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› Biorunn DUDUAUTO DUDU7 Android 13 Car Stereo for Ford Focus 2005-2008 User Manual

Biorunn DUDU7

Biorunn DUDUAUTO DUDU7 Android 13 Car Stereo User Manual

For Ford Focus 2005-2008 Models

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your Biorunn DUDUAUTO DUDU7 Android 13 Car Stereo. Please read this manual thoroughly before using the product to ensure proper function and safety. This unit is designed for Ford Focus models manufactured between 2005 and 2008.

2. PACKAGE CONTENTS

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

Package Contents



Machine



MIC



RCA Cable



Reversing camera



USB Plug x3



Fakra 4G Antenna



Fakra GPS Antenna
(For DUDU7 only)



Fakra GPS Antenna
(For DUDU6 only)

Image: Overview of all items included in the DUDUAUTO DUDU7 car stereo package.

- 1 x Stereo Head Unit (Main Machine)
- 1 x Frame Kit (for Ford Focus 2005-2008)
- 1 set Wire Harness
- 1 x Microphone (MIC)
- 1 x RCA Cable (with 4G Card Slot)
- 1 x Reversing Camera Cable (Optional, if included in your specific package)
- 3 x USB Plugs (various types)
- 1 x Fakra 4G Antenna
- 1 x Fakra GPS Antenna (Specific to DUDU7 model)

3. SETUP AND INSTALLATION

Professional installation is recommended for this product. Ensure the vehicle's power is disconnected before beginning installation. Refer to the wiring diagram for correct connections.

3.1 Compatibility Check

This unit is specifically designed for Ford Focus models from 2005 to 2008. Before installation, compare the dimensions and shape of your vehicle's center console with the provided images to confirm compatibility.



Image: Visual comparison of the Ford Focus dashboard before and after the DUDUAUTO DUDU7 car stereo installation.

3.2 Wiring Connections

Identify the various ports on the back of the DUDU7 head unit and connect the corresponding cables from your vehicle and the included accessories.

DUDU7

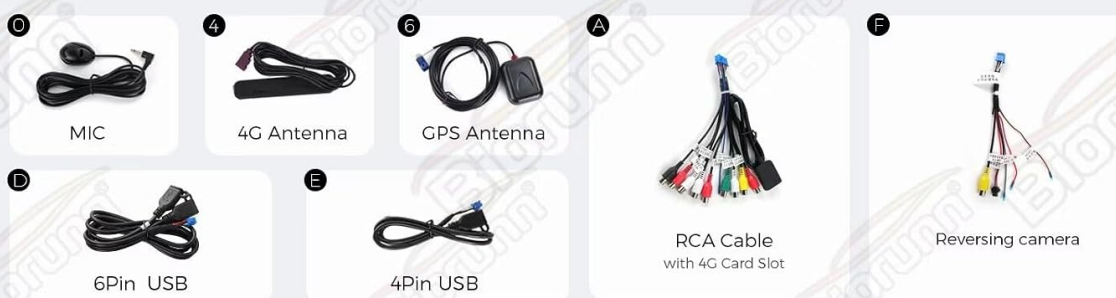
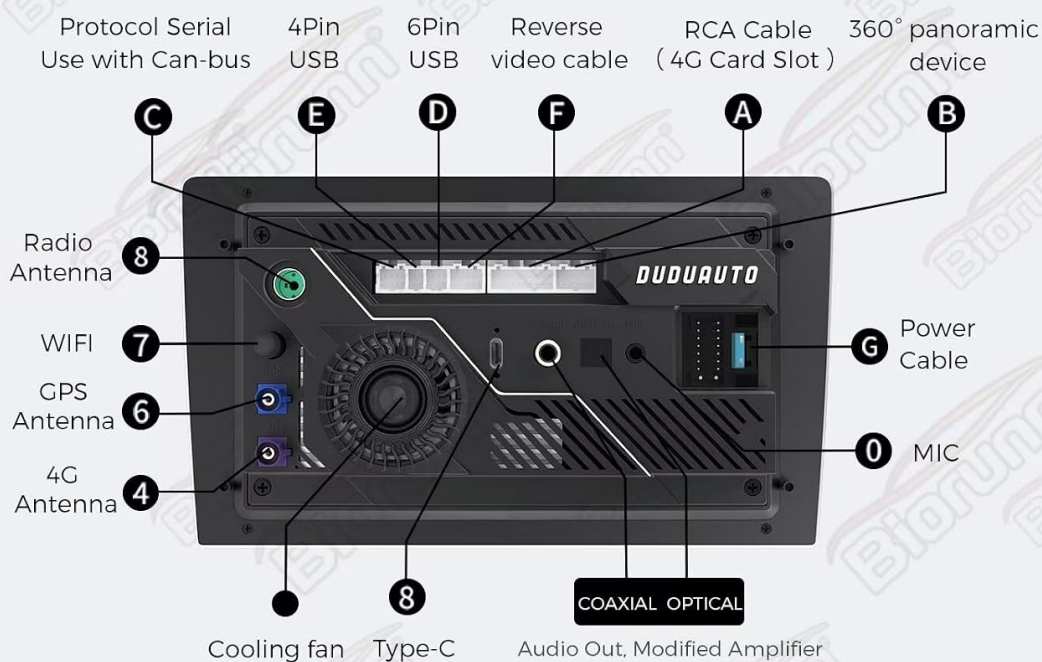


Image: Rear panel connection diagram for the DUDUAUTO DUDU7 head unit.

- **Power Cable (G):** Connect to the vehicle's power supply.
- **Radio Antenna (8):** Connect your vehicle's radio antenna.
- **WiFi Antenna (7):** Connect the included WiFi antenna for network connectivity.
- **GPS Antenna (6):** Connect the included GPS antenna for navigation.
- **4G Antenna (4):** Connect the included 4G antenna for cellular data (if applicable).
- **MIC (0):** Connect the external microphone for hands-free calling.
- **USB Ports (D, E):** Connect the 4Pin and 6Pin USB cables for external devices.
- **RCA Cable (A):** Connect for audio/video input/output, including the 4G card slot.
- **Reverse Video Cable (F):** Connect for a reversing camera input.
- **360 Panoramic Device (B):** Optional connection for 360-degree camera systems (requires separate purchase).
- **Protocol Serial (C):** Use with Can-bus for vehicle data integration.
- **Type-C (8):** For data transfer or specific accessories.
- **Coaxial Optical Audio Out:** For connecting to an external modified amplifier.

4. OPERATING INSTRUCTIONS

The DUDUAUTO DUDU7 operates on DUDU OS with Android 13, offering a user-friendly interface and extensive features.

4.1 Initial Power On and System Setup

After successful installation, turn on your vehicle's ignition. The unit will boot up. Follow the on-screen prompts for initial setup, including language selection, time zone, and network configuration.

4.2 DUDU OS Interface and Customization

The DUDU OS 3.0 offers flexible operation modes and extensive customization options.

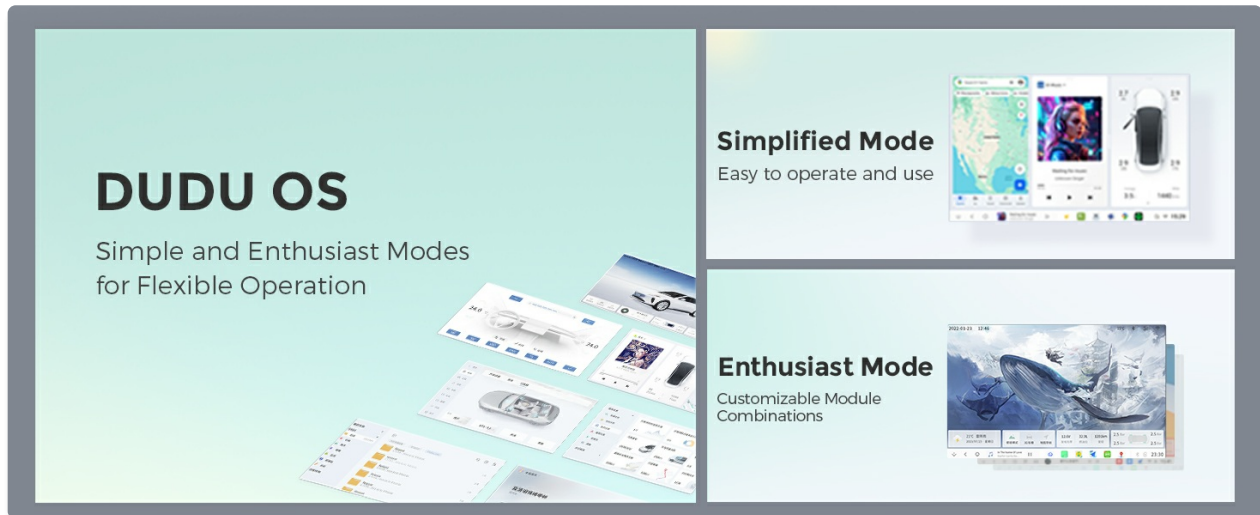


Image: DUDU OS interface showcasing Simple and Enthusiast Modes for flexible operation.

- **Simplified Mode:** Easy to operate and use, ideal for basic functions.
- **Enthusiast Mode:** Offers customizable module combinations for advanced users.
- **Dynamic Wallpapers:** Importable dynamic wallpapers are available.
- **Themes:** Free themes can be downloaded, and layouts can be changed for left or right-hand drive configurations.
- **Layout Plugins:** Groups of plug-ins are freely selectable to customize your display.

DUDU OS 3.0

New custom dynamic wallpaper

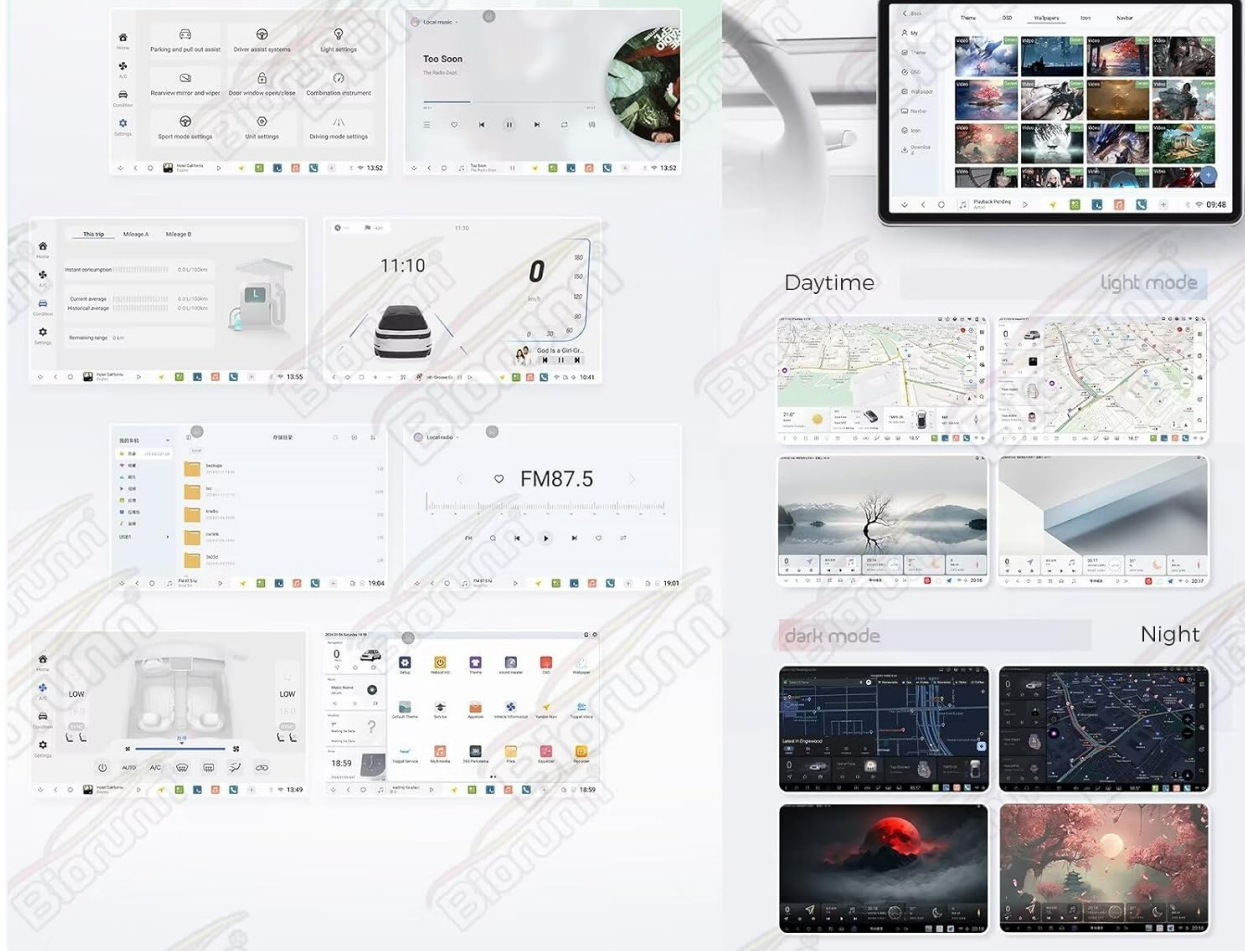


Image: Various screens of the DUDU OS 3.0 demonstrating custom dynamic wallpapers and interface options.

4.3 Navigation (GPS)

The unit features Dual Band GPS (L1+L5) with a 6-mode positioning chip for enhanced accuracy.

Dual Band GPS L1+L5, Better Positioning and Signal

Built-in Dual Band GPS 6-mode positioning chip, support L1 +L5 joint positioning. Positioning speed and accuracy in big increased. Meets the needs of lane-level navigation and positioning accuracy up to 1 meter.



Image: Dual Band GPS L1+L5 for improved positioning accuracy.

- Access the navigation application from the main menu.
- Enter your destination to receive turn-by-turn directions.
- The dual-frequency system (L1 L5 B1 B2a E1 E5a) provides lane-level navigation accuracy up to 1 meter.

4.4 Wireless/Wired Car-Play and Android Auto

Connect your smartphone for seamless integration of calls, maps, music, and messages.



Image: Car-Play and Android Auto interfaces displayed on the car stereo.

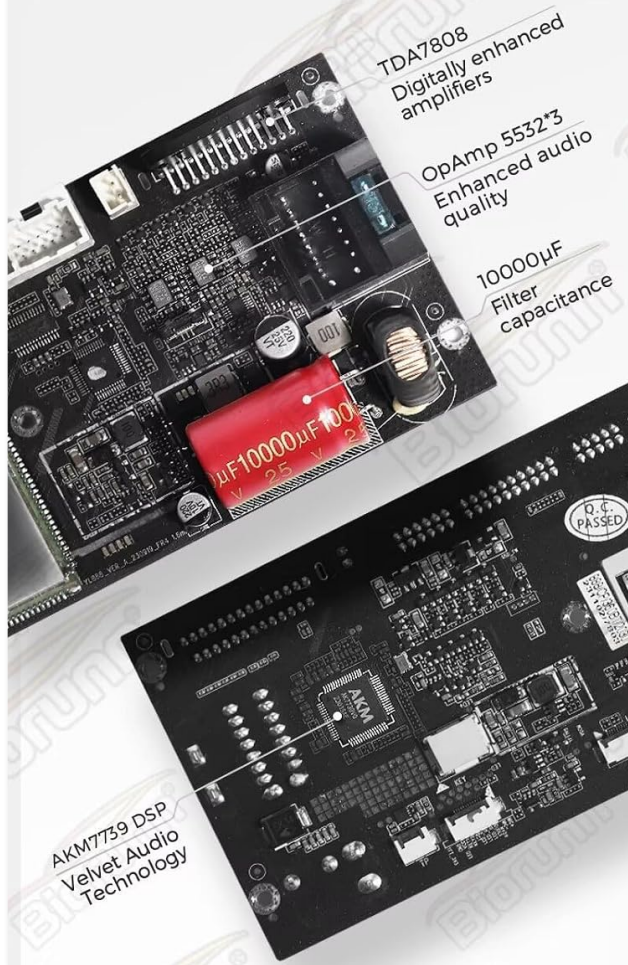
- Connect your iPhone via USB or wirelessly for Car-Play.
- Connect your Android phone via USB or wirelessly for Android Auto.
- Follow the on-screen prompts to complete the connection.

4.5 Audio System (DSP)

The unit features an AKM7739 DSP with Velvet Audio Technology for enhanced sound quality.

Choosing reputation audio chip

in an industry-wide



AKM7739 DSP Velvet Audio Technology

Support "VELVET SOUND" + DTS5.1 panoramic sound+ sound correction system, reproduces a natural, comfortable, sense of presence acoustic experience.



VELVET SOUND



VELVET SOUND - AKM advanced audio processing technology, based on the original sound reproduction product concept, explores the limits of audio technology, and presents all sound details without reservation, creating a "like, immersive" sound world.

Image: Close-up of the audio processing chip and components for Velvet Audio Technology.

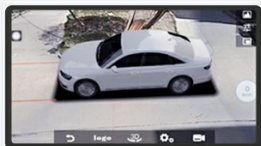
- Access the equalizer and sound settings to customize your audio experience.
- The DSP supports 5.1 panoramic sound and sound correction for a natural and immersive acoustic experience.

4.6 Other Features

- **Custom Navigation Bar:** The navigation bar can be displayed globally and positioned on the left/bottom. Content can be customized.
- **Desktop and Application Integration:** Supports picture-in-picture function for AR Navigation, music playback, and map display simultaneously.
- **Full Screen Custom Gestures:** Customize gestures for home, back, multitasking, app launch, volume control, and more.
- **Extended Rear Entertainment System:** Supports Type-C touch-screen convenience screen for front navigation and rear entertainment (requires additional accessories).
- **360 Panorama (Optional):** If equipped with 360 chips and cameras, the unit can display 360-degree panoramic views for blind spot monitoring and parking assistance.

360° panorama Seeing the blind spot (optional)

Built-in 360 panoramic image function (optional) , only need to install 4 cameras to obtain 360° images around, so that you can see around the blind area to avoid potential risks.

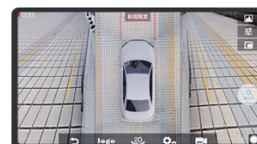


3D surround mode

When the car starts the power the car automatically switches to 360° panoramic mode, which is convenient to view the hidden dangers around the car



Reverse mode



Pull over mode



Starting mode

Note: Dynamic trajectory is not supported by all models



Turning pattern

Image: Examples of 360-degree panoramic views for enhanced driving safety.

5. MAINTENANCE

To ensure the longevity and optimal performance of your DUDUAUTO DUDU7 car stereo, 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:** The unit supports Online OTA (Over-The-Air) updates. Regularly check for and install available software updates to ensure the system has the latest features and security patches.
- **Cable Connections:** Periodically check all cable connections to ensure they are secure and free from corrosion or damage. Loose connections can lead to intermittent issues.
- **Avoid Extreme Temperatures:** Do not expose the unit to extreme temperatures for prolonged periods. While designed for automotive use, excessive heat or cold can affect performance and lifespan.
- **Ventilation:** Ensure the cooling fan area on the back of the unit is not obstructed to allow for proper heat dissipation.

6. TROUBLESHOOTING

If you encounter any issues with your DUDUAUTO DUDU7 car stereo, refer to the following common problems and solutions. If the problem persists, contact technical support.

- **No Power:**
 - Check all power connections to ensure they are securely fastened.
 - Verify the vehicle's fuse related to the stereo is not blown.
- **No Sound:**
 - Check speaker wire connections.
 - Ensure the volume is not muted or set too low.
 - Verify audio settings in the system menu.
- **GPS Signal Loss or Inaccuracy:**
 - Ensure the GPS antenna is properly connected and has a clear view of the sky.
 - Check for any obstructions that might block the signal.
 - Restart the navigation application or the head unit.
- **Car-Play/Android Auto Not Connecting:**
 - Ensure your phone's operating system is up to date.

- Try connecting with a different USB cable (if using wired connection).
- For wireless connection, ensure Bluetooth and Wi-Fi are enabled on your phone and the head unit.
- Restart both your phone and the head unit.
- **Touchscreen Unresponsive:**
 - Restart the head unit. If the issue persists, a factory reset might be necessary (note: this will erase all user data).
- **System Slow or Freezing:**
 - Close unnecessary background applications.
 - Clear system cache if available in settings.
 - Consider a factory reset if performance issues are severe and persistent.

7. SPECIFICATIONS

Feature	Specification
Model	DUDU7, 2K 8GB RAM 128GB ROM
Operating System	DUDU OS with Android 13
Processor	UIS7870 (2.7GHz 8-core, 6nm process)
Screen Size	10.36 Inches
Display Resolution	2K (2000x1200) QLED
RAM	8GB
ROM (Internal Storage)	128GB
Audio Processor	DSP (AKM7739 Velvet Audio Technology)
Connectivity	4G LTE, 5G WIFI, Bluetooth, USB
Navigation	Dual Band GPS (L1 L5 B1 B2a E1 E5a)
Smartphone Integration	Wireless/Wired Car-Play, Android Auto
Applicable Vehicle	Ford Focus 2005-2008

8. WARRANTY INFORMATION

Your Biorunn DUDUAUTO DUDU7 Car Stereo 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, accident, misuse, abuse, unauthorized modifications, or natural disasters. Please retain your proof of purchase for warranty claims. For service under warranty, contact technical support.

9. TECHNICAL SUPPORT

For any questions, technical assistance, or troubleshooting that cannot be resolved using this manual, please contact our technical support team.

24 Hours Technical Support:

Step 1

In Stock

Quantity: 1

Add to Cart

Buy Now

Ships from Amazon

Sold by RongNan International

Returns

Payment

Step 2

About Seller

RongNan International: We have been focusing on Car multimedia player over 10 years, continue to develop different styles of car radio after listening to customers' preferences. If you are a car and travel lover, don't miss us.

Reminder: If you have any other questions, please feel free to reach us directly at , we will reply within 24 hours!

Kindly Advised: 99.99% problems can get a solution, please don't return the product before contact us, thanks!

Have a question for RongNan International?

Ask a question

Image: Information on how to access 24-hour technical support.

Manufacturer: Shenzhen Rongnan International Electronics Co., Ltd.

Support Contact: Please refer to your purchase platform or product packaging for direct contact methods.

You can typically find an 'Ask a question' link on the seller's page (RongNan International) where you purchased the product.

Our support team aims to respond within 24 hours. We advise contacting support before returning the product, as most issues can be resolved with guidance.