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litillbuly 8.8 Inch Car Radio Screen User Manual

For BMW 3/5 Series E60 E61 E63 E64 E90 E91 E92 CCC (2004-2008)

1. Product Overview

This manual provides detailed instructions for the installation and operation of your litillbuly 8.8 Inch Car Radio Screen. This unit is designed to upgrade the infotainment system in specific BMW 3 and 5 Series models, integrating modern features while retaining original vehicle functionalities.

1.1. Compatible Car Models

- **BMW 5 Series:** E60, E61, E63, E64 (2004-2008) - including 535i, 525i, 530i, 528XI, 528i, 530xi, 545i, 530I, 528I(E60), 550i, 525Ixi, 540i, 530XI.
- **BMW 3 Series:** E90, E91, E92 (2004-2008) - including 328i, 335i, 325i.

Important: Please confirm your car model and original system (CCC) before installation.



Image: Identification of compatible CCC system (10-Pin LVDS) versus incompatible CIC system (4-Pin LVDS).

1.2. Package Contents

The product package includes the following items:

- Car Radio Screen Unit

- Power Cable
- USB Cable
- GPS Module
- Video Input Cable
- 4G Module (if applicable to your variant)
- Crowbar (Pry Tool)
- Screwdriver

2. Installation Guide

This section provides a general guide for installing the litillbuly Car Radio Screen. Professional installation is recommended. Refer to the detailed video for visual instructions.

2.1. Installation Video

Video: Detailed installation steps for the litillbuly Car Radio Screen in a BMW vehicle. This video covers factory radio removal, harness connection, antenna placement, and panel reinstallation.

2.2. Factory Radio Removal

1. Carefully use the provided crowbar tool to pry open the trim panels around the original radio unit.
2. Unscrew and remove the original radio unit. Disconnect all cables from the back of the unit.

2.3. Harness Connection

Connect the new wiring harness to the original car's connectors and the new head unit. Ensure all connections are secure.

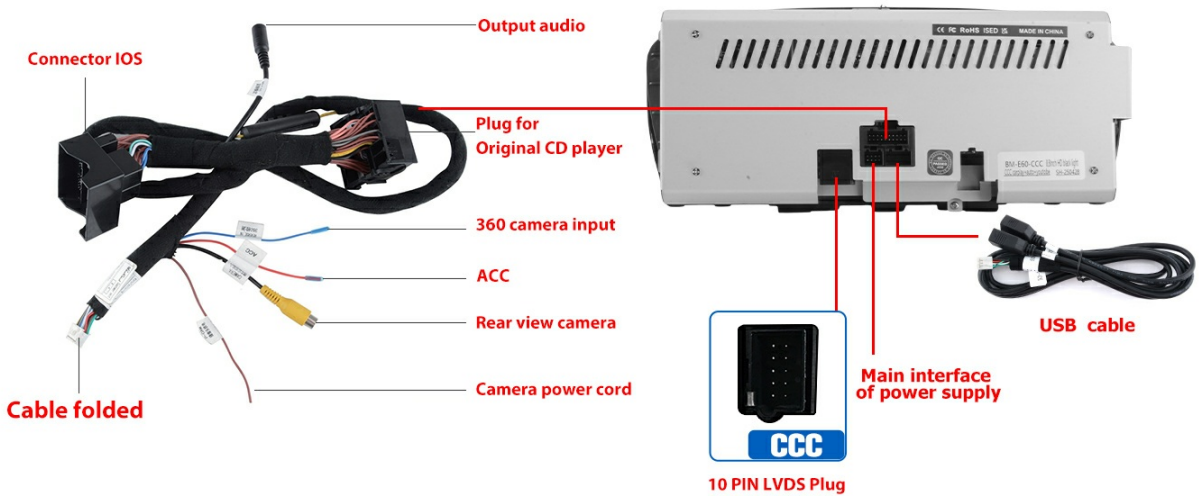


Image: Wiring diagram illustrating connections for the new head unit, including power, USB, camera inputs, and the 10-pin LVDS plug for CCC systems.

Note:

- If your car has a fiber optic cable (green color), please plug it into the power harness as shown in the installation video.
- Ensure the LVDS plug is correctly connected.

2.4. Antenna Placement

Connect the GPS Module and 4G Module (if applicable) to the new head unit. Route the antennas to a suitable location, such as on the dashboard, for optimal signal reception.

2.5. Initial Function Check

Before reinstalling all panels, power on the car and check the functions of the car radio, including sound, FM radio, Bluetooth, and screen display. This ensures proper installation before final assembly.

2.6. Reinstall Panels

Once all functions are verified, carefully reinstall the trim panels and secure the new head unit in place.

3. Operating Instructions

3.1. Wireless CarPlay & Android Auto

The unit features built-in Wireless CarPlay and Android Auto for seamless smartphone integration.

1. Open the CarPlay or Android Auto app on the unit.
2. On your phone, turn on Bluetooth and pair with the device (e.g., BT1959).
3. Turn on Wi-Fi on your phone and connect to the device's Wi-Fi hotspot.

After successful connection, you can use navigation, make calls, send messages, and enjoy music through the car's display.



Image: Visual guide for connecting Wireless Apple CarPlay and Android Auto.

3.2. Video Playback via WiFi

The device supports Wi-Fi connection to access online video content. You can also play downloaded videos via USB.

Note: The Wi-Fi function is primarily for video streaming with specific software and does not support downloading or using other applications.

Warm Tips

The device makes sound through your original aux output,if your original car is without "aux",you need to buy the AUX activator,please search the asin:B08XXF2T5Q
The device with linux system don't support add android apps.



Image: Display of video playback capabilities and a reminder about Wi-Fi usage restrictions.

3.3. Original Functions Retention

The retrofit display retains all original car functions, including:

- Original car radio
- iDrive system control
- Original reversing camera support
- Steering Wheel Control (SWC) function

You can freely switch between the original car system and the Android system.



Image: Demonstrates the ability to switch between the new system and original car functions, retaining features like the CD player and iDrive controller.

3.4. Bluetooth Connectivity

The unit includes Bluetooth 5.0 for hands-free calling and audio streaming. Answer/make calls without distractions using the built-in microphone and car speakers.

3.5. Screen Resolution Settings

To ensure optimal display, adjust the screen resolution if needed:

1. Go to 'Car Info' on the main menu.

2. Select 'Factory Head Unit Parameter Setting' or 'General Setting'.
3. Navigate to 'Original Menu Resolution Adjustment (Manual)' or 'Original menu Resolution adjustment (automatic)'.
4. Select the appropriate resolution for your original CCC system (e.g., CCC 640x250).

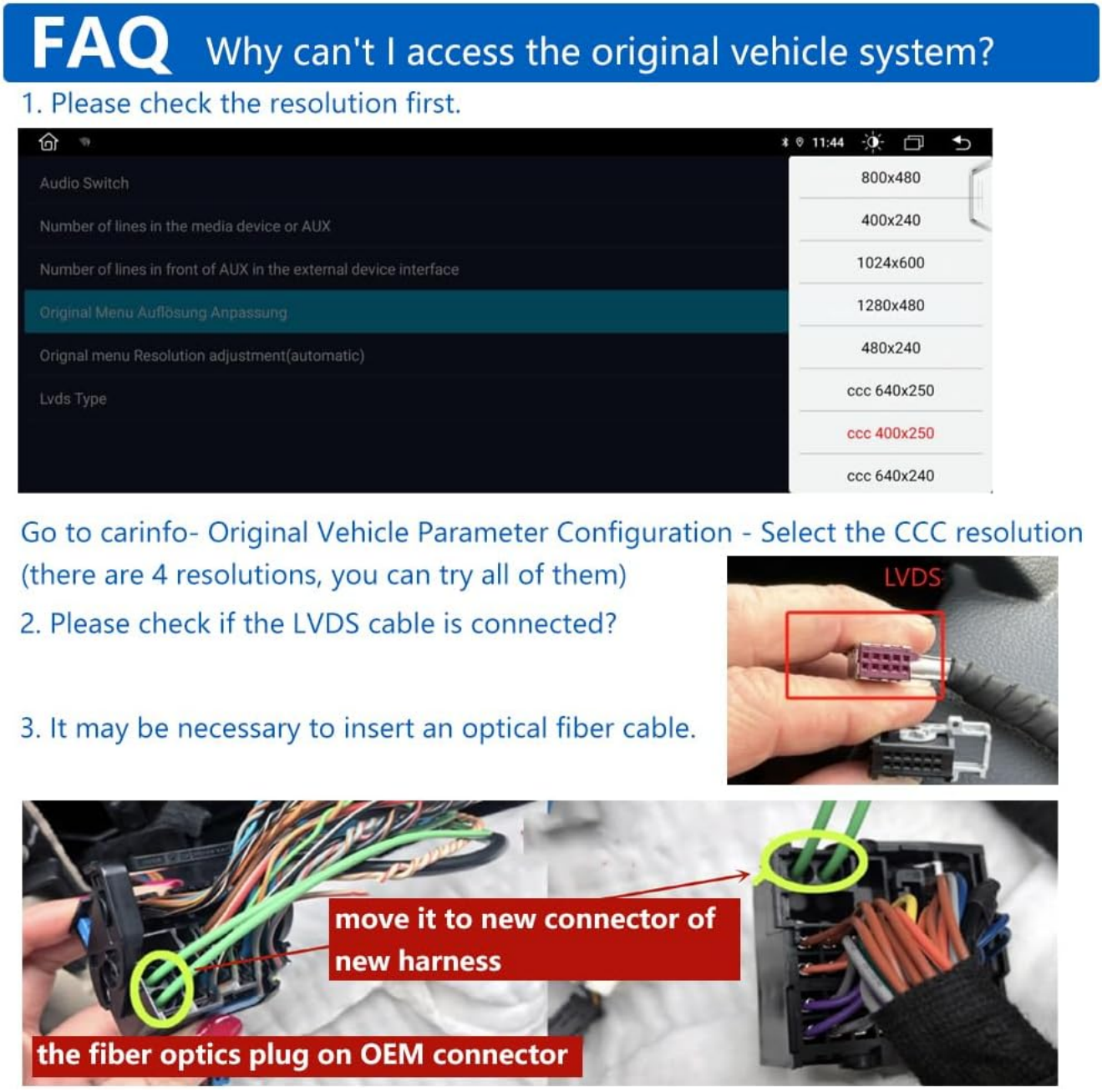


Image: Guide for adjusting screen resolution settings within the unit's menu.

3.6. AUX Sound Settings

The device outputs audio through your original AUX output. If your car does not have an AUX input, an AUX activator may be required (ASIN: B08XXF2T5Q).

1. Access the original car menu.
2. Navigate to 'Entertainment' and select 'Audio AUX'.
3. Ensure 'External audio source' is selected.
4. Adjust Treble/Bass settings as desired.

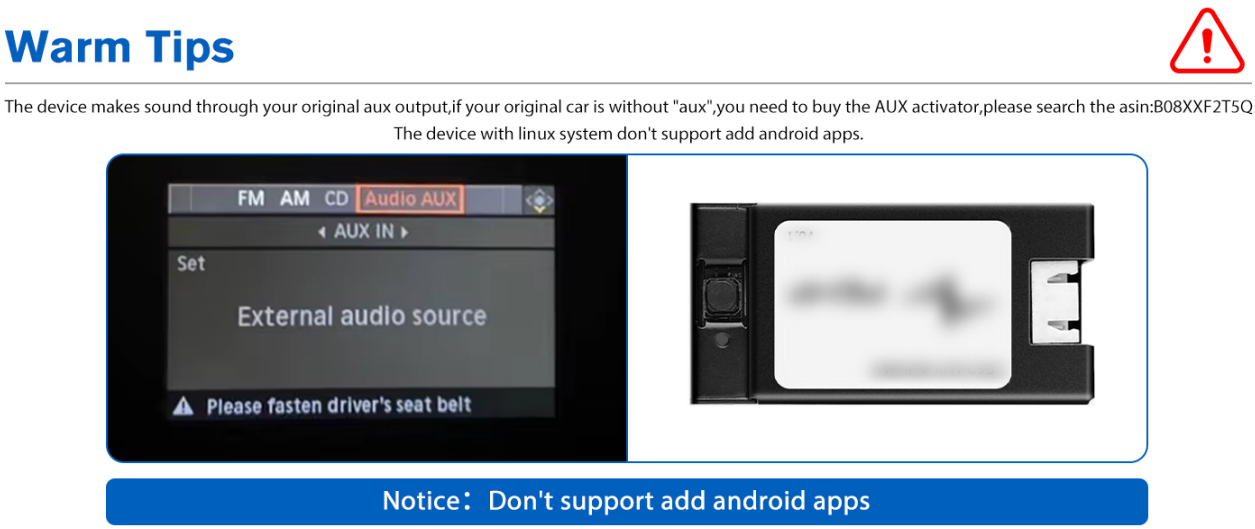


Image: Reminder about AUX audio output and the inability to download Android apps on the Linux system.

3.7. Aftermarket Backup Camera Installation (Optional)

If you are installing an aftermarket backup camera:

1. Connect the camera's video output (yellow RCA) to the 'CAM IN' input on the unit's harness.
2. Connect the camera's power wire to the reverse light power source.
3. Connect the camera's ground wire to a suitable ground point.
4. Connect the small red wire from the video cable to the 'BACK' wire on the unit's harness (this signals the unit to switch to the camera view when reversing).

3.7.1. Backup Camera Screen Resolution Settings

To configure the backup camera display:

1. Go to 'Car Info' on the main menu.
2. Select 'Factory Head Unit Parameter Setting' or 'General Setting'.
3. Find 'Rear Camera Type' and select 'Aftermarket Rear Camera'.
4. Choose the correct camera type (e.g., AVM, AHD, TVI) based on your camera's specifications.

4. Troubleshooting

4.1. Cannot Access Original Vehicle System

If you are unable to access the original vehicle system:

1. Check the resolution settings: Go to 'Car Info' > 'Original Vehicle Parameter Configuration' and try different CCC resolutions (there are 4 options).
2. Verify the LVDS cable connection: Ensure the LVDS cable is securely plugged in.
3. Fiber optic cable: It may be necessary to insert an optical fiber cable into the new harness if your car has one.

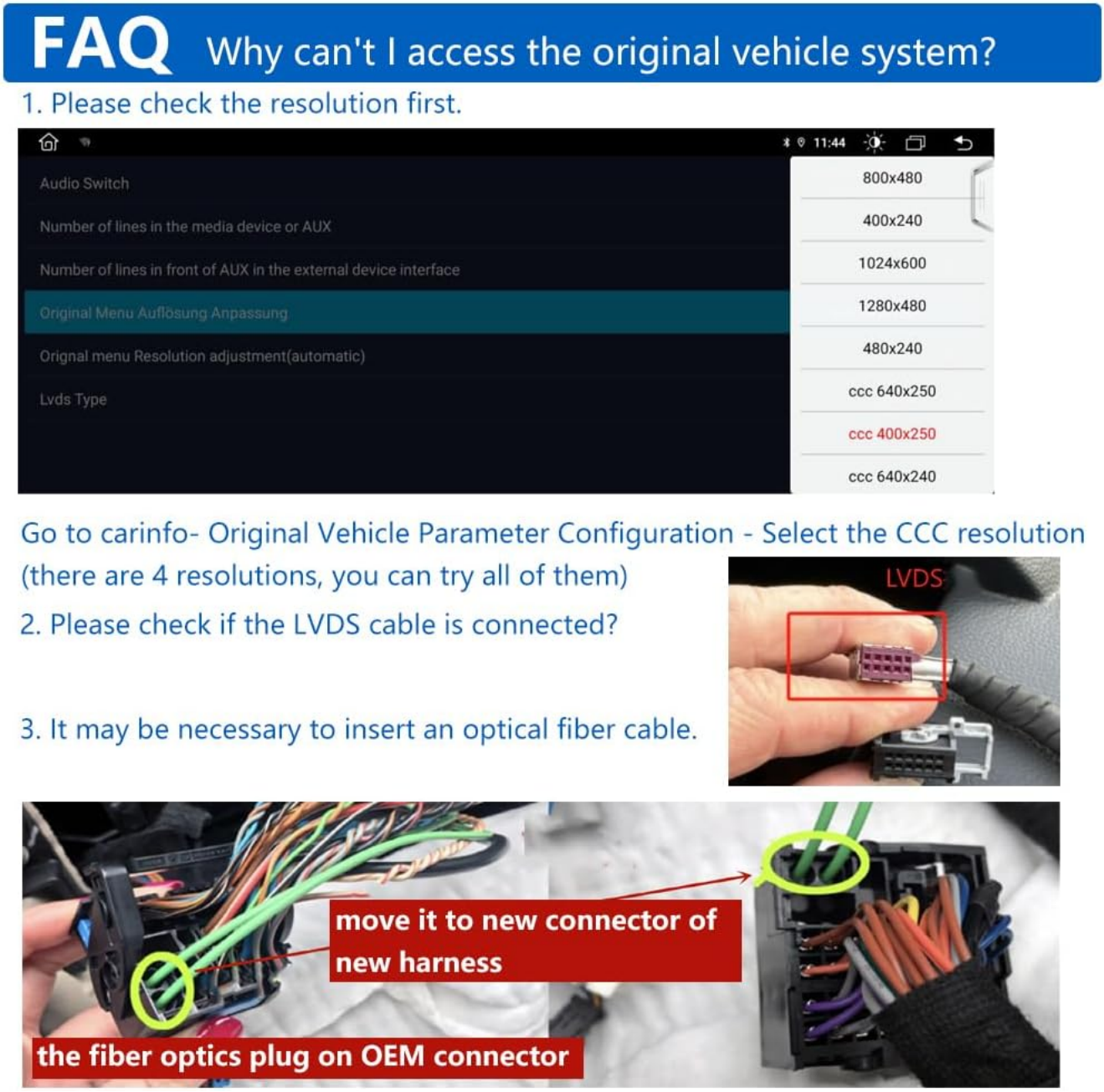


Image: Troubleshooting steps for issues with accessing the original car system, focusing on resolution, LVDS, and fiber optic connections.

4.2. Original Vehicle Interface Has Shifted

If the original vehicle interface appears shifted on the screen:

1. Enter 'Car Info' > 'Function Selection' > 'Full Screen Display of the Original Vehicle'.

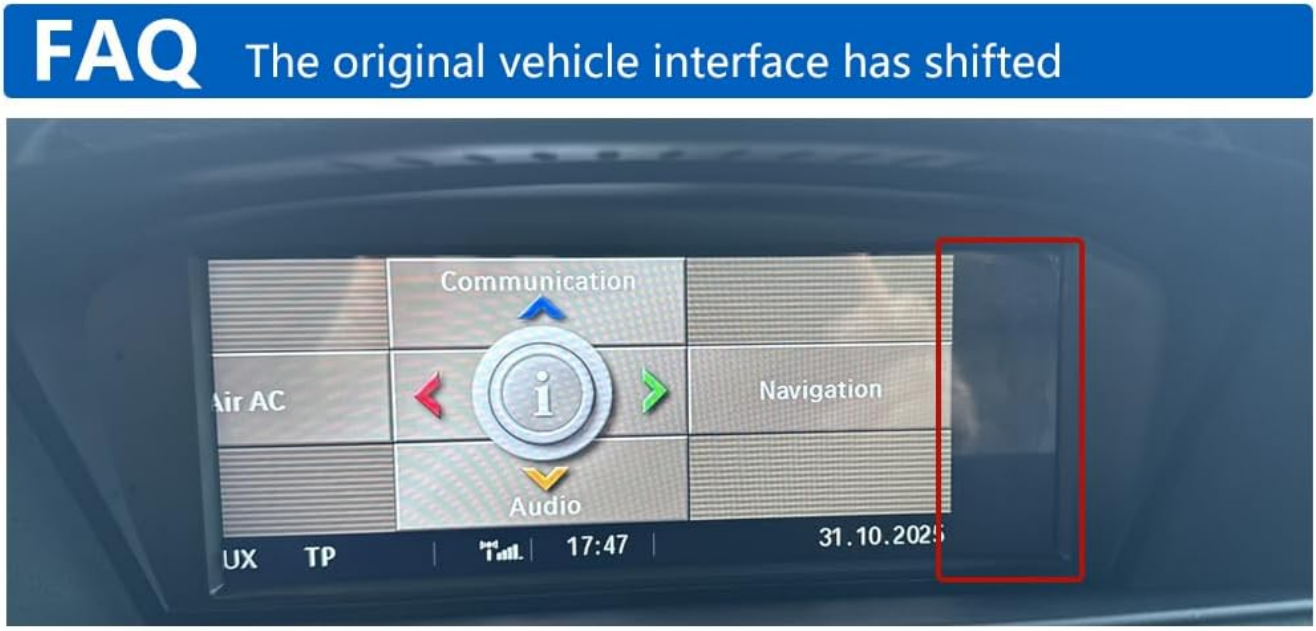


Image: Solution for a shifted original vehicle interface display.

4.3. DSP Functionality

This machine does not support DSP (Digital Sound Processor) functionality. Please confirm this limitation before purchase.

5. Specifications

Feature	Specification
Item Weight	3.39 pounds
Package Dimensions	12.2 x 7.5 x 6.4 inches
Item Model Number	735851447659
Display Size	8.8 Inches
Screen Size	8.8 Inches
Voice Command	Microphone, Touchscreen
Connectivity Technology	Bluetooth
Audio Output Mode	Stereo
Mounting Type	Panel Mount
Operating System	Closed Android system (Android 12)

Processor	A53 8-core
Memory	2GB RAM + 8GB Storage (for this variant)
Bluetooth Version	5.0

6. Warranty and Support

The product includes 2-year services with technical support. Component repair or replacement is available in all cases. Personalized support is offered via email and an online platform. A manual in 5 languages and professional assembly tools are also included.
For further assistance, please contact litillbuly customer support.

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