MPOW Wireless Receiver BH298A User Manual

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Wireless Receiver

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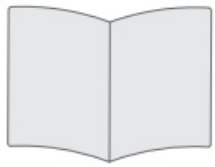
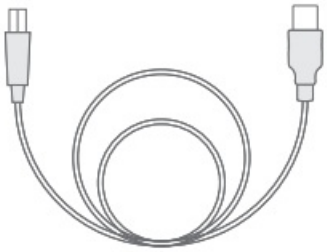
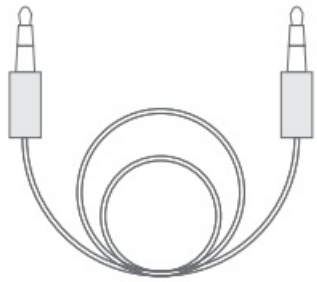
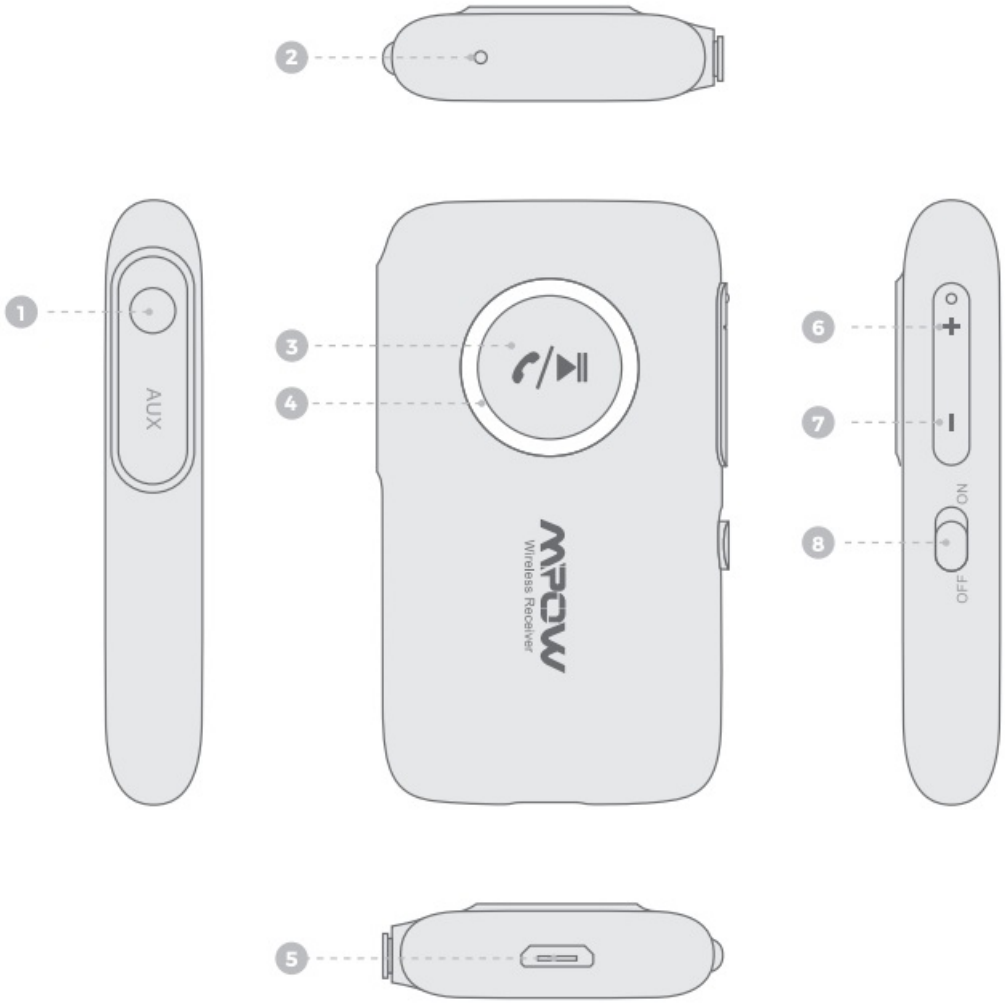








Diagram

1. AUX Output
2. Mic
3. Multifunction Button: Pause / Play; Answer / Hang up a call
4. Ring LED Indicator
5. USB Charging Port
6. Volume Up / Next Track
7. Volume Down / Previous Track
8. ON / OFF Switch

Specifications

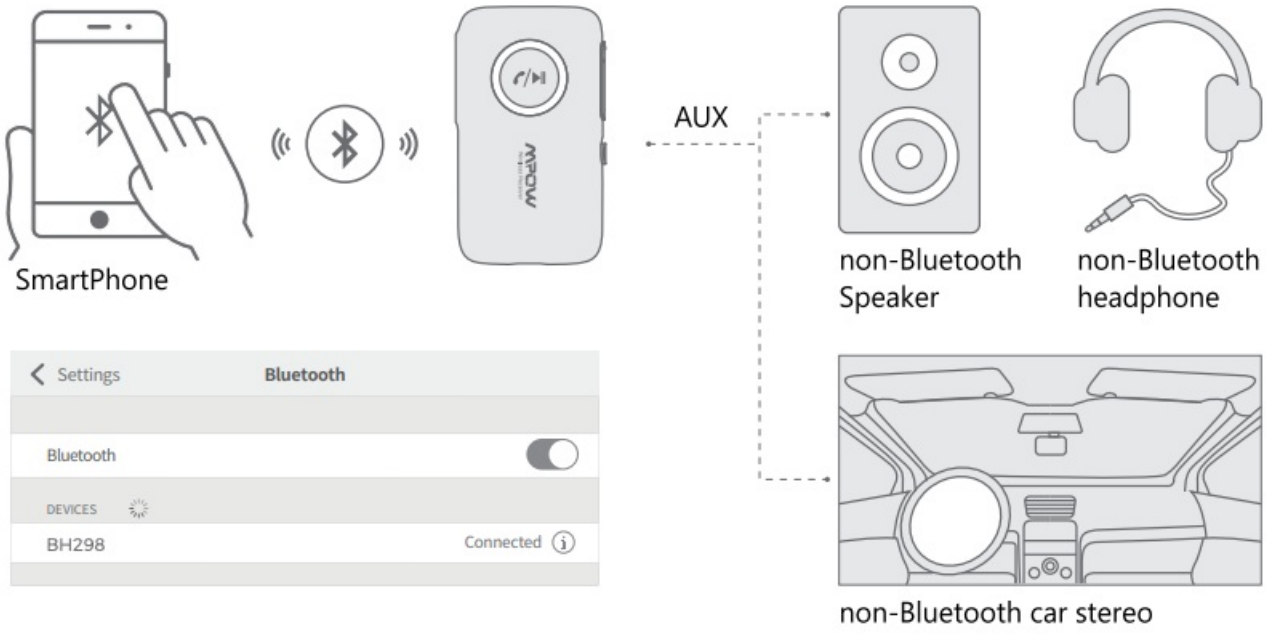
Product Name	BH298
Connection Technology	Bluetooth
Frequency Range	2.402 GHz~2.480GHz
Bluetooth Protocol	HFP/ HSP/ A2DP/ AVRCP
Usage Temperature	0-45°C / 32- 113 °F
Battery Capacity	Li-Po 170 mAh
Working Current	≈15 mA
Charge Voltage	DC 5.0 V

Power On / Power Off

Power On : Turn the ON-OFF switch to “ON”, and BH298 will power on with the indicator light flashing quickly.
Power Off : Turn the ON-OFF switch to “OFF” and BH298 will power off with the indicator light off.

Receiver Mode

Connect BH298 to a non-Bluetooth car stereo, speaker or headphone etc. via a 3.5 mm audio cable. Then, pair BH298 to a Bluetooth-enable smartphone etc. via Bluetooth. The music from your smartphone will be transmitted to a non-Bluetooth car stereo, speaker or headphone etc.



Pairing to One Smartphone

1. Connect BH298 to a non-Bluetooth car stereo, speaker or headphone etc. via a 3.5 mm audio cable.
2. Turn on BH298, it will enter pairing mode directly with the indicator light flashing quickly.
3. Enable Bluetooth on your smartphone, search the Bluetooth device “BH298” and click it to connect.
4. Enter the password “0000” if needed.
5. When BH298 completes pairing, the indicator light will stay on and go off after 5s to save power.

Pairing to Two Smartphones

1. After you've paired BH298 to the first smartphone, enable Bluetooth on the second smartphone. Search the Bluetooth device "BH298" and click it to connect.
2. After the pairing to the second smartphone is complete, the indicator light stays on and goes off after 5s to save power.
3. BH298 can connect to two smartphones simultaneously.

Bluetooth Hands-free Call

1. **Answer a Call** : Short press the button " "
2. **Hang up a Call** : During a call, short press the button " "
3. **Refuse a Call** : Long press the button " " for 2s
4. **Redial Last Call** : Double press the button " "
5. **Switch to a private Call** : During a call, long press the button " " for 2s
6. **Built-in microphone and CVC call enhancement technology** : ensure clear calls.
7. **Three-way Calling**

   When you are answering the first call, the second call is coming:

   - Double press the button " " to put the first call on hold and answer the second call.
   - Double press the button " " again, you can switch between calls.
   - Long press the button " " for 2s to refuse the second call.
   - Short press the button " " to hang up the first call and answer the second call.

Playing Music

Play / Pause : Short press the button " "

Next Track : Short press the button " "

Last Track : Short press the button " "

Volume Up : long press the button " "

Volume Down : long press the button " "

Voice Assistant

1. Long press the button " " for about 1s to enable the voice assistant function.
2. Long press the button " " for about 1s to disable the voice assistant function

Bluetooth Automatic Reconnection

When the distance is within the Bluetooth range again or BH298 powers on again, BH298 enters reconnection status with indicator light flashing quickly. BH298 will reconnect to the last connected smartphone with Bluetooth enabled. If the reconnection fails in 30 s, BH298 will enter pairing mode automatically. During the reconnection status, you can start to pair via your smartphone by manual.

Clear Bluetooth Pairing List

In power-on state, long press the " + " and " − " buttons simultaneously for 8 seconds until the red indicator light stays on for 2s. Then, BH298 will clear the pairing list paired before and enter pairing mode (The pairing list can't be cleared in power-off state).

Note
Please clear pairing information of BH298 on your smartphone simultaneously to reconnect quickly.

Disconnect the Current Connection

Long press the " ⏯ " button for 3 seconds to disconnect the current devices. Then, BH298 enters pairing mode with the indicator flashing quickly.

Low Power Prompt

When BH298's battery is below 3.2v, it will automatically power off with red indicator flashing 5 times.

Charging

When BH298 is in low power or can't power on, you can charge it via a DC 5 V USB charging cable. The red indicator light stays on during the charging process and goes off when the charging is complete. BH298 can keep working during charging.

Voltage Protection Function

BH298 is only allowed to charge with 5V. When using a non-standard charger, BH298 is automatically protected with the indicator light OFF. When the charger is correct, BH298 will automatically resume charging with the red indicator light steady on.

Automatic Power-saving Function

1. After BH298 is connected successfully, the indicator light will go off after 5 s to save power; Short press any button to activate indicator light.
2. If BH298 is in power-on state without Bluetooth device connected for 10 minutes, it will power off automatically with the indicator light going off.

NOTE : For the next use, you should turn the ON / OFF switch to "OFF" before turning it on.

Considerations

1. If BH298 cannot be paired with Bluetooth devices, please reboot BH298 and try pairing again.
2. To complete the Bluetooth pairing, it's recommended to use BH298 in the place where there are few obstructions or other Bluetooth devices working.
3. If the pairing fails:
   A: Please clear the pairing list on BH298 and smartphones etc. and try pairing again.
   B: Meanwhile, please check whether BH298 is in Bluetooth pairing mode.

C: Also, you'd better turn off other Bluetooth devices nearby.

Warning

The product contains battery. During the operation, please pay attention to the following information:

1. Acceptable operating temperature range: 0-45°C / 32- 113 °F
2. Please avoid using or charging it in high temperature, low temperature or static environment (such as cars exposed to direct sunshine in hot weather, fire, surface with high temperature or extreme cold environment). Otherwise, it may influence the performance or lifespan of the battery.
3. Charge it via a STANDARD 5 V charger.

Correct disposal of this product

(Waste Electrical & Electronic Equipment)

This marking shown on the product or its literature, indicates that it should not be disposed with other household wastes at the end of its working life.

To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources.

Household user should contact either the retailer where they purchased this product or their local government office for details of where and how they can take this item for environmentally safe recycling. Business users should contact their supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial wastes for disposal.

FCC Statement

Operation is subject to the following three 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.
3. This device has been evaluated to meet general F exposure requirement. The device can be used in portable exposure condition without restriction.

Note:

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.
- Consult the dealer or an experienced radio / TV technician for help.

Documents / Resources

	MPOW Wireless Receiver BH298A [pdf] User Manual Wireless, Receiver, BH298A, MPOW