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› Uckazy 15.8 Inch Android Auto Radio Instruction Manual for BMW 5 7 Series F10 F11 F01 NBT (2013-2016)

Uckazy 5 Series & 7 Series NBT

Uckazy 15.8 Inch Android Auto Radio Instruction Manual

For BMW 5 & 7 Series F10 F11 F01 NBT (2013-2016)

1. INTRODUCTION

This manual provides detailed instructions for the installation, setup, operation, and troubleshooting of your Uckazy 15.8 Inch Android Auto Radio. Please read this manual thoroughly before installation and use to ensure proper function and to avoid damage.

2. COMPATIBLE MODELS & YEAR

This device is designed for specific BMW models and years. Please verify your vehicle's compatibility before proceeding with installation.

- **BMW 5 Series:** F10, F11 (2013-2017) with NBT system
- **BMW 7 Series:** F01, F02 (2013-2017) with NBT system

Note:

- Before purchase, please ensure your car system is NBT. If unsure, contact customer support.
- This unit is compatible with BMW 520i, 525i, 528i models from 2013-2016.



Image: Compatible BMW Models and NBT System Identification. This image shows the compatible BMW 5 Series F10 (2013-2017) and 7 Series F01 F02 (2013-2017) with NBT system, identified by a 6-pin LVDS Port. It also shows an incompatible CIC system with a 4-pin LVDS Port.

3. PRODUCT FEATURES

- **Screen:** Ultra-narrow 15.8-inch (1920*720) IN-CELL screen with full lamination technology for enhanced transparency and reduced reflection (75%). Made of zinc alloy for high strength, wear resistance, and vibration absorption.
- **Dual System:** One-click switch between Linux system and original car system. Retains original car radio, amplifier function, factory steering wheel control, original car mouse knob, display of speed, fuel level, oil pressure, safety warnings, and original reverse camera. No software changes to the vehicle's control unit.
- **CarPlay & Android Auto:** Supports wireless (wired) Apple CarPlay, wireless (wired) Android Auto, and wireless MirrorLink for iOS and Android phones. Features Bluetooth 5.0 and Wi-Fi. Access map navigation, phone contacts, email, notifications, music, and voice assistants (Siri/Google Voice Assistant).
- **Built-in DSP:** 16 EQ segments for enhanced audio effects including reverberation, equalization, compression, and delay.
- **Camera Function:** Compatible with OEM reversing camera parking radar. Supports aftermarket reverse camera and front view camera DVR (CVBS input).
- **Day and Night Mode:** Automatic light sensitivity adjusts display mode according to your car's original headlights.

Product Features

It is to replace original car screen with Linux System 15.8 Inch 1920*720 resolution car touchscreen, not only keep the original OEM system, but also add wireless Carplay,wireless Android Auto and wireless mirrorlink Functions,

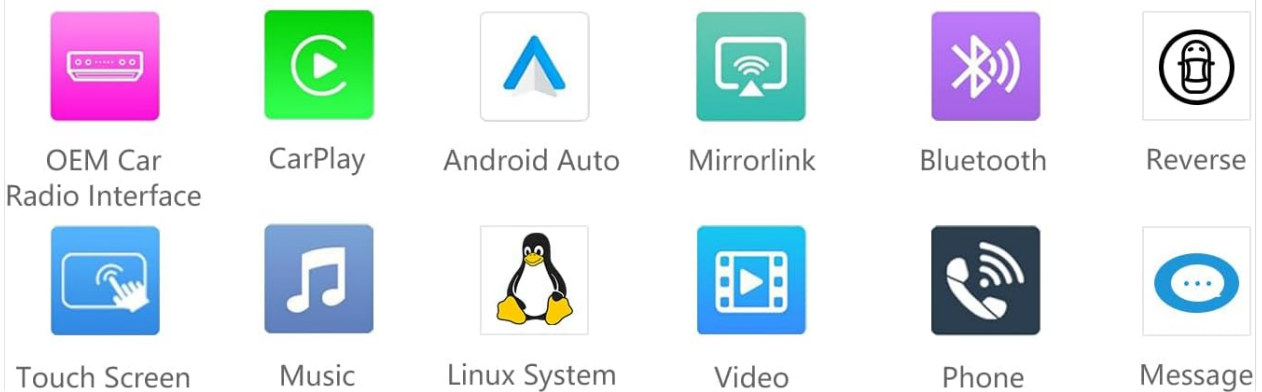


Image: Product Features Overview. This image displays the key features of the 15.8-inch Linux system car touchscreen, including OEM Car Radio Interface, CarPlay, Android Auto, Mirrorlink, Bluetooth, Reverse Camera support, Touch Screen, Music, Linux System, Video, Phone, and Messaging.

Technical Support

We investigated the returns in recent years and found that 92% percent of the customers returned the car because they can't set it up or set it up wrongly and wrong link cable. When you encounter problems such as installation, sound, carplay, original car UI doesn't display, please contact us in time and the technician will give you the solution. Please contact us, thank you!

STEP 1	STEP 2
<p>In Stock</p> <p>Add to Cart</p> <p>Buy Now</p> <p>Ships from Amazon</p> <p>Sold by Uckzay Factory Outlet</p> <p>Returns 30-day refund/replacement</p> <p>Payment Secure transaction</p>	<p>Uckzay Uckzay Factory Outlet</p> <p>Visit the Uckzay Factory Outlet storefront</p> <p>★★★★★ 100% positive lifetime (2 total ratings)</p> <hr/> <p>About Seller</p> <p>Shenzhen Yukaz Electronics Co., Ltd. was established in 2021, but our shareholders have been focusing on automotive electronic products for 15 years. Our company has always adhered to the principle of "quality first, customer first, and high-quality service." The company has always adhered to the principle of "keeping promises and abiding by contracts". With high-quality products, good reputation, and excellent service, our products sell well in Southeast Asia, Europe, the Middle East, South Ame...</p> <p>See more</p> <p>Have a question for Uckzay Factory Outlet?</p> <p>Ask a question</p>

Image: Original BMW System Support. This image highlights the retention of original BMW features such as the original car

knob, steering wheel buttons, hand-touch control, factory rear view camera, amplifier system, and original Bluetooth.

4. INSTALLATION GUIDE

Follow these steps carefully for proper installation. It is recommended to watch the provided installation video for visual guidance.

4.1 Disassembly

1. Use an installation tool to pry open and remove the upper shell and air conditioning vents.
2. Disconnect all wires connected to the panel.
3. Remove the screws securing the OEM screen and carefully remove the screen.
4. Disconnect the wires connected to the OEM screen.
5. Remove the screws securing the CD host and take out the CD host.
6. Unplug the original power cable from the head unit.

Your browser does not support the video tag.

Video: NBT-15.8' ultra narrow BMW carplay installation process. This video provides a step-by-step guide on how to disassemble the original car components, including removing the upper shell, air conditioning vents, OEM screen, and CD host, and disconnecting the necessary cables.

4.2 Wiring

1. Route the new power cable inside the vehicle structure.
2. Connect the new power cable with the CD host and the original power cable.
3. Take the USB cable and connect the bm168 port to the screen.
4. Connect the cables to the new 10.25-inch or 12.3-inch screen.

Day And Night Mode

Automatic light sensitivity adjusts the day and night mode according to your car's original headlights

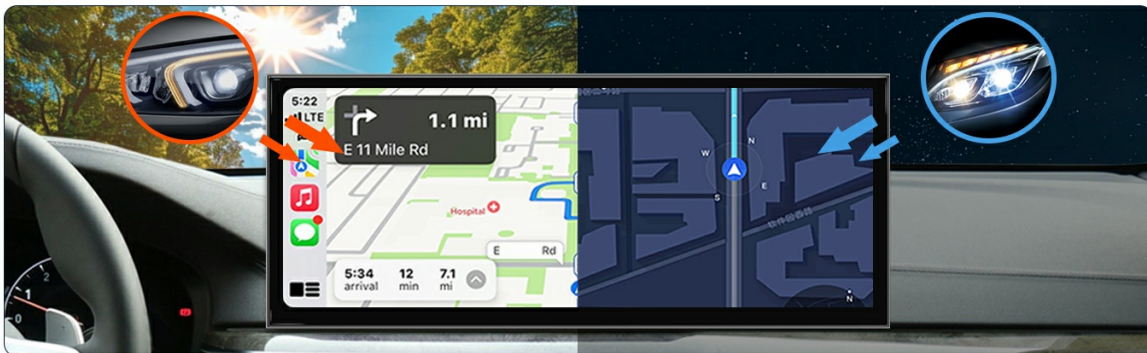


Image: Wiring Diagram. This diagram illustrates the wire definition and linking process for the car machine system. It shows connections for 360-DET, ACC-OUT, Rear-Camera-PWR, and GND. It also details how to connect with fiber optic cables by unplugging the 2P fiber optic harness from the original car CD and inserting it into the Linux system harness.



ONE CLICK SWITCHING BETWEEN DUAL SYSTEMS

Convert to the Original Car CCC System

Convert to the LINUX System



Image: USB Connection for CarPlay/Android Auto. This image shows that USB1 is for data link (CarPlay/Android Auto) and USB2 is for read storage link. It also provides a solution for noise in sound by connecting with AB.

4.3 Screen Installation & Reassembly

1. Install the new 10.25-inch or 12.3-inch screen into the dashboard.
2. Insert the screws through the fixing holes at the bottom of the screen tightly.
3. Connect the wires of the key panel and reinstall it.
4. Fix the screws for the key panel.
5. Connect the wires of the upper shell and reinstall the upper shell.

Note: Do not miss installing any screws during reassembly.

5. FUNCTIONAL TESTING


Before proceeding with the subsequent installation steps, we recommend testing all functions of the device screen. Detailed functional testing steps can be found in the troubleshooting section of this user manual.

6. SETUP

6.1 Wireless CarPlay / Android Auto Connection

1. Connect your phone via Bluetooth to the unit.
2. Allow all necessary permissions and wait for the connection to establish.

15.8" Large screen

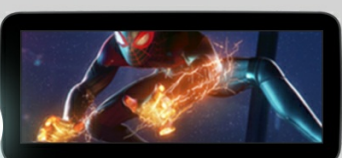


1920*720 resolution

- ✔ Screen picture is clearer
- ✔ Ultra Narrow screen
- ✔ In-cell screen

Other

1280*480 resolution



VS

- ✘ Screen blur
- ✘ Bezel too wide
- ✘ Screen gap

Image: Wireless CarPlay Connection Steps. This image shows the two steps for wireless CarPlay: 1. Connect Bluetooth, 2. Allow all permissions and wait for connection.

6.2 Sound Settings (AUX)

To ensure sound output from the new system, proper AUX connection and settings are crucial.

1. Plug the audio connection cable (included in the package) into the AUX socket in the armrest compartment.
2. Go to the unit's settings and turn off the AUX auto switching setting.
3. In the OEM system, go to