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> KUNFINE 12.3" Car CarPlay Android Auto Navigation Stereo GPS Radio Display IPS Touchscreen Headunit Tablet Media Player for BMW X1 2016-2018 EVO - Instruction Manual

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Comprehensive Guide for Setup, Operation, and Troubleshooting

1. INTRODUCTION

The KUNFINE 12.3" Car CarPlay Android Auto Navigation Stereo GPS Radio Display is designed to enhance your driving experience with advanced multimedia and navigation features. This manual provides comprehensive instructions for installation, operation, and troubleshooting to ensure optimal performance.

2. PRODUCT FEATURES

- **CarPlay/Android Auto:** Seamless integration with iOS and Android devices for voice-assisted control, navigation, music, and communication.
- **Navigation:** Built-in navigation capabilities with support for various map applications.
- **Multimedia Playback:** Supports USB input and all audio formats.
- **Connectivity:** Internal Bluetooth for stereo music and calls, internal Wi-Fi for internet access and hotspot sharing.
- **Camera Support:** Supports aftermarket RCA type backup cameras.
- **Display:** Capacitive multi-touch IPS full HD screen (12.3 inches).
- **Steering Wheel Control:** Retains original steering wheel control functionality.
- **OSD Language:** Supports over 20 languages including English, French, German, Spanish, Italian.

3. PACKAGE CONTENTS

- 1x Car Android Head Unit with Mask
- 1x Power Cable (Plug & Play)
- 2x USB Port Cable
- 1x RCA Expand Cable
- 1x RCA Connector for Reverse Camera
- 1x Install Kit
- 1x External Mic

- 1x AHD 720 Reverse Camera

4. COMPATIBILITY

This KUNFINE 12.3" Car CarPlay Android Auto Navigation Stereo GPS Radio Display is suitable for **BMW X1 2016-2018 EVO** models. Please confirm your car's system (CCC/CIC/NBT/EVO) before installation. This unit is compatible with EVO systems.

Confirm your car System

CCC/CIC/NBT/EVO system differentiation

<p>CCC System</p> <p>Not Fit</p>		 <p>10PIN LVDS plug</p>
<p>CIC System</p> <p>Not Fit</p>		 <p>4PIN LVDS plug</p>
<p>NBT System</p> <p>Not Fit</p>		 <p>6PIN LVDS plug</p>
<p>EVO System</p> <p>Fit</p>		 <p>6PIN LVDS plug</p>

Image: Compatibility chart showing EVO system as compatible for installation.

5. SPECIFICATIONS

Feature	Detail
Display Size	12.3 Inches
Connectivity Technology	USB
Map Type	North America
Touch Screen Type	Capacitive

Human Interface Input	Touch Pad, Touchscreen
Control Method	Touch
Connectivity Protocol	Bluetooth, Wi-Fi

6. SETUP AND INSTALLATION

6.1 Pre-Installation Preparation

Before beginning the disassembly process, it is crucial to protect your vehicle's interior. Please wrap the center console, armrest box, car gear, and other adjacent areas with soft fabrics such as towels or cloth pads. This precaution helps prevent scratches and damage during the installation.

6.2 Removing Original Components

1. **Air-Conditioning Trim Panel:** Pry out the air-conditioning trim panel using a rocker tool. Carefully disconnect the connecting plug located on the back of the panel. Once disconnected, set the trim panel aside in a safe place.
2. **Host Panel:** Remove the fixing screws securing the host panel. Disconnect the connecting plug from the back of the host panel and then place the panel aside.
3. **Original Display Screen:** Remove the fixing screws that hold the original display screen in place. Press the LVDS plug button on the back of the display screen, then carefully remove the LVDS cable plug. Set the original display screen aside.
4. **Original Host:** Remove the fixing screws of the original host. Gently pull the original host outward. Locate and hold the ISO plug buckle of the main engine, then pull it backward to disconnect the ISO plug from the host.
5. **Fiber Optic Cable:** Using tweezers, press the small buckle on the original ISO wire head and carefully remove the 2P green optical fiber cable.

6.3 Connecting the New Unit

1. **Android ISO Harness:** Guide the Android ISO harness inside the instrument panel and thread the plug end towards the base of the display screen.
2. **ISO Plug Connection:** Connect the ISO plug from the original host to the male connector of the Android ISO harness.
3. **Fiber Optic Cable Connection:** Connect the 2P green fiber optic cable to the Android ISO female connector. Ensure it is inserted firmly and correctly; avoid inserting it in the wrong direction.
4. **Android ISO Cable Female:** Connect the Android ISO cable female to the back of the original host. Insert the plug and press the buckle until it is firmly installed.
5. **4G and GPS Antennas:** Thread the plug ends of the 4G antenna and GPS antenna through the storage box to the base of the display screen.
6. **Antenna Placement:** Remove the double-sided adhesive tape from the back of the 4G antenna and GPS antenna. Paste them securely on the dashboard. Guide any excess wire into the gap above the storage box and use a rocker tool to press the exposed harness into the gap.
7. **USB Cable Routing:** Open the storage box (glove compartment) and locate a suitable hole for threading the USB cable. If no hole exists, one may need to be drilled. Thread the plug end of the USB cable to the base of the display screen through the storage box, and place the female end of the USB cable into the co-driver's storage box.
8. **Power Cord Connection:** Connect the 5V power cord from the Android ISO harness to the 5V power cord on the USB harness.
9. **USB Cable Integration:** Unplug the white USB cable from the original host and connect it to the "USB FEMALE-A" interface on the USB harness.
10. **USB Male-B Connection:** Finally, connect the "USB MALE-B" USB plug on the Android ISO harness to the USB interface of the original host. (*Note: The "IDRIVE CONTROL" plug does not need to be connected.*)
11. **Wire Management:** Place any excess exposed wire in the gap under or on the side of the host. Ensure that the position space on the back of the host is not too small to place wires, preventing pinching or damage.

6.4 Installing the New Unit

1. **Android Device Installation:** Install the Android device onto the display base of the original vehicle. Secure the Android device by tightening the locking screws.
2. **Original Host Reinstallation:** Carefully install the original host back into its original position. Confirm that it is properly installed and then lock and fix it securely.
3. **Host Panel Restoration:** Restore the connection plug on the back of the host panel, and then install the host panel back into its original place.
4. **Air-Conditioning Trim Panel Restoration:** Restore the connection plug on the back of the air-conditioning trim panel, and then install it back to its original position.

7. OPERATING INSTRUCTIONS

7.1 Initial Power-On and Function Check

Turn the ignition on and power on the car. Check whether the Android device starts normally and if all functions are operating as expected.

7.2 CarPlay Connection

To connect CarPlay wirelessly:

1. Open your phone's settings, turn on Bluetooth, and pair your phone with your car's Bluetooth.
2. After a successful connection, the system will automatically enter the CarPlay interface.

Video: Instructions on how to connect Apple CarPlay to the unit.

7.3 OEM Bluetooth Usage

To use the OEM Bluetooth for calls:

1. Go to the "OEM Car Info" section on the unit's interface.
2. Connect your phone to the original OEM Bluetooth system.
3. After a successful connection, change the multimedia mode on the unit to the Bluetooth you just connected to.
4. At this point, the Linux Bluetooth will automatically disconnect, and the OEM Bluetooth will remain connected for calls.

7.4 USB Media Playback

You can also use the USB port to play stored videos and music directly on the unit.

8. TROUBLESHOOTING

8.1 No Sound Issue

If you experience no sound from the unit:

1. In the EVO system, you need to switch to the original vehicle system and set it to **USB AUX AUDIO** mode. This should enable the Android device to produce sound normally.
2. If there is still no sound after setting the AUX mode, ensure the AUX harness is correctly connected.

Video: Guide on how to fix the no sound issue.

8.2 OEM Resolution Issues

If your screen displays a splash screen or abnormal resolution:

1. Open the unit's settings.
2. Navigate to **Car Settings**.

3. Select **Original Car Screen Resolution**.

4. Slide through the available resolutions to find the one suitable for your car's original display.

5. Select the correct resolution and return to the original car interface. The display should now appear normal.

9. MAINTENANCE

To ensure the longevity and optimal performance of your KUNFINE display, regularly clean the screen with a soft, lint-free cloth. Avoid using harsh chemicals or abrasive materials that could damage the screen surface. Keep the unit free from dust and moisture.

10. WARRANTY & SUPPORT

This product comes with a **one-year warranty**. After-sales support is guaranteed. If you encounter any questions or issues, please do not hesitate to contact the seller for assistance. Your consultation is always welcomed.