

## K3 (T10 Variant)

# Sernoby 2-DIN Android 11 Car Multimedia Player (10-inch, K3 Model) User Manual

Brand: Generic

Model: K3 (T10 Variant)

## 1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Sernoby 2-DIN Android 11 Car Multimedia Player. Please read this manual thoroughly before using the device to ensure proper functionality and to prevent damage. Keep this manual for future reference.

## 2. SAFETY INFORMATION

- Professional Installation:** It is highly recommended to have this product installed by a qualified professional to avoid damage to the device or your vehicle's electrical system.
- Power Supply:** Ensure the device is connected to a 12V DC power supply with negative grounding. Incorrect voltage can cause damage.
- Wiring:** Double-check all wiring connections before powering on the device. Incorrect wiring can lead to short circuits or malfunction.
- Driving Safety:** Do not operate the device in a way that distracts you from driving. Always prioritize road safety.
- Temperature:** Avoid exposing the device to extreme temperatures or direct sunlight for prolonged periods.

## 3. PRODUCT OVERVIEW

### 3.1 Included Components

The following items are typically included with your Sernoby Car Multimedia Player:

# Product List



Machine



GPS



Power



RCA Cable



USB Cable \* 2



Video Input Cable



Installation tool



Instruction manual

## Only for 4G Version



4G SIM cable (T10)



4G module (T10)

**Figure 3.1:** Included accessories. This image displays the main head unit, GPS antenna, power wiring harness, RCA cables, two USB cables, a video input cable, an installation tool, and the instruction manual. For 4G versions, a 4G SIM cable and 4G module are also included.

- Main Head Unit
- GPS Antenna
- Power Wiring Harness
- RCA Cables
- USB Cables (x2)
- Video Input Cable
- Installation Tool
- Instruction Manual
- (For 4G Version only) 4G SIM Cable and 4G Module

## 3.2 Key Features

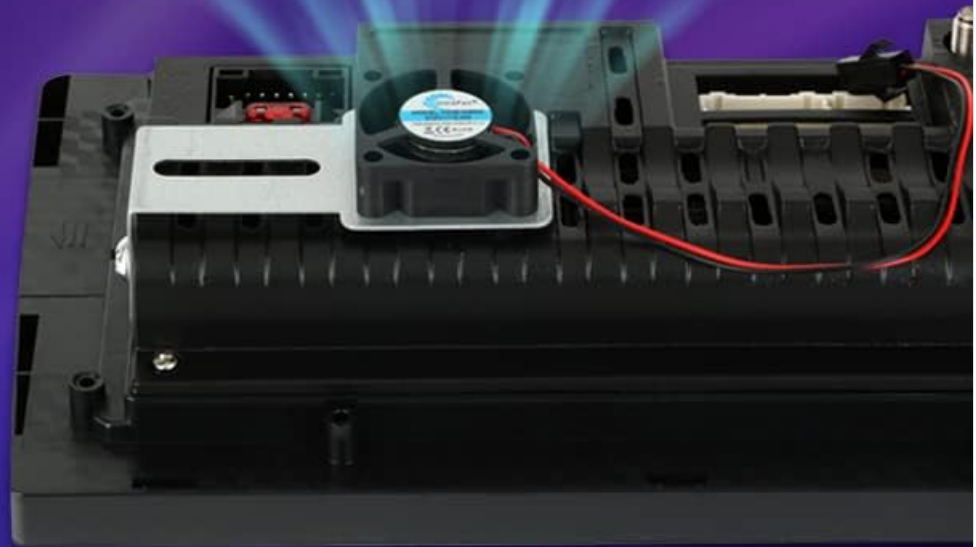
- Android 11 Operating System
- High-Resolution Touchscreen Display (10-inch)
- Integrated 4G Connectivity (on T10 variant)

- Wireless Carplay and Android Auto Support
- Bluetooth for Hands-Free Calling and Audio Streaming
- GPS Navigation
- Steering Wheel Control Compatibility
- Rear View Camera Input
- Equipped with a cooling fan for stable operation.

## HARDWARE UPGRADE:

T10/T6 is equipped with a free cooling fan.

Respond to and solve the abnormal operation caused by the high temperature and long-term use of the machine in summer, such as restart, abnormal touch, abnormal function, etc...



**Figure 3.2:** Hardware upgrade with an integrated cooling fan. This fan helps prevent abnormal operation caused by high temperatures during long-term use, such as restarts or unresponsive touch functions.

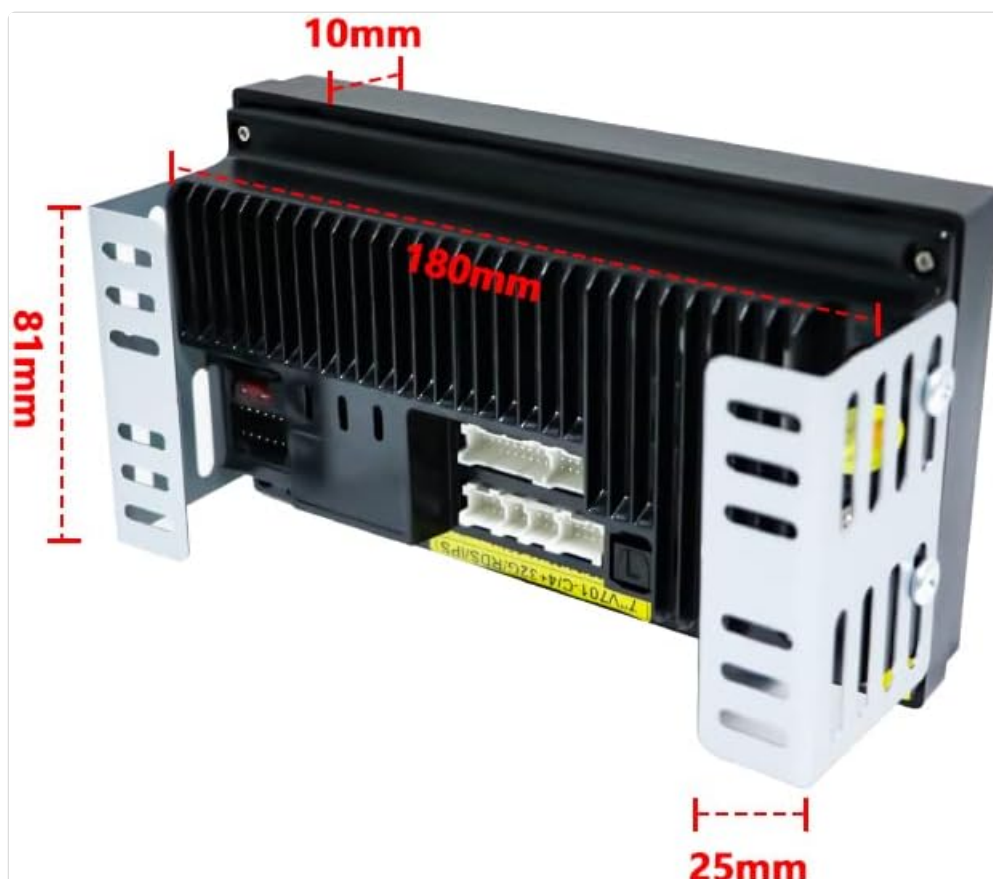
## 4. SETUP

### 4.1 Installation Guidelines

Due to the complexity of vehicle electrical systems, professional installation is strongly recommended. Incorrect installation can lead to damage to the unit, vehicle components, or personal injury. Ensure the vehicle's battery is disconnected before starting installation.

## 4.2 Physical Dimensions

Refer to the following diagram for the unit's dimensions to ensure proper fitment in your vehicle's dashboard.



**Figure 4.1:** Rear view of the unit showing approximate dimensions for installation. The main body is approximately 180mm wide, 81mm high, with mounting brackets extending about 25mm on each side.

## 4.3 Wiring Connections

Connect the wiring harness to the corresponding ports on the multimedia player and your vehicle's wiring. Typical connections include:

- **Power:** Connect the yellow wire to constant 12V, red wire to accessory 12V, and black wire to ground.
- **Speakers:** Connect speaker wires to the vehicle's speaker system, ensuring correct polarity.
- **GPS Antenna:** Connect the GPS antenna to the dedicated port and mount it in a location with a clear view of the sky.
- **USB Cables:** Connect the provided USB cables for external storage or device charging.
- **RCA Cables:** Use for external amplifiers, subwoofers, or video output.
- **Reverse Camera Input:** Connect the reverse camera video signal and trigger wire.

## 5. OPERATING INSTRUCTIONS

### 5.1 Power On/Off

The unit will typically power on automatically when the vehicle's ignition is turned on. To manually power off, press and hold the power button (if available) or turn off the vehicle's ignition.

### 5.2 Basic Navigation

The device features a capacitive touchscreen. Tap icons to open applications, swipe to navigate menus, and use pinch-to-zoom gestures where supported.

### 5.3 Wireless Connections (Bluetooth, Carplay/Android Auto)

The unit supports Bluetooth for hands-free calls and audio streaming, as well as wireless Carplay and Android Auto for seamless smartphone integration.



**Figure 5.1:** Wireless connection capabilities. The image shows the unit's interface with various apps and a visual representation of how a phone connects via Bluetooth and Carplay to the T10 radio.

- **Bluetooth Pairing:** Go to the Bluetooth settings on the unit, enable Bluetooth on your smartphone, search for available devices, and select the unit's name to pair.
- **Carplay/Android Auto:** Ensure your smartphone has Carplay or Android Auto enabled. Connect wirelessly via Bluetooth or Wi-Fi as prompted by the unit.

### 5.4 Steering Wheel Control

The unit is compatible with most vehicle steering wheel controls. Configuration may be required in the unit's settings menu.



**Figure 5.2:** Steering wheel control integration and reverse camera display. The image highlights the ability to control the unit using existing steering wheel buttons and the automatic display of the reverse camera feed when backing up.

- Navigate to the 'Steering Wheel Control' section in the system settings.
- Follow the on-screen instructions to map your vehicle's steering wheel buttons to the desired functions on the multimedia player.

## 5.5 Reverse Camera Functionality

When a compatible reverse camera is connected and the vehicle is shifted into reverse gear, the unit will automatically display the camera feed on the screen, assisting with parking and maneuvering.

## 5.6 Radio Operation

Access the 'Radio' application to tune into FM/AM stations. Use the scan function to find available stations or manually input frequencies.

## 5.7 Media Playback

Connect USB drives to the provided USB ports to play audio and video files. Use the 'File Manager' or dedicated media player apps to browse and play content.

## 6. MAINTENANCE

- **Screen Cleaning:** Use a soft, lint-free cloth slightly dampened with water or a screen cleaner specifically designed for electronics. Do not use harsh chemicals or abrasive materials.
- **Software Updates:** Periodically check for available software updates through the system settings or the manufacturer's website to ensure optimal performance and access to new features.
- **General Care:** Avoid spilling liquids on the unit and protect it from excessive dust.

## 7. TROUBLESHOOTING

If you encounter issues with your multimedia player, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power	Incorrect wiring, blown fuse, vehicle ignition off	Check power connections, inspect vehicle fuses, ensure ignition is on
No sound	Volume too low, incorrect speaker wiring, mute activated	Increase volume, check speaker connections, disable mute function
Touchscreen unresponsive	System freeze, high temperature	Restart the unit (if possible), allow unit to cool down
Bluetooth/Carplay connection issues	Incorrect pairing, device compatibility, interference	Re-pair device, ensure device compatibility, move away from interference sources
GPS signal loss	Antenna placement, environmental factors	Ensure GPS antenna has clear view of sky, avoid tall buildings/tunnels

## 8. SPECIFICATIONS

- **Operating System:** Android 11
- **Screen Size:** 10 inches
- **Processor (T10 Variant):** Octa-core (2\*A75 + 6\*A55)
- **Processor Speed (T10 Variant):** 1.8 GHz
- **Tuner Type:** FM/AM
- **DVD/CD Player:** Not integrated
- **Connectivity:** 4G (T10 Variant), Bluetooth, Wi-Fi
- **Power Supply:** 12V DC (Negative Ground)
- **Included Accessories:** Installation tool, connectors, RCA cable, 2x USB cables, GPS antenna

## 9. WARRANTY AND SUPPORT

### 9.1 Warranty Policy

This product comes with a 12-month (365-day) warranty from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. It does not cover damage caused by improper installation, misuse, accidents, or unauthorized modifications.

## 9.2 Customer Support

For any product-related inquiries, technical assistance, or warranty claims, please contact our customer support. Our team is available to provide assistance and ensure your satisfaction.