

BESIGN BK01

BESIGN BK01 Bluetooth Car Kit User Manual

Model: BK01

1. INTRODUCTION

The BESIGN BK01 Bluetooth Car Kit is designed to transform your vehicle's audio system into a hands-free, wireless environment. This device allows you to stream music from your smartphone and manage incoming calls directly through your car stereo, enhancing convenience and safety while driving. It features the latest Bluetooth 5.3 technology for stable connections and lower power consumption, along with a ground loop noise isolator to ensure clear audio quality.

2. PACKAGE CONTENTS

Please verify that all items are included in your package:

- BESIGN BK01 Bluetooth Car Kit
- USB Car Charger (Dual Port 2.1A)
- Magnetic Mounting Plate
- Ground Loop Noise Isolator
- User Guide



Image: Contents of the BESIGN BK01 Bluetooth Car Kit package.

3. PRODUCT OVERVIEW

The BK01 Bluetooth Car Kit consists of a main receiver unit with control buttons, a ground loop noise isolator, and a dual-port USB car charger. The receiver unit features a Multi-Function Button (MFB), Previous Song Button, and Next Song Button, along with an LED indicator for status. The magnetic mounting plate allows for flexible placement within your vehicle.



Image: Overview of the BESIGN BK01 Bluetooth Car Kit.

4. SETUP AND INSTALLATION

To set up your BESIGN BK01 Bluetooth Car Kit, follow these steps:

- 1. Connect to Power:** Plug the dual-port USB car charger into your vehicle's cigarette lighter socket.
- 2. Connect Receiver:** Plug the USB cable from the BK01 receiver into one of the USB ports on the car charger.
- 3. Connect to Aux-in:** Connect the 3.5mm audio cable from the BK01 receiver to your car's 3.5mm AUX input port. Ensure your car stereo is set to AUX input.
- 4. Optional Noise Isolator:** If you experience a buzzing noise, connect the ground loop noise isolator between the BK01 receiver's 3.5mm output and your car's 3.5mm AUX input.
- 5. Mount the Receiver:** Use the magnetic mounting plate to secure the BK01 receiver in a convenient location on your dashboard or console.



BESIGN BK01

Besign BK01 Bluetooth car kit is designed to turn your vehicles into a hands-free environment. You could use your car stereo system to enjoy your music on your phone and receiving incoming calls with this car kit.



Plug and Play installation



Image: Step-by-step installation guide for the BK01.



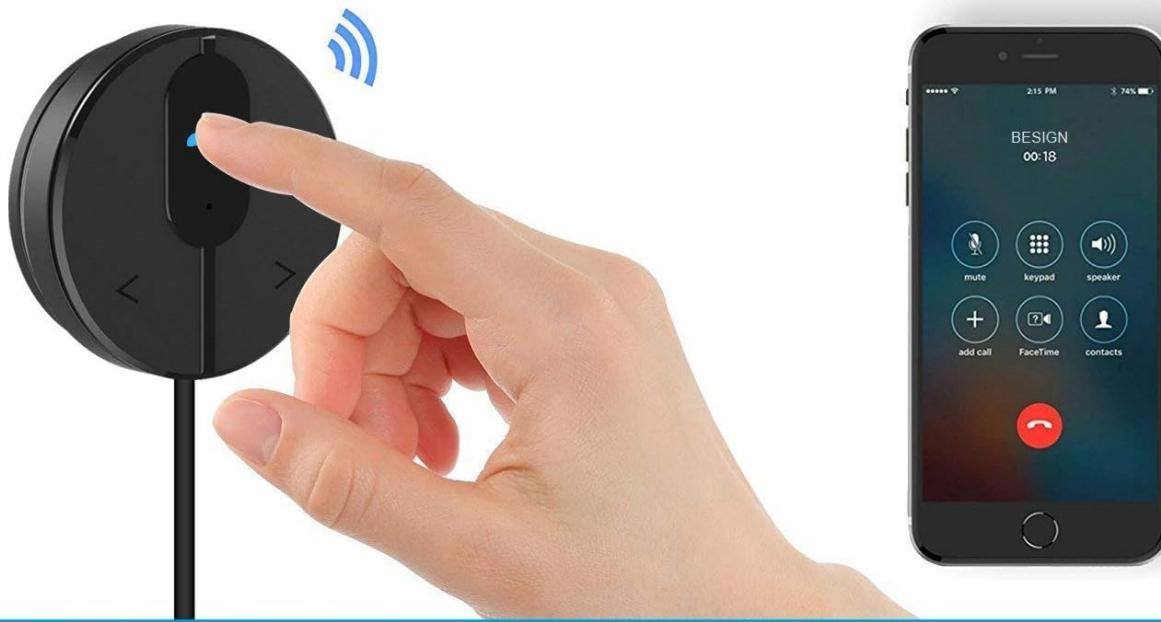
Image: Ground Loop Noise Isolator connection for noise elimination.

5. OPERATING INSTRUCTIONS

The BESIGN BK01 is designed for intuitive operation:

- **Auto-On & Auto-Connect:** The car kit will automatically power on when you start your car. It will then automatically reconnect to the last paired phone if its Bluetooth is enabled.
- **Manual Power On/Off:** Press and hold the Multi-Function Button (MFB) for 5 seconds to manually turn the BK01 car kit on or off.
- **Answering/Ending Calls:** Press the MFB button once to answer an incoming call or end an ongoing call.
- **Rejecting Calls:** Press the MFB button for 2 seconds to reject an incoming call.
- **Redial Last Number:** Double press the MFB button to redial the last dialed number.
- **Mute/Unmute Call:** Press and hold the Previous Track button for 2 seconds.
- **Transfer Call (BK01 to Phone / Vice Versa):** Press and hold the MFB button for 2 seconds during a call.
- **Music Play/Pause:** Press the MFB button once.

EASY USAGE WITH SHORT CUT KEYS



| | |
|--|---|
| Answer Call: | • Press the MFB button once |
| End Call: | • Press the MFB button once |
| Reject Call: | • Press the MFB button for 2 seconds |
| Redial last number: | • Double press the MFB button |
| Mute & Un-mute call: | • Press and hold the Previous Track button for 2 seconds |
| Transfer Call-BK01 to Phone or Vice versa: | • Press and hold the MFB button for 2 seconds |
| Siri or Voice Command: | • In the standby mode, press & hold the Next Track button for 2 seconds |
| Music Pause/Resume: | • Press the MFB button once |

Image: Control functions of the BK01 receiver.

6. PAIRING WITH TWO PHONES

The BESIGN BK01 supports multi-point technology, allowing you to connect with two smartphones simultaneously. To connect two phones:

1. Disconnect the BK01 car kit from the first paired smartphone by disabling Bluetooth on that phone. The BK01 will automatically re-enter pairing mode.
2. Enable Bluetooth on the second smartphone, search for "BK01", and pair with it.
3. Re-enable Bluetooth on the first paired smartphone. The BK01 car kit will now be connected to both mobile phones.

Note: You may need to manually connect the previously paired smartphone if it does not connect automatically.



Image: Multi-phone connection capability.

7. SIRI OR VOICE COMMAND

Activate voice command functions on your Android or iOS device through the BK01:

- In standby mode, press and hold the "Next Track" button for 2 seconds to activate Siri or your device's voice command function.

Refer to your phone's manual for detailed instructions on its voice command features.

Now Give **VOICE COMMAND** Or Use **SIRI** With **BESIGN BK01**



Image: Using voice commands with the BK01.

8. TROUBLESHOOTING

Common issues and their solutions:

- **How to use this car receiver?**

- A. Your car must have a 3.5mm Aux port.
- B. Switch the car audio to AUX when you use this car receiver.

- **The calling volume is very low and music volume is very loud:**

Call and music volume settings are different on your smartphone. Adjust the call volume when your smartphone is in call or dialing mode only. Note: For iPhone, the first Bluetooth connection's call volume may decrease significantly; you need to adjust it manually.

- **Auto-On not activating:**

Auto-on is activated by impulse current. If the power supply changes twice in a short time (e.g., when changing power from car engine to battery), the impulse current activation may fail. In this case, you need to turn on the car kit manually.

- **No calling voice from this car receiver:**

A. Open your Bluetooth settings and click on this car receiver. Check if all related profiles for this car receiver are selected.

B. For iPhone, please receive the phone call via the car receiver button. If you receive the call from your iPhone directly, the calling will transfer to your phone speaker due to iPhone Bluetooth settings.

9. SPECIFICATIONS

| Feature | Detail |
|-------------------------|---------------------------|
| Product Dimensions | 1.6 x 0.52 x 1.6 inches |
| Item Weight | 5 ounces |
| Model Number | BK01 |
| Connectivity Technology | Bluetooth, Auxiliary, USB |
| Bluetooth Version | 5.3 |
| Power Source | Corded Electric |
| Material | Plastic |
| Special Feature | Hands-Free Calls |
| Manufacturer | BESIGN |
| Country of Origin | China |

10. SAFETY INFORMATION

Please observe the following safety guidelines:

- Avoid using near other wireless devices to prevent interference.
- Follow local regulations for battery disposal.
- Keep away from extreme temperatures and humidity.

11. WARRANTY AND SUPPORT

For product support, please contact BESIGN directly:

- Email: contact@besign-tech.com
- Website: www.besign-tech.com

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

TEST REPORT

| | |
|---|-------------------------------------|
|  | Report No.: TW2311009E |
| Applicant: Shenzhen JianYi Keji Youxian Gongsi | Product: Ground loop Noise Isolator |
| Trademark: BESIGN | Model No.: GLNI01 |
| Test Standard: FCC Part 15 Subpart B | |
| Test Result: It is herein confirmed and found to comply with the requirements set up by ANSI C63.4/FCC Part 15 regulation for the evaluation of electromagnetic compatibility | |
| Approved By:  Terry Li Manager | Dated: November 29, 2023 |
| Results appearing herein relate only to the sample tested. The technical report is issued errors and omissions except and is subject to withdrawal at | |
| SHENZHEN TIMEWAY TESTING LABORATORIES. Zone C, 1st Floor, Block B, Jun Xiang Da Building, Zhongshan Park Road West, Tong Le Village, Nanshan District, Shenzhen, China | |
| Tel: (755) 83446688 Fax: (755) 83442996 Email: info@timeway-lab.com | |

[pdf] Test Report

Microsoft Word TW2311009 FCC PART15B ada Test Report Shenzhen JianYi KeJi Youxian Gongs GLNI01 Ground loop Noise Isolator 2A2IXGLNI01 glni01

Report No.: Applicant: Product: Trademark: Model No.: TW2311009E Shenzhen JianYi KeJi Youxian Gongs ... Manufacturer Model Rating PC Wireless Car Kit ThinkPad Shenzhen JianYi KeJi Youxian Gongs R4 **BK01** DC19V, 2.31A DC5V, 0.5A The report refers only to the sample tested and does not apply to th... lang:en score:17 filesize: 1.58 M page_count: 20 document date: 2023-12-06