free from obstructions.
- **Antenna Connection:** Check that the GPS antenna is securely connected to the unit.
- **Software:** Verify that the navigation software is up-to-date.

6.4 CarPlay/Android Auto Connection Problems

- **Bluetooth/USB Connection:** For wireless CarPlay, ensure Bluetooth is enabled and paired. For wired Android Auto, use a high-quality USB cable and ensure it's securely connected.
- **Phone Settings:** Check your phone's settings to ensure CarPlay or Android Auto is enabled and allowed to connect to the head unit.
- **App Updates:** Ensure the CarPlay/Android Auto app on your phone is updated to the latest version.

7. MAINTENANCE

To ensure the longevity and optimal performance of your MekedeTech DUDUAUTO DUDU5 car radio, follow these maintenance guidelines:

- **Cleaning the Screen:** Use a soft, lint-free cloth to gently wipe the screen. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner. Avoid harsh chemicals or abrasive materials.
- **Software Updates:** Periodically check for and install software updates provided by MekedeTech to ensure the unit has the latest features, bug fixes, and security enhancements.
- **Avoid Extreme Temperatures:** Do not expose the unit to extreme heat or cold for extended periods, as this can affect its electronic components.
- **Cable Management:** Ensure all cables are properly routed and secured to prevent damage from vibration or snagging.

8. WARRANTY AND SUPPORT

8.1 Warranty Information

The MekedeTech DUDUAUTO DUDU5 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, or unauthorized modifications.

Please retain your proof of purchase for warranty claims.

8.2 Customer Support

For technical assistance, warranty claims, or any questions regarding your DUDUAUTO DUDU5 car radio, please contact MekedeTech customer support. You can find more information and contact details by visiting the official [MekedeTech Store on Amazon](#).

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