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> KUNFINE 9-inch Quad Core 2G+32G CarPlay/Android Auto Head Unit for Ford Escape (2013-2019) Instruction Manual

KUNFINE 9-inch Quad Core 2G+32G

KUNFINE 9-inch Quad Core 2G+32G CarPlay/Android Auto Head Unit Instruction Manual

For Ford Escape (2013-2019)

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your KUNFINE 9-inch Quad Core 2G+32G CarPlay/Android Auto Head Unit. This device is designed to enhance your driving experience with advanced navigation, entertainment, and connectivity features. Please read this manual thoroughly before installation and use to ensure proper function and safety.



Figure 1.1: KUNFINE 9-inch Head Unit with included accessories and smartphone integration.

2. VEHICLE COMPATIBILITY

This head unit is compatible with Ford Escape models manufactured between 2013 and 2019. It is crucial to verify your vehicle's original radio system before purchase and installation. If your original radio has "Sony" or "SYNC" branding, this unit may not be compatible.

Attention

If there is "Sony" or "SYNC" on your original radio, please do not buy it!!!



Figure 2.1: Visual guide for checking compatibility with Ford Escape dashboards. Note the warning regarding "Sony" or "SYNC" systems.

3. SETUP AND INSTALLATION

Professional installation is recommended for this head unit. Ensure the vehicle's battery is disconnected before beginning any electrical work. Refer to your vehicle's service manual for specific dashboard disassembly instructions.

3.1 Package Contents

Before installation, verify all components are present in the package:

- 1x Car Android Head Unit with Mask
- 1x GPS Antenna
- 1x Power Cable (Plug & Play)
- 2x USB Port Cable
- 1x RCA Expand Cable

- 1x RCA Connector for Reverse Camera
- 1x Install Kit (GIFT)
- 1x External Mic (GIFT)
- 1x AHD 720 Reverse Camera (GIFT)
- CANBUS (INCLUDED)



Figure 3.1: Contents of the KUNFINE head unit package.

3.2 Wiring Connections

1. Connect the main power harness to the vehicle's wiring. Ensure all connections are secure.
2. Connect the GPS antenna and position it for optimal signal reception, typically on the dashboard or under the windshield.
3. Connect the USB cables for external devices.
4. If installing the reverse camera, connect its RCA cable to the designated input on the head unit and route the camera cable to the rear of the vehicle.
5. Connect the external microphone for improved call quality.
6. Integrate the CANBUS module as per the vehicle-specific wiring diagram to ensure proper communication with the vehicle's systems, including steering wheel controls.

3.3 Installation Effect

The head unit is designed to integrate seamlessly into your Ford Escape's dashboard, replacing the original radio system.

Package Content



Figure 3.2: Before and after installation view of the KUNFINE head unit in a Ford Escape dashboard.

4. OPERATING INSTRUCTIONS

4.1 CarPlay and Android Auto

The head unit supports both Apple CarPlay and Android Auto, allowing seamless integration with your smartphone. Connect your iPhone or Android device via USB to access navigation, music, calls, and messages directly on the head unit's display.

Carplay & Android Auto

Integrate your iPhone with your vehicle. Support Carplay , Android Auto Mirrorlink and other functions



Carplay



Android



For IOS System

For Android System

Figure 4.1: CarPlay and Android Auto integration with the head unit.

4.2 GPS Navigation

The unit features built-in GPS for real-time navigation. With a Wi-Fi connection, you can utilize online navigation services and various map applications.

GPS Navigation

Satellite GPS can locate in real time without network. With wifi connected, you can use navigation in real time

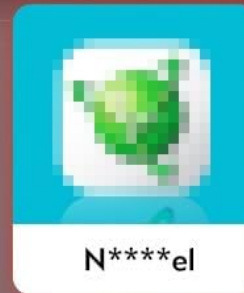
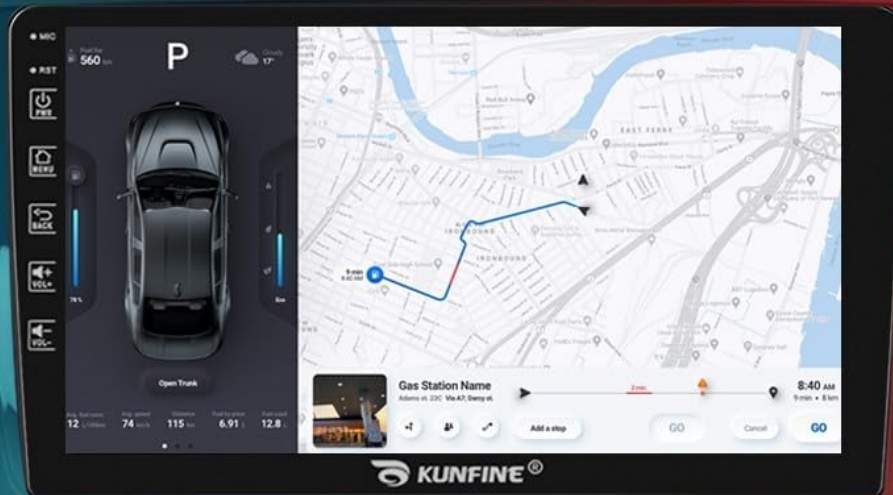


Figure 4.2: GPS Navigation interface and supported applications.

4.3 Wi-Fi Connectivity

Connect the head unit to a Wi-Fi network to browse the internet, download applications, and access online services.



Figure 4.3: Wi-Fi functionality for app access and internet browsing.

4.4 Car Reverse Camera

The system supports a car reverse camera input, providing a clear view of the area behind your vehicle on the display when reversing.

Car Reverser Camera

Support Car Reverser Camera input, you can see the video on screen through the rear view camera when reversing your car



Figure 4.4: Car Reverse Camera display and functionality.

4.5 Steering Wheel Control (SWC)

The head unit is compatible with your vehicle's existing steering wheel controls, allowing you to manage audio, calls, and other functions without taking your hands off the wheel. Configuration may be required in the settings menu.

Steering Wheel Control

Quickly switch functions which you want with your car's steering wheel control



Figure 4.5: Steering Wheel Control interface for function mapping.

4.6 Bluetooth Functionality

Utilize the built-in Bluetooth for wireless music streaming, hands-free calling, and navigation audio output.

BT Function

Built-in BT, Enjoy Wireless Streaming Music, Hands-free Calling & Navigation



Figure 4.6: Bluetooth call and music streaming features.

4.7 FM Radio

Access FM radio stations. You can save your favorite stations for quick access.

FM Radio

You can transfer the music to the car stereo by FM, Long press to save your favorite radio station



Figure 4.7: FM Radio interface.

5. MAINTENANCE

To ensure the longevity and optimal performance of your KUNFINE head unit, follow these maintenance guidelines:

- **Cleaning the Screen:** Use a soft, lint-free cloth, slightly dampened with water or a screen-cleaning solution, to gently wipe the touchscreen. Avoid abrasive materials or harsh chemicals.
- **Software Updates:** Periodically check for software updates provided by KUNFINE to ensure you have the latest features and bug fixes. Updates can typically be performed via Wi-Fi.
- **Environmental Conditions:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.
- **Cable Connections:** Periodically check all cable connections to ensure they are secure and free from damage.

6. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Unit does not power on.	Loose power connection, blown fuse.	Check power cables and vehicle fuses. Ensure battery is connected.
No sound or poor sound quality.	Speaker wire issues, incorrect audio settings, amplifier problems.	Verify speaker connections. Adjust audio settings (equalizer, balance). Consult a professional if external amplifier is suspected.
Steering Wheel Controls not working.	CANBUS not connected or configured, incorrect settings.	Ensure CANBUS module is correctly installed. Access 'Steering Learn' in settings to program controls.
GPS signal is weak or inaccurate.	GPS antenna placement, environmental interference.	Relocate GPS antenna to a position with a clear view of the sky. Ensure no obstructions.
CarPlay/Android Auto not connecting.	Faulty USB cable, phone software issue, incorrect settings.	Try a different USB cable. Ensure your phone's software is updated. Check head unit settings for CarPlay/Android Auto activation.

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

7. SPECIFICATIONS

- **Model:** 9-inch Quad Core 2G+32G
- **Display Size:** 9 Inches
- **Resolution:** 1920 x 1080
- **Item Weight:** 5.66 pounds
- **Package Dimensions:** 17.09 x 13.07 x 5.43 inches
- **Vehicle Service Type:** Car (Ford Escape 2013-2019)
- **Special Features:** Bluetooth, Touchscreen, CarPlay, Android Auto, GPS Navigation, Wi-Fi, Reverse Camera Support, Steering Wheel Control
- **Connectivity Technology:** USB, Bluetooth, Wi-Fi
- **Audio Output Mode:** Stereo
- **Mounting Type:** Dashboard Mount
- **Included Components:** Head Unit, GPS Antenna, Power Cable, USB Cables, RCA Cables, Install Kit, External Mic, AHD Reverse Camera, CANBUS

8. WARRANTY AND SUPPORT

Your KUNFINE head unit comes with a **one-year warranty** covering non-human damage. For any questions, technical support, or warranty claims, please contact the seller or KUNFINE customer service directly. Your consultation is always welcomed.

