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TEYES CC3 2K

TEYES CC3 2K Car Radio Multimedia System User Manual

For Volkswagen Jetta 7 (2018-2022)

1. INTRODUCTION AND OVERVIEW

The TEYES CC3 2K is an advanced car multimedia system designed to enhance your driving experience with cutting-edge technology. This head unit integrates navigation, audio, video playback, and smart connectivity features, all powered by Android 10. It is specifically engineered for seamless integration into Volkswagen Jetta 7 models from 2018 to 2022, providing a modern and intuitive interface for your vehicle's dashboard.

Key features include a high-resolution 2K in-cell display, robust 8-core processor, ample memory (6GB RAM, 128GB ROM), and comprehensive audio processing capabilities with dual DSPs. This manual provides essential information for installation, operation, maintenance, and troubleshooting to ensure optimal performance of your TEYES CC3 2K system.



Image 1.1: The TEYES CC3 2K head unit, showcasing its large display and user interface.

2. PACKAGE CONTENTS

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



Image 2.1: Visual representation of the TEYES CC3 2K package contents.

- 1 x TEYES CC3 2K Head Unit
- 1 x OEM Panel (Frame for Volkswagen Jetta 7)
- 1 x Power Cable
- 1 x USB Cable (Multiple ports)
- 1 x GPS Antenna
- 1 x AUX Cable
- 1 x 4G WiFi Antenna
- 1 x AHD 1080p Rear Camera
- 1 x Audio & Video Harness + RCA
- 1 x Screws & Screwdriver Set
- 1 x Cleaning Cloth
- 1 x Wiring Diagram
- 1 x E-book (Digital Instruction Manual)

3. SETUP AND INSTALLATION

Installation of the TEYES CC3 2K system requires careful attention to detail and proper electrical connections. It is highly

recommended that installation be performed by a qualified professional to ensure correct wiring and avoid damage to your vehicle or the head unit.

3.1 Pre-Installation Check

- Ensure the vehicle's ignition is off and the battery is disconnected before starting any electrical work.
- Confirm all package contents are present and undamaged.
- Review the included wiring diagram thoroughly.

3.2 Installation Steps (General Guide)

1. Carefully remove the original car radio and dashboard trim. Refer to your vehicle's specific service manual for detailed instructions on trim removal.
2. Install the provided OEM panel (frame) into the dashboard opening. This ensures a perfect fit for the TEYES CC3 2K head unit.
3. Connect the power cable, USB cables, GPS antenna, 4G WiFi antenna, AUX cable, and AHD rear camera cable to their respective ports on the TEYES CC3 2K head unit. Ensure all connections are secure.
4. Connect the vehicle's wiring harness to the provided power cable and other harnesses. Match colors and pin configurations according to the wiring diagram.
5. Carefully slide the TEYES CC3 2K head unit into the installed OEM panel until it clicks into place.
6. Reconnect the vehicle's battery and test the system before fully reassembling the dashboard trim.
7. Reinstall all dashboard trim pieces.





Image 3.1: Visual comparison demonstrating the integrated appearance of the TEYES CC3 2K after installation.

3.3 Antenna and USB Connections

- **GPS Antenna:** Position the GPS antenna in a location with a clear view of the sky, typically on the dashboard or under the windshield, away from metal obstructions.
- **4G WiFi Antenna:** Ensure the 4G WiFi antenna is securely connected for optimal network performance.
- **USB Cables:** The system includes multiple USB outputs for data transfer and connecting external devices. Route these cables to an accessible location, such as the glove compartment or center console.



Image 3.2: The included USB cables provide multiple ports for connecting external devices and data transfer.

4. OPERATING INSTRUCTIONS

The TEYES CC3 2K operates on an Android platform, offering a familiar and intuitive user experience similar to a tablet or smartphone.

4.1 Power On/Off and Basic Navigation

- **Power On:** The unit will typically power on automatically with the vehicle's ignition.
- **Power Off:** The unit will power off automatically when the vehicle's ignition is turned off. A long press on the power button (if available) may initiate a manual shutdown or restart.
- **Touchscreen Interface:** Navigate through menus and applications by tapping, swiping, and pinching on the 2K touchscreen display.

4.2 Multimedia Playback

- **Audio:** Access music files from internal storage, USB drives, or streaming services. The system supports various audio formats.
- **Video:** Play video files from internal storage or USB drives. The 2K display provides a high-quality viewing experience.
- **Radio:** Utilize the built-in radio tuner for FM/AM stations. The system supports RDS (Radio Data System) for enhanced information display.

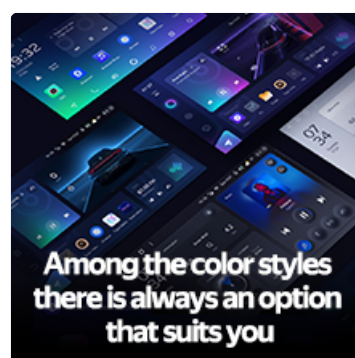


Image 4.1: The system offers a premium local radio experience and customizable color styles for the interface.

4.3 Navigation and GPS

The TEYES CC3 2K comes with integrated GPS and supports various navigation applications. It is pre-configured for North America map types.

- **GPS Functionality:** Ensure the GPS antenna is properly installed for accurate positioning.
- **Map Applications:** Use pre-installed or download preferred navigation apps from the Google Play Store (internet connection required).

4.4 Connectivity

- **Bluetooth:** Pair your smartphone via Bluetooth (QCC3031QFN Qualcomm module) for hands-free calling and audio streaming. Access Bluetooth settings to search for devices and connect.
- **Wi-Fi/Hotspot:** Connect to available Wi-Fi networks or use your smartphone's hotspot to access online features, download apps, and stream content. The system supports 4G internet connectivity.

4.5 Advanced Audio Features

The TEYES CC3 2K features dual DSPs (ADAU1701 + ROHM32107) for superior audio processing.

- **27-Segment EQ:** Fine-tune your audio output with the comprehensive 27-segment equalizer to match your preferences and vehicle acoustics.
- **Optical and Coaxial Digital Audio Output:** For audiophiles, these outputs provide high-fidelity digital audio signals to external amplifiers or sound processors.
- **Sound Filtering:** Utilize built-in sound filtering options to optimize audio quality and clarity.



Image 4.2: The system provides advanced DSP and a 27-segment equalizer for precise audio control.



Image 4.3: Options for digital audio output and sound filtering are available for enhanced sound customization.

4.6 Rear View Camera and Recording

The system supports real-time viewing from the included AHD 1080p rear camera and video recording capabilities.

- **Automatic Display:** The rear view camera feed will automatically display on the screen when the vehicle is shifted into reverse.

- **Video Recording:** The system can record video from the rear camera, providing a useful feature for parking assistance and incident recording.




Image 4.4: The system supports real-time rear view display and video recording.

4.7 Steering Wheel Control


The TEYES CC3 2K supports integration 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:** Access the system settings to configure and map your steering wheel buttons to desired functions.


Package Contents




OEM Panel



Electronic instruction



Head unit
CC3 2K



4G antenna +
WiFi 5G

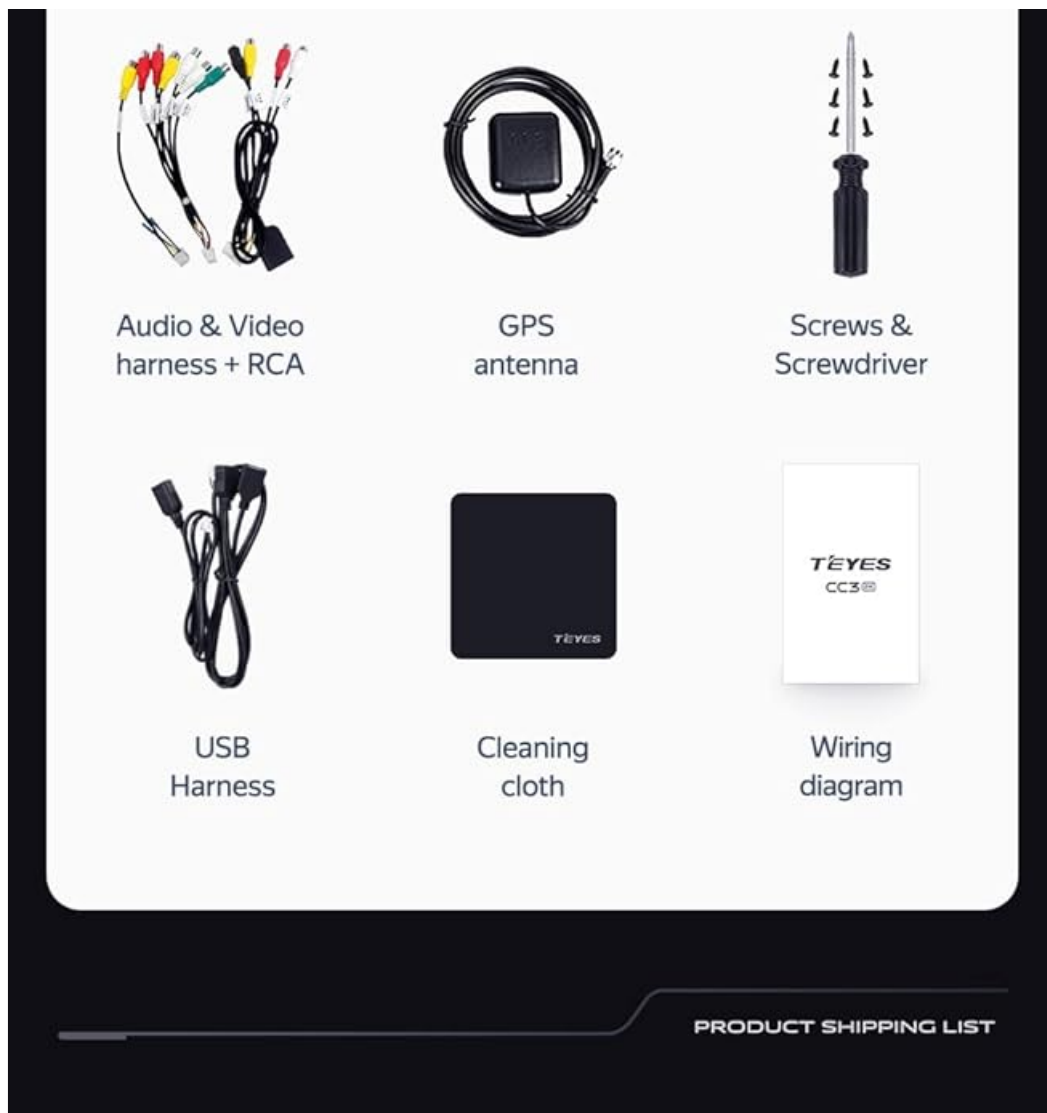


Image 4.5: The TEYES CC3 2K is compatible with your vehicle's steering wheel controls for convenient operation.

4.8 Split Screen Mode

Utilize the split screen feature to run two applications simultaneously, such as navigation on one side and music playback on the other.



Image 4.6: The split screen mode allows for simultaneous use of two applications.

5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your TEYES CC3 2K system.

- **Screen Cleaning:** Use the provided cleaning cloth or a soft, lint-free cloth to gently wipe the touchscreen. Avoid abrasive cleaners or solvents that could damage the display.

- **Software Updates:** Periodically check for system software updates via the unit's settings menu. Updates can provide new features, performance improvements, and bug fixes. An internet connection is required for updates.
- **Environmental Conditions:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.

6. TROUBLESHOOTING

If you encounter issues with your TEYES CC3 2K system, refer to the following common troubleshooting steps. If the problem persists, contact TEYES customer support.

Problem	Possible Cause	Solution
Unit does not power on	Loose power connection; Blown fuse; Vehicle battery issue	Check power cable connections; Inspect vehicle fuses; Verify vehicle battery charge.
No sound output	Volume too low; Mute activated; Loose speaker wires; Incorrect audio settings	Increase volume; Check mute status; Verify speaker connections; Adjust audio output settings.
GPS signal lost or inaccurate	GPS antenna obstruction or disconnection; Poor satellite reception	Ensure GPS antenna is properly connected and has a clear view of the sky; Move vehicle to an open area.
Bluetooth connection issues	Device not in pairing mode; Interference; Out of range	Ensure device is in pairing mode; Restart Bluetooth on both devices; Move device closer to the head unit.
Touchscreen unresponsive	System freeze; Software glitch	Perform a soft reset (refer to e-book for specific instructions); If persistent, consider a factory reset (data will be lost).

7. SPECIFICATIONS

Detailed technical specifications for the TEYES CC3 2K Car Radio Multimedia System.

Feature	Specification
Model Number	CC3 2K
Display Size	9.5 Inches
Display Technology	2K In-cell Display, 157% Gamut Coverage
Operating System	Android 10
Processor	8 Cores, 2.0GHz
RAM	6GB
ROM (Internal Storage)	128GB
Bluetooth Module	QCC3031QFN Qualcomm
Connectivity Technology	Bluetooth, USB, WIFI, Hotspot, 4G Internet
Audio Output Mode	Stereo
Digital Sound Processor (DSP)	2*DSP ADAU1701 + ROHM32107
Audio Output	Optical and Coaxial Digital Audio Output
Map Type	North America
Rear Camera Support	AHD 1080p (included)
Mounting Type	Panel Mount
Manufacturer	Shenzhen TEYES High tech Co., Ltd.
Date First Available	June 8, 2023



Image 7.1: Approximate dimensions of the TEYES CC3 2K head unit.

8. WARRANTY AND SUPPORT

TEYES stands behind the quality of its products.

- **Warranty:** The TEYES CC3 2K system comes with a 1-year manufacturer's warranty from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by improper installation, accidents, misuse, unauthorized repairs, or modifications.
- **Customer Support:** For technical assistance, troubleshooting beyond this manual, or warranty claims, please contact TEYES customer support directly. Refer to the contact information provided in your product packaging or on the official TEYES website.