

WIRELESS FM TRANSMITTER

USER MANUAL

PACKING LIST

EN



Product x 1



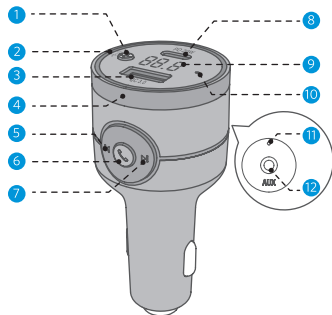
User Manual x 1



AUX Cable x 1

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PRODUCT STRUCTURE




- 1 Light Button/CH Button
- 2 RGB Ring Light
- 3 USB-A Quick Charge Output Port: QC3.0
- 4 Rotatable Ring Knob (Increase/Decrease frequency or volume)
- 5 Previous Track
- 6 Multifunctional Button: Pause/Play/Hands-free Call (Answer/Hang up/Reject/Redial) / Power on/Power off
- 7 Next Track
- 8 USB-C Fast Charge Output Port: PD 20W
- 9 Digital Display Screen
- 10 Microphone 1
- 11 Microphone 2
- 12 AUX Out Port


SPECIFICATIONS

Product Name	BH501
Effective Distance	5m
FM Tuning Range	88.1MHz - 107.9MHz
Support Audio Format	MP3/WMA/WAV/FLAC/AAC/APE
Support Bluetooth Protocol	A2DP/AVRCP/HSP/HFP
USB-A Quick Charge Output Port	QC3.0, DC 5V/3A, 9V/2A, 12V/1.5A
USB-C Fast Charge Output Port	PD 20W, DC 5V/3A, 9V/2.22A, 12V/1.67A


1. Power On/Off

Power On: Start your car and plug BH501 into cigarette lighter. It'll turn on and its screen will light on. If BH501 is in power-off state while being electrified, short press any button on it to turn it on.

Power Off: Cut its power to turn it off. If BH501 is in power-on state, long press multifunctional button  for 2s to turn it off.

Note: When BH501 is turned off via the multifunctional button , its charging ports are still workable.

2. Light Adjustment

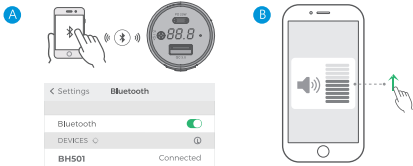
9 Light Colors: 7 single colors + 1 RGB static color + 1 RGB dynamic color, Short press light button  to switch 10 modes among Static RGB, Green, Red, Blue, Yellow, Cyan, Purple, White, Dynamic RGB and Light Off.

Memory Function: It'll remember the light mode before power off and display the same light mode when you reboot it.

3. Connection Instructions of Bluetooth/FM Tuning/AUX Out

Step 1: Bluetooth Connection

- A. Enable the Bluetooth function on your smart devices (eg. Phone, Pad, etc.), and search "BH501" and connect it. You can use it after successful connection. When you use BH501 again, it'll reconnect the last-connected device automatically.
- B. After successful Bluetooth connection, please appropriately turn up the volume of your device.



Step 2: AUX Out/FM Tuning

After your device is connected to BH501's Bluetooth successfully, there are 2 ways for music output: AUX Out and FM Tuning. If your car is equipped with AUX In port, we suggest you connect BH501 to your car via the included AUX cable, so that you could get a better audio experience.

**Output 1:
FM Tuning**



**Output 2:
AUX Cable
Connection**





If you have connected product with your car with a AUX cable, the default music output turns to AUX Out.



Output 1: FM Tuning (If your car doesn't have AUX port, please choose this way to connect)



When you use BH501 for the first time, please adjust its blank FM frequency to be the same as that of your car (Not a frequency of local broadcast/A frequency without any broadcast/A frequency only with white noise). For seeking a

better sound enjoyment, please make sure that the blank FM frequencies of BH501 and your car are the same every time you use the product (Not a frequency of local broadcast/A frequency without any broadcast/A frequency only with white noise).

- Adjust your car's FM radio to a blank frequency (An empty frequency without any broadcast/A frequency only with white noise), eg. FM 88.8.
- Long press light button  for 2s to enter into FM tuning mode, and the LED digital display screen will display frequency and flash. Rotate the ring knob to adjust the frequency. Rotate clockwise/anticlockwise to increase/decrease frequency and adjust it to be the same as that of your car, eg. FM 88.8. After tuning, short press light button  or wait for 3s to exit from FM tuning mode.

Meanwhile, there are 2 other ways to adjust frequency

Method 2: Precise Tuning - Short press /  button to increase/decrease frequency.

Method 3: Quick Tuning - Long press /  button to increase/decrease frequency.





Output 2: AUX Cable Connection

If your car supports AUX input, we suggest you use AUX cable to connect your car with BH501 for getting a better audio experience. Use one end of AUX cable to connect AUX Out port of BH501 and other end to connect AUX port of your car, and

the sound will be synchronized to car's speaker via the AUX cable.






4. Bluetooth Hands-free Function (Please ensure successful input/out connection before using this function)

- Answer the Call: Short press .
- Hang Up the Phone: Short press .
- Redial Last Number: Double press .
- Reject the Call: Long press  for 2 seconds.

5. Music Function (Please ensure successful input/out connection before using this function)

After your smart device (eg. Phone, Pad, etc.) is connected to product's Bluetooth successfully, if you play music on your device, the music will be synchronized to your car speaker via AUX cable or FM connection. The music playing operation is shown as follows:

- Play/Pause: Short press  button.
- Previous Track or Next Track: Short press  or  button.
- Volume Up: Rotate ring knob clockwise.
- Volume Down: Rotate ring knob anticlockwise.

6. Voice Assistant

- A. Double press **⏻** button to enter voice assistant.
- B. Double press **⏻** button to exit from voice assistant.

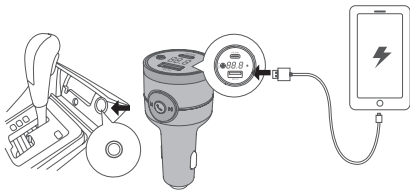
7. Charging Description

7.1 USB-A QC3.0 Quick Charge

- A. For smart devices that do not support quick charge, the default output is 5V/2.4A.
- B. For smart devices that support quick charge, the maximum charging voltage and current of USB QC3.0 are DC 5V/3A, 9V/2A, 12V/1.5A.

7.2 Type-C PD 20W Fast Charge

USB Type-C supports PD 20W fast charge. The maximum charging voltage and current are DC 5V/3A, 9V/2.22A, 12V/1.67A.

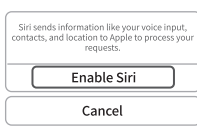
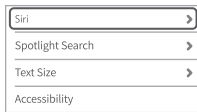
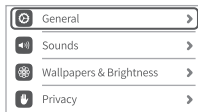


Friendly Tips:

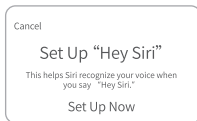
For Android devices, when you're going to use your voice to directly wake up the voice assistant, please turn up your phone's and BH501's volume to their maximum volume level first, and adjust the car speaker's volume according to your needs.

For iPhone, the instructions of "Hey Siri" function can refer to following:

- A. Turn on Siri settings on your phone.



- B. Complete the voice recognition according to Siri instructions.



- C. Use Siri function direct on your phone.

Hey Siri, What's the weather today?

Note: This function is not available for some phone brands. (Supported phone brands are iPhone, Samsung phones and original Android phones)

8. Note

- A. Do not turn up your radio's volume too loud in case of increasing its background noise.
- B. Although the transmitting power of our FM transmitter is strong, for ensuring the best sound effect, please try to avoid adjusting to the frequency of local radio station with strong signal.
- C. Do not use the product in too hot/cold, dusty or damp environment.
- D. Do not break or throw the product to prevent surface or unit damage.
- E. Do not disassemble the product personally. Please contact seller if you have any questions or problems.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

This equipment has been tested and found to comply with the limits for a

Class B digital device, pursuant to part 15 of the FCC Rules. These limits are

designed to provide reasonable protection against harmful interference in a

residential installation. This equipment generates uses and can radiate radio

frequency energy and, if not installed and used in accordance with the instructions,

may cause harmful interference to radio communications. However, there is no

guarantee that interference will not occur in a particular installation. If this

equipment does cause harmful interference to radio or television reception, which

can be determined by turning the equipment off and on, the user is encouraged to

try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.

-Connect the equipment into an outlet on a circuit different from that to which the

receiver is connected.