

## KUNFINE B097JM2TL7

# KUNFINE 9-inch IPS Touchscreen Android 10 Car Navigation Stereo User Manual

Model: B097JM2TL7

## INTRODUCTION

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Thank you for choosing the KUNFINE 9-inch IPS Touchscreen Android 10 Car Navigation Stereo. This manual provides essential information for the proper installation, operation, and maintenance of your new device. Please read this manual thoroughly before using the product to ensure optimal performance and safety. This unit is designed for specific Mini Cooper EVO models from 2018-2021.



Image: Front view of the KUNFINE 9-inch IPS Touchscreen Android 10 Car Navigation Stereo, showcasing its design and display.

## SAFETY INFORMATION

- Ensure professional installation to avoid damage to the vehicle's electrical system or the device.
- Do not operate the device in a way that distracts you from driving. Always prioritize road safety.
- Avoid exposing the device to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.
- Use only approved accessories and cables.
- Disconnect power before performing any maintenance or cleaning.

## SETUP AND INSTALLATION

This unit is designed for a custom fit and includes all necessary cables for a plug-and-play installation. No wire cutting is required for standard installation. Professional installation is recommended.

## Compatibility

This device is primarily designed for Mini Cooper EVO models from 2018-2021. The product description also indicates suitability for BMW Mini Cooper F55 F56 NBT models from 2014-2016. Please ensure your vehicle's dashboard configuration matches the compatible examples shown below before installation.



Image: Compatibility chart for Mini Cooper models. The image displays various Mini Cooper dashboard configurations, indicating which ones are compatible (marked with a checkmark) and which are not (marked with an 'X') for this car navigation stereo.

## Connection Overview

The rear panel of the unit features various ports for power, audio, video, USB, and GPS antenna connections. Ensure all connections are secure before powering on the device.



Image: Rear view of the KUNFINE car navigation stereo. This image highlights the various input and output ports on the back of the unit, including power, USB, GPS, and audio/video connections, crucial for installation.

### Important Note on Backup Camera

**This unit does not support the factory backup camera. An aftermarket CVBS/AHD camera is required if you wish to use a rear view camera with this system.**

## OPERATING INSTRUCTIONS

The KUNFINE car navigation stereo runs on Android 10, offering a user-friendly interface and access to a wide range of features.

### User Interface Overview

Upon startup, the main screen displays various application icons for quick access to functions like navigation, multimedia, and settings.



Image: Main user interface of the KUNFINE Android car stereo. The screen shows a grid of application icons, including Gallery, Google, Maps, Messaging, and Play Store, indicating the system's Android functionality.

## Navigation

The unit comes with a pre-installed offline navigation application. Connect the GPS antenna for accurate positioning and route guidance. Online navigation apps can also be downloaded from the Play Store.



Image: Navigation screen of the car stereo. The display shows a map interface with a prompt to sign in for personalized map features, demonstrating the integrated GPS capabilities.

## Multimedia Playback

The system supports various audio and video formats, including MP3, WMA, FLAC, MP4, AVI, and MKV. You can play media from USB drives, SD cards, or streaming services.



Image: Multimedia player interface on the car stereo. The screen displays a music playback interface with controls and a tracklist, indicating support for various audio formats.

## Connectivity Features

- **Bluetooth 5.0:** For hands-free calling and audio streaming.
- **4G Network:** Supports global 3G/4G networks for internet access (SIM card required, not included).
- **Wi-Fi:** Connect to Wi-Fi hotspots for internet access.
- **Mirror Link:** Built-in CarPlay and Android Auto for seamless smartphone integration.
- **Voice Command:** Control various functions using voice commands.
- **Steering Wheel Control:** Compatible with your vehicle's existing steering wheel controls.

## Audio Processing (DSP)

The built-in 1GHZ high-speed floating-point DSP digital processor features a dynamic range compression (DRC) algorithm and a 30-band equalizer. This allows for precise audio adjustments and noise filtering, enhancing your listening experience.

## Split Screen Function

Utilize the split-screen feature to run two applications simultaneously, such as navigation and music playback.

## MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the screen and exterior. For stubborn marks, a slightly damp cloth with a mild, non-abrasive cleaner can be used, ensuring no liquid enters the device.
- **Software Updates:** Periodically check for software updates to ensure optimal performance and access to new features. Follow the on-screen instructions for any available updates.
- **Temperature:** The device is designed to operate within a standard temperature range of -40 to 80 degrees Celsius. Avoid prolonged exposure to temperatures outside this range.

## TROUBLESHOOTING

### Common Issues and Solutions

- **Device not powering on:** Check all power connections. Ensure the vehicle's ignition is on.
- **No sound:** Verify speaker connections. Check volume levels and audio settings, including DSP configurations.
- **GPS signal loss:** Ensure the GPS antenna is properly connected and has a clear view of the sky.
- **Touchscreen unresponsive:** Try restarting the device. If the issue persists, a factory reset might be necessary (note: this will erase all user data).
- **Bluetooth connectivity issues:** Ensure Bluetooth is enabled on both the stereo and your smartphone. Try unpairing and re-pairing devices.
- **Factory Backup Camera not working:** As stated in the setup section, this unit does not support the factory backup camera. An aftermarket CVBS/AHD camera is required.

If you encounter persistent issues not covered here, please refer to the support section for further assistance.

## SPECIFICATIONS

Feature	Detail
Operation System	Android 10
RAM + ROM	4GB DDR + 64GB EMMC (Customizable 4+128G)
CPU	AUTOCHIPS AC8259E Octa Core (A53*8) 2.6GHZ IMG GE8300
GPS / WIFI Module	MT6631N
Bluetooth Version	5.0
USB Support	1.1/2.0/3.0, supports 64GB U-disk, 32GB SD card, 1TB hard disk expansion (2 USB 2.0 high-speed interfaces, 1 SD card slot)
Network Mode	4G GSM (Supports all bands and formats globally)

Touch Screen Type	9" 1920*720 IPS Blue ray anti-fingerprint, anti-scratch, full bonding capacitive multi-touch screen
DSP	Built-in ultra-1GHZ high-speed floating-point DSP, DRC algorithm, 30-band EQ (0.1db precision control)
Rear View Camera Support	CVBS/AHD camera, built-in 3D 360 panorama audio (Note: Does not support factory backup camera)
Audio Formats	MP3, WMA, APE, FLAC, AAC and other lossless formats
Video Formats	MP4, AVI, WMV, RMVB, FLV, MKV, MOV, TS (Supports 4K ultra-clear video playback)
System Languages	English, Español, Deutsche, Italiano, Français, and others
Operating Temperature	-40 to 80 degrees Celsius
Package Dimensions	13.78 x 13.78 x 9.84 inches
Item Weight	13.2 pounds
Connectivity Technology	Bluetooth, USB, Wi-Fi
Controller Type	Android
Special Features	Built-In Bluetooth, Touchscreen, CarPlay, Android Auto, DSP, 4G Network, Voice Command, Split Screen
Compatible Devices	Smartphone
Connector Type	USB
Audio Output Mode	Stereo
Output Power	25 Watts
Number of Channels	4
Output Wattage	50 Watts

## WARRANTY INFORMATION

KUNFINE products are covered by a standard manufacturer's warranty against defects in materials and workmanship. The specific duration and terms of the warranty may vary by region and retailer. Please retain your proof of purchase for warranty claims.

For detailed warranty terms and conditions, please refer to the documentation provided with your purchase or

contact KUNFINE customer support.

## CUSTOMER SUPPORT

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If you require technical assistance, have questions about installation, or need help with troubleshooting, please contact KUNFINE customer support.

- **Online Support:** Visit the official KUNFINE website for FAQs, support resources, and contact forms.
- **Email Support:** Refer to your product packaging or purchase documentation for specific email contact information.

When contacting support, please have your product model number (B097JM2TL7) and purchase date available.