

## 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.



BT 5.3



Aux Output



Dual 2.4A



Ground Loop  
Noise Isolator

### ***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](mailto:contact@besign-tech.com)
- Website: [www.besign-tech.com](http://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 Gongs  
Product: Ground loop Noise Isolator  
Trademark: BESIGN  
Model No.: GLN01  
Test Standard: FCC Part 15 Subpart B

Test Result: It is herewith confirmed and found to comply with the requirements set up by ANSI C63.4&FCC Part 15 regulations for the evaluation of electromagnetic compatibility

Approved By:   
Terry Li  
Manager

Date: November 29, 2023

Results appearing herein relate only to the sample tested  
The technical reports is issued errors and omissions exempt and is subject to withdrawal at

SHENZHEN TIMEWAY TESTING LABORATORIES.  
Zone C, 1st Floor, Block B, Jiu Xiang Da Building, Zhongshan Park Road West,  
Tong Le Village, Nanshan District, Shenzhen, China

Tel: (755) 8348688 Fax: (755) 8342986 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