

## CAMECHO CAMECHO\_8C\_Android15\_AudiTT\_MK2

# CAMECHO Android 15 Autoradio Instruction Manual

Model: CAMECHO\_8C\_Android15\_AudiTT\_MK2 | For Audi TT 8J MK2 (2004-2018)

## 1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your CAMECHO Android 15 Autoradio. This unit is specifically designed for Audi TT 8J MK2 models manufactured between 2004 and 2018. Please read this manual thoroughly before using the product to ensure proper functionality and safety.

## 2. PRODUCT FEATURES

- **High-Performance Processor:** Equipped with a Qualcomm Snapdragon SM4250 8-core chipset (11nm technology) and Adreno 610 GPU for fast and smooth operation.
- **Advanced Android System:** Runs on Android 15 with 4GB RAM and 64GB ROM for stable performance and ample storage.
- **9-inch IPS Touchscreen:** Features a 1280\*720 resolution for clear and vibrant visuals.
- **Wireless Connectivity:** Supports Wireless CarPlay and Wireless Android Auto for seamless smartphone integration.
- **Integrated DSP:** Digital Signal Processing for enhanced sound quality, noise reduction, and distortion control.
- **GPS Navigation:** Built-in GPS module supports both online and offline navigation.
- **Dual-Band WiFi:** Provides stable and fast internet connectivity (2.4GHz/5GHz).
- **Bluetooth 5.1:** For hands-free calling and audio streaming.
- **FM/RDS Radio:** Access to FM radio stations with RDS functionality.
- **Mirror Link:** Project your smartphone screen onto the autoradio display.
- **Cooling Fan:** Integrated cooling fan for efficient heat dissipation and improved durability.

# Qualcomm Snapdragon 8core

Bringing you a high quality music experience

## Bluetooth 5.0

Faster data transfer, longer range, and dual audio support.



## Dolby Audio

Immersive surround sound, dynamic range optimization, and noise reduction.



## Hi-Res

High-resolution audio for superior clarity and detail.



## DSP

Advanced audio processing for enhanced sound quality and performance



Image 2.1: Overview of key features including the Qualcomm Snapdragon processor, Bluetooth, Dolby Audio, Hi-Res Audio, and DSP for enhanced sound.



Image 2.2: Details on the integrated cooling fan for optimal performance and the high-resolution 9-inch IPS touchscreen.

### 3. SETUP AND INSTALLATION

Professional installation is highly recommended for this autoradio. Ensure the vehicle's power is disconnected before beginning installation. Refer to the included wiring diagrams and mounting brackets for correct placement and connection.

#### 3.1 Pre-Installation Check

Before installation, verify all components listed in the package contents are present. Familiarize yourself with the wiring harness and connectors.

#### 3.2 Installation Steps (General)

1. Remove the original car radio unit from your Audi TT 8J MK2.
2. Connect the power cable, RCA cable, USB cables, GPS antenna, and camera input cable to the new autoradio.
3. Secure the autoradio using the provided mounting brackets.
4. Carefully reassemble the dashboard components.
5. Reconnect the vehicle's power and test the unit.



Image 3.1: Visual comparison of the Audi TT dashboard before and after the CAMECHO autoradio installation.

# Packing List & Size



- 1. Power Cable
- 2. RCA Cable
- 3. USB Cable
- 4. Camera Input
- 5. Radio Adapter
- 6. GPS Antenna

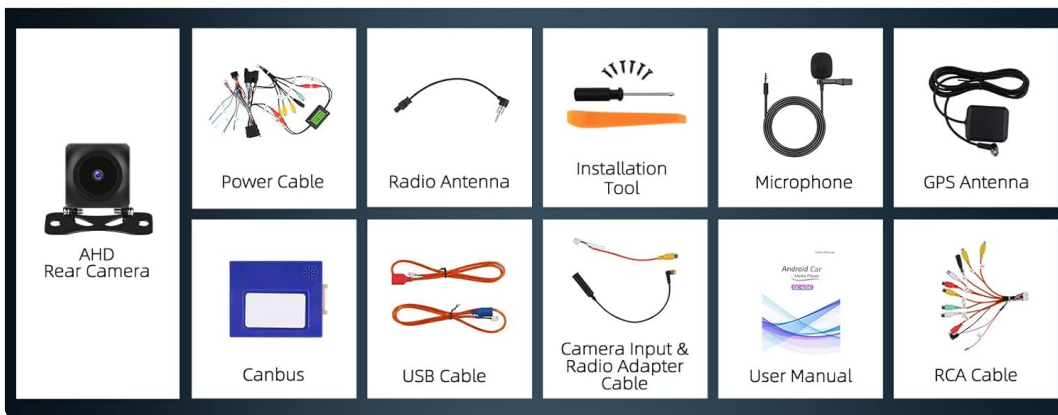


Image 3.2: Physical dimensions of the autoradio and a diagram illustrating the rear connection ports for power, RCA, USB, camera, and GPS antenna.

## 4. OPERATING INSTRUCTIONS

### 4.1 Power On/Off

Press and hold the power button (usually located on the front panel or a designated soft button on the screen) to turn the unit on or off. A short press typically mutes the audio or puts the unit into standby mode.

### 4.2 Touchscreen Navigation

The 9-inch IPS touchscreen allows for intuitive control. Swipe left/right to navigate between home screens, tap icons to open applications, and use pinch-to-zoom gestures where applicable (e.g., maps).

### 4.3 System Settings

Access the 'Settings' application to configure various aspects of the system, including network settings, display, sound, date & time, language, and vehicle-specific settings.

## 5. CONNECTIVITY FEATURES

### 5.1 Wireless CarPlay & Android Auto

Connect your iPhone or Android smartphone wirelessly to access navigation, music, calls, and messages directly on the autoradio screen. Follow the on-screen prompts to pair your device via Bluetooth and then establish the wireless connection.



Image 5.1: Display of the Wireless CarPlay and Android Auto interface, demonstrating integrated smartphone applications.

## 5.2 Bluetooth

Pair your smartphone via Bluetooth 5.1 for hands-free calling and audio streaming. Go to the Bluetooth settings on the autoradio, enable Bluetooth, and search for your device. Select your device from the list and confirm the pairing code.

## 5.3 WiFi Connection

Connect the autoradio to a WiFi hotspot (e.g., from your smartphone or a dedicated car hotspot) to access online features, download apps, and update maps. The unit supports dual-band WiFi (2.4GHz/5GHz) for stable and fast internet access.



Image 5.2: Illustration of the dual-band WiFi capability, enabling access to online content and applications.

#### 5.4 GPS Navigation

The integrated GPS module allows for precise navigation. You can use pre-installed offline maps (requires internet for initial data download) or online navigation applications. Ensure the GPS antenna is properly installed for optimal signal reception.



Image 5.3: GPS navigation screen displaying both online and offline map functionalities.

## 6. AUDIO FEATURES

### 6.1 Digital Sound Processor (DSP)

The built-in DSP enhances your audio experience by allowing precise control over sound parameters. You can adjust frequency, AE, 36-band EQ, 10-band EQ, and sound type through the dedicated application to achieve optimal sound quality.

### 6.2 FM/RDS Radio

Tune into your favorite FM radio stations. The RDS (Radio Data System) function provides additional information such as station name and program type. The unit supports 18 preset stations and features noise suppression and anti-interference technology.



Image 6.1: FM/RDS radio interface, demonstrating station tuning and information display.

## 7. CAMERA AND CONTROLS

### 7.1 Rear View Camera

The autoradio supports a rear view camera (included) for precise parking and enhanced safety. When the vehicle is in reverse gear, the display automatically switches to the camera feed.

### 7.2 Steering Wheel Control

The unit supports learning functions for your vehicle's steering wheel buttons, allowing you to control key functions (e.g., volume, track change) directly from your steering wheel for convenience and safety.

### 7.3 Optional Functions

The system supports various optional external devices and functions:

- **Voice Assistance:** Activation required for intelligent voice control.
- **DAB+:** Digital Audio Broadcasting for higher quality radio (external DAB+ module required).
- **OBD2:** On-Board Diagnostics for real-time data monitoring and vehicle maintenance (external OBD device required, activation required).
- **External DVR:** Connect an external Digital Video Recorder.
- **External Microphone:** For improved call quality.
- **Subwoofer:** Connect an external subwoofer for enhanced bass.



Image 7.1: Overview of reverse assistance, voice control, DAB+ radio, OBD2 diagnostics, and steering wheel control features.

## 8. SPECIFICATIONS

Feature	Specification
System	Android 15
Chip	SM4250 Qualcomm Snapdragon (8-core, 1.8GHz)
Screen Size	9 inches
Memory	4GB RAM + 64GB ROM
Screen Resolution	1280*720
Output Power	MOSFET 4*50W
Bluetooth Version	5.1
Radio Band	FM/RDS
GPS	Supported (online/offline maps)
Reverse Input	AHD/CVBS
External Microphone	Supported
WiFi	Supported (Dual-band)
USB Ports	Dual interface USB
Audio Formats	MP3/M4A/AAC/AMR/WAV/MID/FLAC/OGG etc.
Video Formats	3G2/AVI/TS/M2TS/MKV/WEBM/MPG/HEIC/HEIF/ASF/MOV/3GP/MPEG-4 etc.
Supported Languages	Chinese/English/French/Italian/Korean/Japanese/Arabic/Spanish/Portuguese/Russian/Turkish/Vietnamese/Hebrew/Polish/Gern etc.

## 9. PACKAGE CONTENTS

The following items are included in your CAMECHO Android 15 Autoradio package:

- 1 x Car Multimedia Player
- 1 x Power Cable
- 1 x RCA Cable
- 1 x GPS Antenna
- 1 x User Manual
- 2 x USB Cables
- 1 x Rear Camera Input Cable
- 1 x Radio Adapter Cable
- 2 x Mounting Brackets
- 1 x AHD Rear Camera
- 1 x Canbus
- 1 x Installation Tool
- 1 x Microphone

# Packing List & Size



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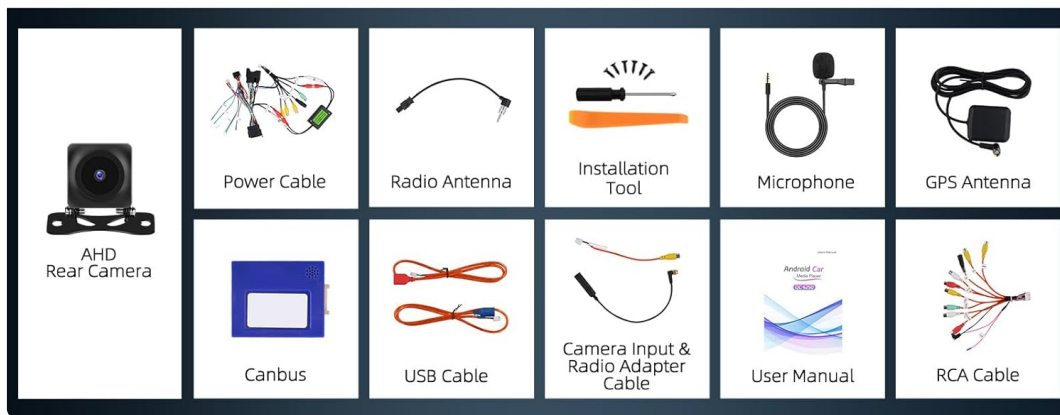


Image 9.1: Visual representation of all items included in the product package.

## 10. TROUBLESHOOTING

If you encounter issues with your autoradio, please refer to the following common troubleshooting steps:

- **No Power:** Check all power connections. Ensure the vehicle's ignition is on. Verify the fuse.
- **No Sound:** Check speaker connections. Ensure volume is not muted or set too low. Verify audio output settings.
- **GPS Signal Loss:** Ensure the GPS antenna is properly connected and has a clear view of the sky.
- **Bluetooth Pairing Issues:** Ensure Bluetooth is enabled on both the autoradio and your device. Try restarting both devices.
- **Touchscreen Unresponsive:** Try restarting the unit. If the issue persists, a factory reset might be necessary (note: this will erase all user data).
- **System Lag/Freezing:** Close unnecessary applications. Clear cache. If persistent, consider a factory reset.

For more complex issues, please contact customer support.

## 11. MAINTENANCE

To ensure the longevity and optimal performance of your autoradio, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the screen and unit. Avoid abrasive cleaners or solvents.
- **Software Updates:** Periodically check for and install available software updates to ensure the system runs efficiently and securely.
- **Environmental Conditions:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.

## 12. WARRANTY AND SUPPORT

Your GAMECHO Autoradio comes with a **2-year warranty**. We offer **24-hour online service** and a **30-day free return**

**policy.** For technical assistance, warranty claims, or any other inquiries, please contact our customer support team through the retailer or manufacturer's official channels.