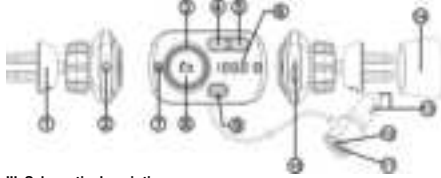# BC49BQ car bluetooth charger

User manual

Bluetooth Car Charger BC49BQ User Manual

Thank you for choosing and purchasing our bluetooth hands-free car charger! In order to give full play to your functional use and normal operation of this product, please read this manual before use!

I. Product   Profile

This product is a car-specific bluetooth hands-free car charger MP3 player. Using high-performance bluetooth chip, the product can transmit MP3 music in your mobile phone to your car audio through wireless transmission, also it can make hands-free calling. You can enjoy the music and answer the call in hand-free mode without refitting your car, which ensure the driving safety while enjoying music.

II. Product   Appearance Diagram and Introduction

III. Schematic description:
1. Air conditioning mount
2. AUX interface (audio output)
3. Ambient light display
4. Short press for previous song; long press for FM-
5. Short press for next song; long press for FM+
6. Display window
7. Microphone
8. Muti-function button: short press pause/play, long press to activate SIRI/GOOGLE voice assistant, short press to answer/hang up the phone after bluetooth connected, double click to redial, long press to reject, turn on the phone and then press to turn privately to answer .
9. Short press for color change (red, orange, yellow, green, cyan,blue, purple, breathing mode, etc.)
10. TF card slot
11. USB2 Qualcomm® Quick Charge3.0 output 5V/3A MAX
12. USB1 OUT 5V/2.4A
13. Power input (inserted into the car cigarette lighter)
14. Car center console fixed base

IV. Features:
1. Support FM full frequency point transmission function 87.5-108.0MHZ
2. Support dot-shaped large digital tube display
3. Support U air conditioning / center console installation
4. Support TF card playing music
5. bluetooth answer, hang up, reject, redial phone and other functions
6. bluetooth stereo music play
7. Support ambient light display
8. Support Qualcomm® Quick Charge3.0 output 5V/3A MAX
9. Automatic power-off memory function
10. Support AUX output function
11. Support private answering
12. Support SIRI/GOOGLE voice assistant
13. Support MP3, WMA, WAV,FLAC format music playback
14. Support navigation voice prompts

V. Operation Instructions
5.1 bluetooth mode
5.1.1.Insert the product into the car cigarette lighter, the machine automatically turns on, enters the bluetooth mode.Adjust the car radio frequency the same as frequency of the product.
5.1.2.Open the bluetooth search "Carkit" pair name of single, click the pairing name to connect to bluetooth.
5.1.3.Turn on the phone music player to play music on your phone via bluetooth, and click the phone button to control the music to pause/play.
5.1.4.Short press the phone button to answer/hang up,long press to reject.Double-click to re-dial the phone, and long press the mode key to switch to private answer in a call.

Note:Only the last call number on the call list can be redialed.

5.2 TF Card playback
5.2.1 Insert the TF card into the TF card slot and the product will switch to the TF card mode and play the music file in the TF card automatically. Pause music by clicking the phone button, and switch music through the FM button.

5.3 AUX output mode
5.3.1   In the playback state of Bluetooth or TF card, if you want to use the AUX output, you can directly insert the audio cable to the car AUX port, and the sound will be send out through the AUX.

5.4 Frequency adjustment
5.4.1 After starting up,long press the last/next song button to enter the transmission frequency adjustment.

Note: Long press to fast FM addition adjustment, short press to fine tune.

5.5 Mode switching
5.5.1 Inserted the TF card/AUX(Line-in)   while the bluetooth connection is successful, press the "M" key to switch the mode.

Note: When mode switching and external device insertion, the product will have corresponding voice prompts to indicate the current status of the device.

5.6 Light switch
5.6.1 After powering on, press "M" to switch the color of the light. Switching sequence: red, orange, yellow, green, cyan, blue, purple, breathing light,light out etc.

5.7 Siri/Google voice assistant
5.71 After bluetooth connected successfully, long press the dial key 2S to activate the voice assistant function,you can make the phone call,play music,run the navigation of mobile apps ect..(support phone model iPhone/Samsung/original android system phones)
Note: Some mobile phones may not support voice assistant function

5.8. Charging recognition
Connect the mobile device with the Qualcomm® Quick Charge3.0 interface, the machine will automatically identify the type of charging device, and shake hands with the device through the corresponding charging protocol to obtain the maximum charging current, saving the charging time under the premise of protecting the charging device.
Supports: QC3.0、QC2.0、FCP、BC1.2 ect fast charging protocol.

VI. Power-off memory
Every time when you power off this product, the system will memorize the FM frequency,light and the song played. It will continue to play this song recorded when you start to use next time. When the storage device is plugged out, changed or detected wrong, the system will return to the first song in the list.

VII.Technical Parameters

Rated working voltage	12V-24V
Limit working voltage	8-27V
USB output	USB1 5V/2.4A USB2 Qualcomm® Quick Charge3.0
Working temperature	0-60℃
Charging recognition	USB2 with Qualcomm® Quick Charge3.0 protocol
Music format	MP3、WMA、WAV、FLAC、APE
SNR	>60dB
Degree of distortion	<0.1%
Frequency response	20Hz-15Khz
Resolution of right and left channel	〉60dB
bluetooth version	Version5.3
bluetooth sound processing	A2DP(Advance Audio Distribution Profile)
bluetooth transmission distance	<10M
Effective distance of bluetooth microphone	0.5-2M
FM frequency	87.5-108.0MHZ
FM mode	Stereo digital PLL frequency locking

VIII. Attentions

1. This product contains dual USB outputs. It can charge two devices at the same time, USB2 supports Qualcomm® Quick Charge3.0.
2. A built-in antenna is provided for the product, so please avoid using the broadcasting station frequency that is with strong signal so as to get better sound effect.
3. The method to operate the bluetooth may differ due to the difference of the phones applied.
4. Some phones may not support automatic connection if they are powered on after the power failure. If so, please connect them by hand.
5. This product is compatible with more than 95% phones on the market but some are still incompatible. Please pay attention to it when purchasing our product.
6. The volume should be proper during the call to avoid affecting the other party.
7. Do not use this product in the environment with high temperature, dusts or moisture
8. Do not drop the product to avoid surface damage or breakdown.
9.The bluetooth of this product supports background play.   If there is a prompt tone when playing music with TF card function, it will switch to the bluetooth hands-free mode. After finished call, return to TF card function automatically.

IX. Package attachment
1. Host   2. User Manual   3. Aux cable