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› MekedeTech DUDUAUTO DUDU4 Android Car Radio User Manual for Mazda CX-5 (2012-2015)

MekedeTech DUDU4

MekedeTech DUDUAUTO DUDU4 Android Car Radio User Manual

Model: DUDU4

Vehicle Compatibility: Mazda CX-5 (2012-2015)

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your MekedeTech DUDUAUTO DUDU4 Android Car Radio. This head unit is designed to integrate seamlessly into Mazda CX-5 models from 2012 to 2015, offering advanced multimedia and connectivity features.

2. SAFETY INFORMATION

- Read all instructions carefully before installation and use.
- Professional installation is highly recommended to prevent damage to the unit or your vehicle's electrical system.
- Do not operate the device in a manner that distracts you from driving. Always prioritize road safety.
- Ensure all wiring connections are secure and properly insulated to avoid short circuits.
- Keep the unit away from water and excessive moisture.

3. SETUP AND INSTALLATION

The DUDUAUTO DUDU4 Android Car Radio is designed for direct fitment in Mazda CX-5 vehicles manufactured between 2012 and 2015. It replaces the factory head unit, upgrading your vehicle's infotainment system.

3.1 Pre-Installation Overview

Before beginning installation, ensure your vehicle's ignition is off and the battery is disconnected. Familiarize yourself with the existing dashboard layout and the components of the new head unit.



This image illustrates the vehicle's dashboard before and after the installation of the MekedeTech DUDUAUTO DUDU4 Android Screen. The top panel shows the new Android screen integrated into the dashboard, displaying navigation and media interfaces. The bottom left panel shows the original factory radio unit. The bottom right panel shows the new Android screen installed, replacing the original unit and enhancing the vehicle's interior.

3.2 Wiring and Connections

Connect the provided wiring harness to the vehicle's factory harness. Ensure all connectors are firmly seated. The unit supports retaining original steering wheel controls, which will function automatically upon proper connection.

- **Power Connection:** Connect the main power harness.
- **Speaker Connections:** Connect the speaker output wires to the vehicle's speaker harness.
- **GPS Antenna:** Mount the GPS antenna in a location with a clear view of the sky, typically on the dashboard or under the windshield.
- **USB Ports:** Connect the USB extension cables to the unit and route them to an accessible location.
- **Radio Antenna:** Connect the vehicle's radio antenna.

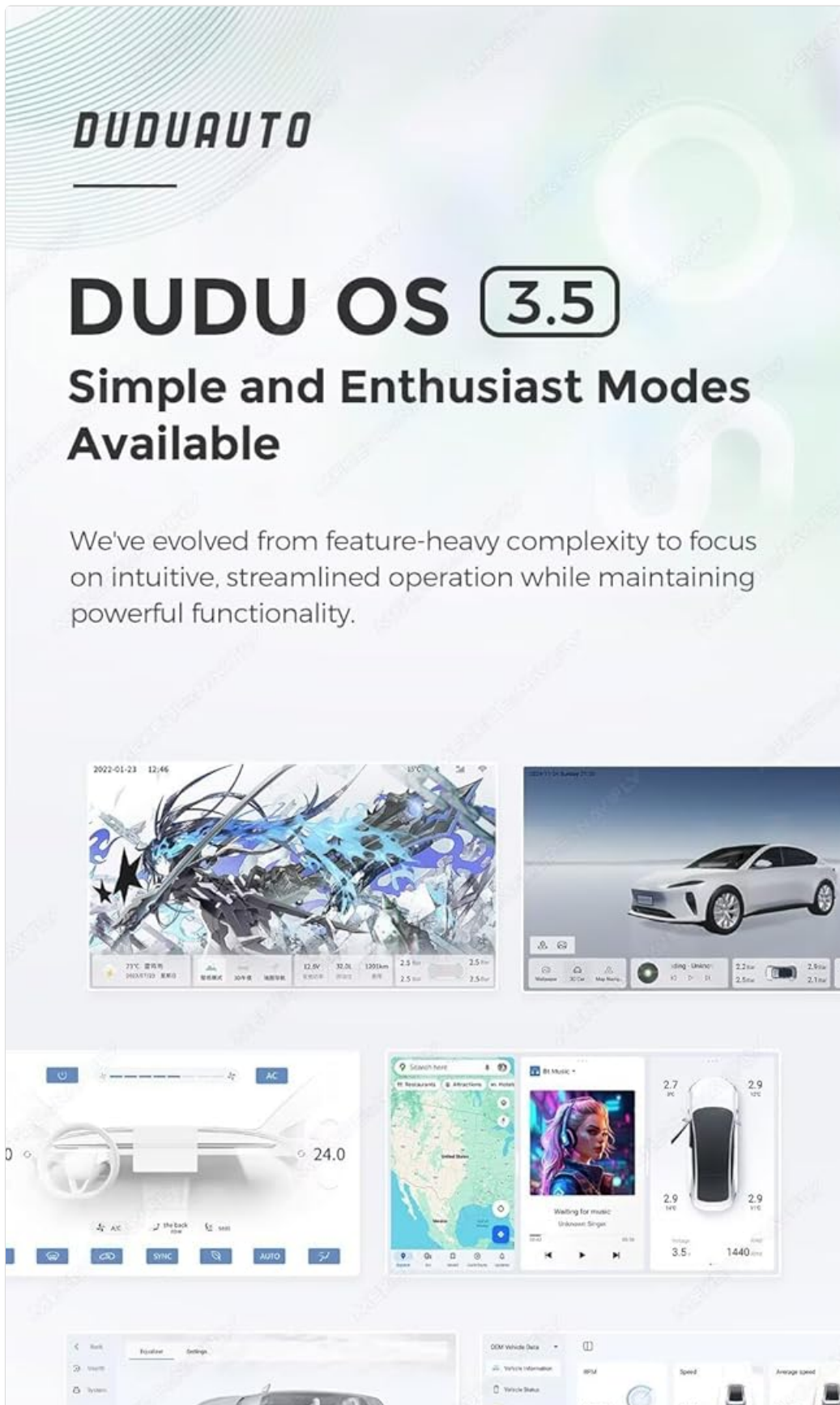
After all connections are made, carefully mount the head unit into the dashboard opening. Reconnect the vehicle battery and test the unit's functionality.

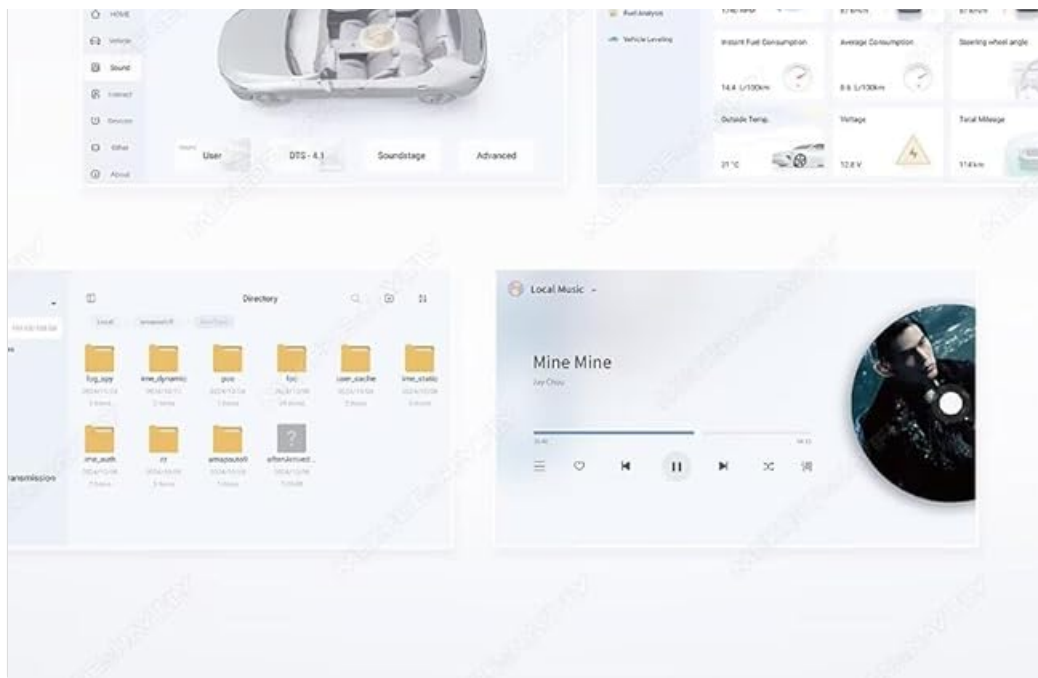
4. OPERATING INSTRUCTIONS

The DUDUAUTO DUDU4 operates on Android 10, providing a user-friendly interface and access to various applications.

4.1 Powering On and Initial Setup

Turn on your vehicle's ignition. The unit will power on automatically. Follow the on-screen prompts for initial setup, including language selection and time zone.





This image displays the DUDU OS 3.5 interface, showcasing different operational modes and applications. It highlights the intuitive design with various widgets for navigation, media playback, and vehicle information, offering both simple and enthusiast modes for user preference.

4.2 Wireless CarPlay and Android Auto

The DUDU4 supports both Wireless CarPlay for iOS devices and Android Auto for Android devices, allowing seamless integration of your smartphone's features.

Supports wireless Car-play +Android Auto

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



This diagram illustrates the connection steps for both Wireless CarPlay (for iOS) and Wired Android Auto (for Android). For Wireless CarPlay, connect via Bluetooth and then select 'Car Link'. For Wired Android Auto, connect your mobile phone via a USB cable and then select 'Car Link'.

- **Wireless CarPlay (iOS):**

1. Enable Bluetooth on your iPhone and the DUDU4 unit.
2. Pair your iPhone with the DUDU4 via Bluetooth.
3. On the DUDU4, select the 'Car Link' application and wait for the connection to establish.

- **Android Auto (Wired):**

1. Connect your Android phone to the DUDU4 using a USB cable.
2. On the DUDU4, select the 'Car Link' application and wait for the connection to establish.

4.3 Bluetooth 5.0 Connectivity

The unit features a Qualcomm 3031 Bluetooth 5.0 chip, offering stable and high-quality audio streaming and hands-free calling.

- Go to the Bluetooth settings on the DUDU4.
- Enable Bluetooth on your mobile device and search for available devices.

- Select 'DUDU4' from the list on your mobile device to pair.
- Once paired, you can make calls, stream music, and access contacts.

4.4 4G LTE & Wi-Fi Support

Stay connected with built-in Wi-Fi and 4G LTE support (requires a SIM card, not included).

- **Wi-Fi:** Access Wi-Fi settings to connect to available Wi-Fi networks (e.g., mobile hotspot).
- **4G LTE:** Insert a compatible SIM card into the designated slot for mobile data access.

4.5 Radio and Multimedia

Access FM/AM radio stations and play various multimedia files from USB drives or internal storage.

- **Radio:** Select the 'Radio' application to tune into stations.
- **Media Playback:** Use the 'Local Music' or 'Video Player' applications to play files from connected USB devices or the unit's internal storage.

4.6 Navigation

The DUDU4 includes a GPS module for navigation. Pre-installed maps or online navigation apps can be used.

- Select the 'Navigation' or 'Maps' application.
- Enter your destination and follow the on-screen directions.

5. SPECIFICATIONS

Detailed technical specifications for the MekedeTech DUDUAUTO DUDU4 Android Car Radio.

Powerful 8Core CPU

Adopts UIS8581A Smart Cockpit chip



This image features the UIS8581A 8-Core CPU chip, highlighting its role as the powerful processor within the DUDUAUTO DUDU4 Android Screen.

in-cell screen 1280*720

Enables clearer, more detailed images and videos.



This image provides a close-up view of the 9.5-inch in-cell screen, emphasizing its 1280x720 resolution, which enables clearer and more detailed images and videos for an enhanced viewing experience.

Feature	Specification (DUDU4)
Operation System	Android 10
CPU	8 Core UIS8581A
RAM/ROM	4GB RAM / 64GB ROM
Memory Type	eMMC 5.1
Display Size	9.5 inch
Display Resolution	1280x720
Screen Type	In-cell Capacitive Touchscreen
GPS	3 mode L1 B1 E1
Microphone	Condenser MIC

Feature	Specification (DUDU4)
USB	USB2.0*2
Power Amplifier	TDA7838
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	Wireless CarPlay, Wired Android Auto
Network	4G LTE external card slot + WIFI
Audio Output	RCA 2.1 channel output
Voice Control	DUDU4 does not include voice control software. Purchase separately.

6. MAINTENANCE

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

- **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.
- **Software Updates:** Periodically check for software updates to ensure you have the latest features and bug fixes. Follow the on-screen instructions for any available updates.
- **Environmental Conditions:** Avoid exposing the unit to extreme temperatures or direct sunlight for prolonged periods when the vehicle is parked.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your DUDUAUTO DUDU4 unit.

- **No Power:**
 - Check all power connections and ensure they are secure.
 - Verify the vehicle's fuse for the radio is intact.
- **No Sound:**
 - Check speaker wire connections.
 - Ensure the volume is not muted or set to zero.
 - Verify audio output settings in the system menu.
- **GPS Signal Loss:**
 - Ensure the GPS antenna is properly connected and has a clear view of the sky.
 - Move the vehicle to an open area away from tall buildings or dense foliage.

- **CarPlay/Android Auto Not Connecting:**

- For Wireless CarPlay, ensure Bluetooth is enabled and paired, and Wi-Fi is active on both devices.
- For Android Auto, try a different USB cable. Ensure your phone's Android Auto app is updated.
- Restart both the head unit and your smartphone.

- **Touchscreen Unresponsive:**

- Perform a soft reset by pressing the reset button (if available) or turning off the vehicle's ignition and restarting.

8. WARRANTY AND SUPPORT

Your MekedeTech DUDUAUTO DUDU4 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, or unauthorized modifications.

For technical support, warranty claims, or further assistance, please contact MekedeTech customer service through the retailer where the product was purchased or visit the official MekedeTech website for contact information.