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TEYES CC3 2K

TEYES CC3 2K Car Radio Multimedia System

User Manual

1. INTRODUCTION

The TEYES CC3 2K is an advanced car radio multimedia system designed to enhance your driving experience with cutting-edge technology. Featuring a high-resolution 2K in-cell display, Android 10 operating system, and comprehensive navigation capabilities, this head unit integrates seamlessly into compatible vehicles, offering superior audio-visual performance and smart connectivity. This manual provides detailed instructions for installation, operation, maintenance, and troubleshooting.



Figure 1.1: TEYES CC3 2K Head Unit Interface

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.



Figure 2.1: TEYES CC3 2K Package Contents

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

3. KEY FEATURES

The TEYES CC3 2K system offers a range of advanced features for an enhanced in-car experience:

- **High Performance:** Equipped with RAM 6GB and ROM 128GB for smooth operation.
- **Superior Display:** CC3 2K In-cell Display with 157% Gamut Coverage for vivid and accurate colors.
- **Advanced Touchscreen:** 2K touch screen technology with integrated display and touchscreen.
- **Seamless Connectivity:** Built-in wireless CARPLAY and ANDROID AUTO.
- **Powerful Hardware:** 8 cores 2.0GHz processor, support for RDS, and 4G internet.
- **Enhanced Bluetooth:** Upgraded Bluetooth module with QCC3031QFN Qualcomm.
- **Innovative Software:** Includes TEYES Vision & TEYES Yahu 3D software.

- **Customizable Interface:** Multiple color styles available to suit user preference.
- **Premium Audio:** Dual DSP ADAU1701 + ROHM32107, with optical and coaxial digital audio output.
- **Safety Features:** Real-time viewing of vehicle's rear view and support for video recording.



2K In-cell Display



Freestyle Combination Split Screen Mode



Real-time Rear View & Video Recording



Optical and Coaxial Digital Audio Output

4. SETUP AND INSTALLATION

4.1. Compatibility

The TEYES CC3 2K head unit is specifically designed for Ferrari California models manufactured between 2008 and 2017. Ensure your vehicle falls within this range for proper fitment and functionality.

An advertisement for the TEYES CC3 2K head unit. The top section features the text "For Ferrari California 2008-2017" in large white font, with "Latest technology platform 2023" below it. The middle section shows a red Ferrari California convertible car. The bottom section shows two views of the head unit: "before installation" (marked with a red 'X') and "after installation" (marked with a green checkmark). A "VS" icon is placed between the two views. At the bottom, the text "INSTALLED VEHICLE" is visible.



Figure 4.1: Before and After Installation

4.2. Wiring and Connections

Refer to the included wiring diagram for detailed connection instructions. Key connections include the power cable, USB cables, GPS antenna, AUX cable, and 4G WiFi antenna. Professional installation is recommended.

- **Power Cable:** Connect to the vehicle's power supply according to the wiring diagram.
- **USB Cables:** Utilize the multiple USB outputs for data transfer and connecting external devices.
- **GPS Antenna:** Mount in a location with clear sky view for optimal signal reception.
- **4G WiFi Antenna:** Install for stable internet connectivity.
- **Rear Camera:** Connect the AHD 1080p rear camera for parking assistance and recording.
- **Steering Wheel Controls:** The system supports original steering wheel controls. Refer to the wiring diagram for integration.

9.5 inch Head Unit



Figure 4.2: USB Output Cables



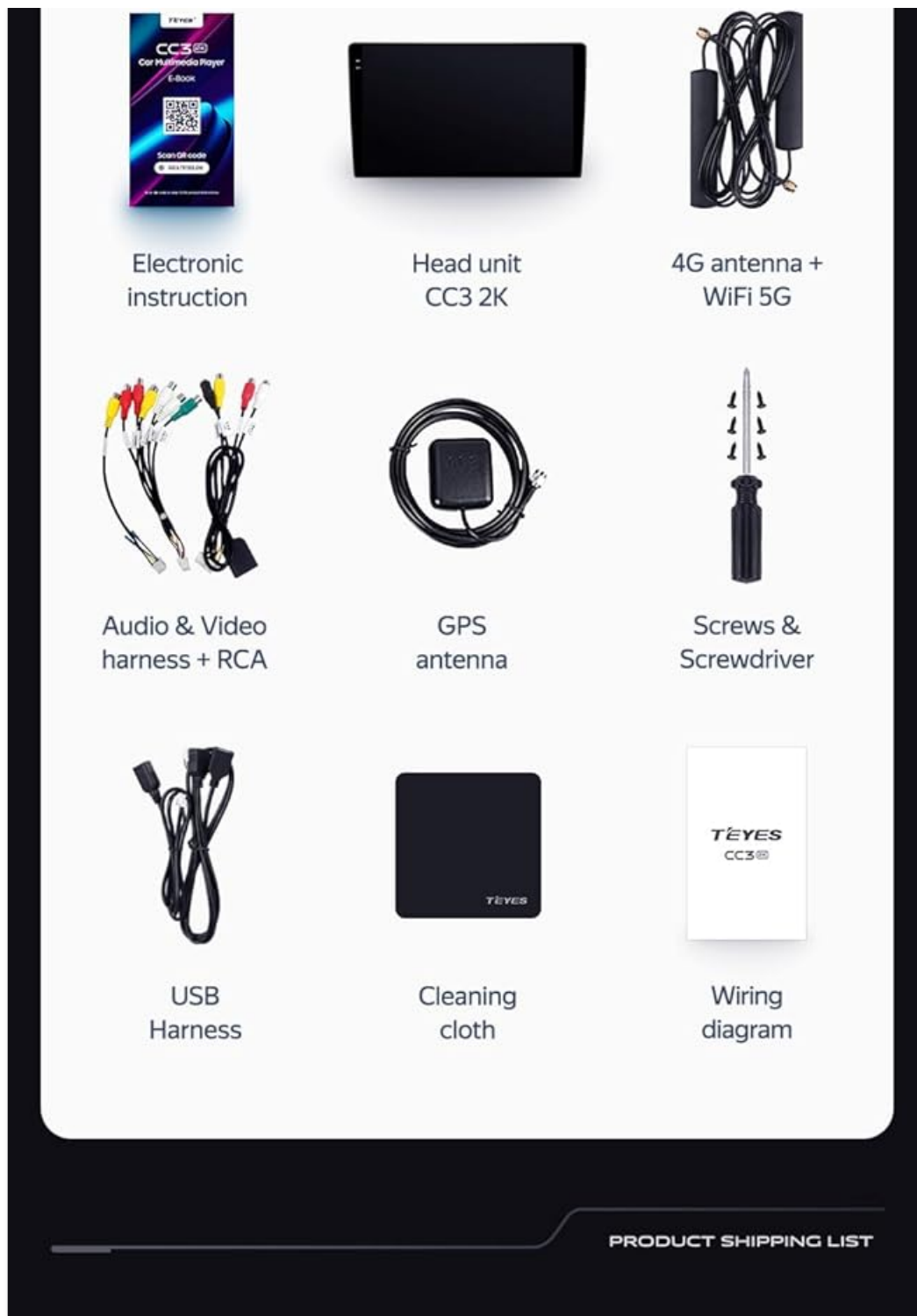


Figure 4.3: Steering Wheel Control Support

5. OPERATING INSTRUCTIONS

5.1. Basic Operation

The TEYES CC3 2K operates on Android 10, providing a familiar and intuitive user interface. Navigate through menus and applications using the responsive 2K touchscreen. Voice commands are also supported via the touchscreen interface.

5.2. Navigation

Utilize the built-in GPS for accurate navigation. The system supports North America map types. Access navigation applications directly from the main interface.

5.3. Multimedia Playback

The system functions as a comprehensive multimedia player, supporting various audio and video formats. Enjoy premium local radio with RDS support. The audio output mode is stereo, providing a rich sound experience.



Figure 5.1: Premium Local Radio Interface

5.4. Connectivity

- **Bluetooth:** Connect your smartphone for hands-free calling and audio streaming via the upgraded QCC3031QFN Qualcomm Bluetooth module.
- **Wi-Fi & Hotspot:** Connect to Wi-Fi networks or use your phone's hotspot for internet access.
- **Wireless CarPlay & Android Auto:** Seamlessly integrate your smartphone for navigation, music, and messaging.

5.5. Audio Settings

Fine-tune your audio experience with the dual DSP (ADAU1701 + ROHM32107) and a 27-segment equalizer. The system also features optical and coaxial digital audio output for high-fidelity sound.



Figure 5.2: Dual DSP Audio Processing



Figure 5.3: 27-Segment Equalizer

5.6. Rear View Camera and Recording

The included AHD 1080p rear camera provides real-time viewing of your vehicle's rear surroundings, aiding in parking and maneuvering. The system also supports video recording from the camera.

6. MAINTENANCE

To ensure the longevity and optimal performance of your TEYES CC3 2K system, follow these maintenance guidelines:

- **Cleaning:** Use the provided cleaning cloth or a soft, lint-free cloth to gently wipe the screen and unit. Avoid abrasive cleaners or solvents.
- **Software Updates:** Periodically check for software updates from TEYES to ensure you have the latest features and bug fixes.
- **Environmental Conditions:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.

7. TROUBLESHOOTING

If you encounter issues with your TEYES CC3 2K system, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Unit does not power on	Loose power connection, blown fuse	Check power cable connections; inspect vehicle's fuse box.
No sound output	Volume too low, incorrect audio settings, loose speaker wires	Increase volume; check audio output settings; verify speaker connections.
GPS signal lost/inaccurate	GPS antenna obstructed or improperly installed	Ensure GPS antenna has clear sky view; re-seat antenna connection.
Touchscreen unresponsive	Software glitch, temporary freeze	Restart the unit (refer to manual for specific restart procedure); if persistent, contact support.

Problem	Possible Cause	Solution
Bluetooth connection issues	Device not discoverable, interference	Ensure Bluetooth is enabled on both devices; try re-pairing; minimize interference.

For issues not listed here, or if solutions do not resolve the problem, please contact TEYES customer support.

8. TECHNICAL SPECIFICATIONS

Feature	Specification
Model Number	CC3 2K
Operating System	Android 10
Display Size	9.5 Inches
Display Technology	2K In-cell Touch Screen
RAM	6GB
ROM	128GB
Processor	8 Cores 2.0GHz
Bluetooth Module	QCC3031QFN Qualcomm
DSP	2*DSP ADAU1701 + ROHM32107
Audio Output	Stereo, Optical and Coaxial Digital Audio Output
Connectivity	Bluetooth, USB, WIFI, Hotspot, 4G Internet
Navigation	GPS, North America Map Type
Special Features	Wireless CarPlay, Android Auto, Steering Wheel Control, Rear View Camera Support, Video Recording
Mounting Type	Panel Mount
Manufacturer	Shenzhen TEYES High tech Co., Ltd.
First Available Date	August 2, 2023

9. WARRANTY INFORMATION

The TEYES CC3 2K Car Radio Multimedia System comes with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims. For detailed warranty terms and conditions, refer to the official TEYES website or contact customer support.

10. CUSTOMER SUPPORT

For further assistance, technical support, or inquiries regarding your TEYES CC3 2K system, please visit the official TEYES store or contact their customer service team:

TEYES Official Store: <https://www.amazon.com/stores/TEYES/page/1420A196-4C01-48FA-BED8-462791F44D56>

Please have your product model number (CC3 2K) and purchase details ready when contacting support.