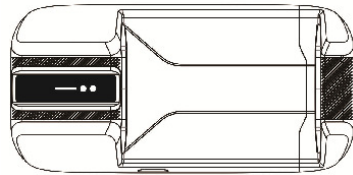
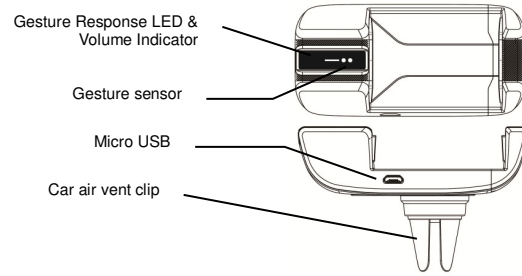


Wave11 User Manual

Hand Gesture Controller
Version 1.0



Introducing HPB WAVE11



Product Specifications

- Detect distance: 7~13 cm (from cover glass)
- Detect angle: 42 degrees (vertical & horizontal, from sensor center)
- BLE connection distance: Max. 5m
- Power Input: DC5V \approx 0.5A; one combo power cable with two micro USB connector; together with an Apple Lightening adaptor and a USB Type C adaptor
- Power & Status indicator
- HGR detect activation: Blue LED flashing 3 times; Power on: Blue LED ON
- Cradle size: 95/46.7/29 mm (L/W/D) (without clip)
- Frequency : 2.4GHz Power : 2.5W

Package Contents

- HPBWAVE11
- Combo micro USB cable
- Type C adaptor
- Lighting adaptor
- User Manual

Attention

This device is designed to work with your Smart phone and Bluetooth car stereo or Bluetooth speakers. Please check the connection before use.

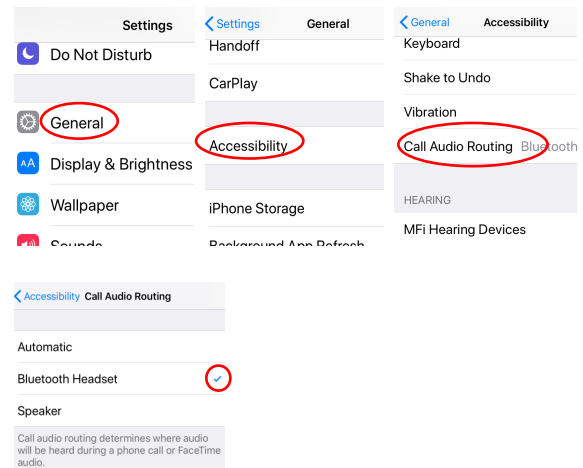
Bluetooth Pairing

Get your Wave11 device ready:

Plug in micro USB cable on Wave11 and your mobile phone. You may see blue LED on and blinking. It will keep blinking until Wave11 is paired or connected.

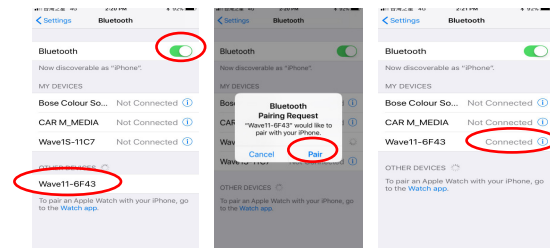
For iOS

To set up your phone, go to Settings>General>Accessibility>Call Audio Routing, select "Bluetooth Headset".



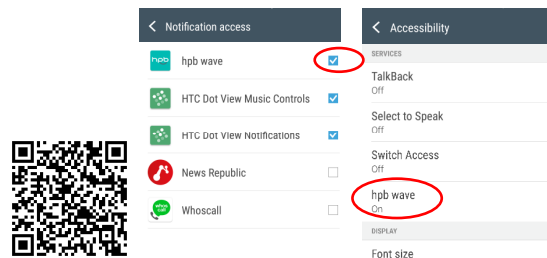
Device Pairing:

1. Go to Settings of your iPhone and turn on Bluetooth. iOS system will scan devices automatically. At "Other devices" you may find several Bluetooth devices, select "Wave11-xxxx".
2. System will pop out a pair request dialog box and choose "Pair". Wave11 will be paired and connected. Blue LED will be on.
3. Please double check the Bluetooth, "Wave11-xxxx" is connected in your "My Devices" list.



For Android

1. Scan the QR code below or go to your "Play Store" for "HPB Wave" APP installation.
2. Upon completion, click "Yes" to turn on Bluetooth.
3. In the "Settings>Sound & Notification>Notification access", select "hpb wave".
4. In the "Settings>Accessibility", turn hpb wave to "ON".



Hereby, HPB HI-TECH CORP. declares that the radio equipment type [Wave 11 designation of type of RE] is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: 10F., No.308 Sec. 1, Neihu Rd, Taipei, Taiwan, R.O.C.

一般設備(低功率電波輻射性電機管理辦法第12、14條)
 --- 經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。
 --- 低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。
 前項合法通信，指依電信法規定作業之無線電通信。低功率射頻電機需忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

To describe class B in instruction manuals.

この装置は、クラスB機器です。この装置は、住宅環境で使用することを目的としていますが、この装置がラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こすことがあります。
 取扱説明書に従って正しい取り扱いをして下さい。 VCCI-B

Federal Communication Commission Interference Statement

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.

FCC Caution:

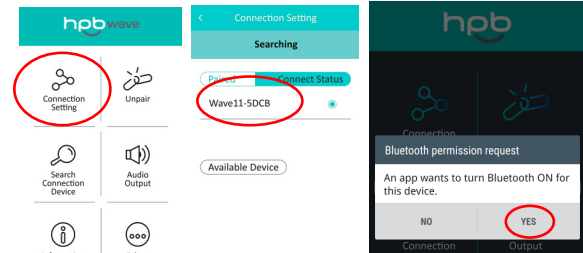
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Device Pairing:

Start hpb wave APP. Click on "Connection Setting" to search for available device "Wave11-xxxx" and select it.

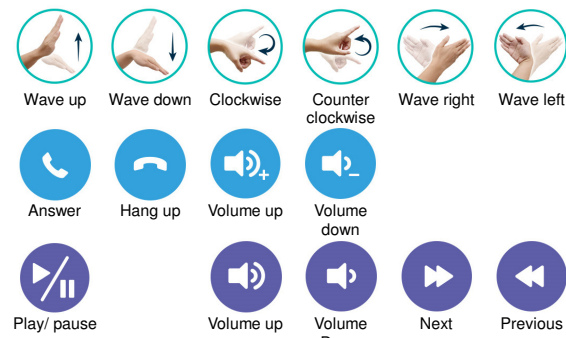


More functions on hpb wave App:

- Unpair: To remove the device, click "unpair".
- Search Connection: Click to search available device nearby. If yes, you will see "Wave1S-xxxx is connected!".
- Audio Output: There are options for your choice. "Mobile Phone": audio out from your mobile phone "Mobile Speakerphone (voice only)": audio out from your mobile phone speaker "Other Devices": it will go to phone system to allow you connect your target BT devices.

Gesture Profiles

Use your fingers to operate the WAVE11:



Warranty Card

This Limited Warranty is certified that HPB HITECH CO. LTD. is guaranteed for free repairs up to 12 months from the date of purchase against assembly / manufacturing faults.

This warranty does not cover defects resulting from improper or unreasonable use or maintenance; failure to follow operating instructions; accident; excess moisture; insects; lightning; power surges; connections to improper voltage supply; unauthorized alteration or modification of original condition; damages caused by inadequate packing or shipping procedures; loss of, damage to or corruption of stored data; product that requires modification or adaptation to enable it to operate in any country other than the country for which it was designed, manufactured, approved and/or authorized, or repair of products damaged by these modifications; and products purchased from unauthorized dealers.

This warranty period is effective from 30 days after manufacture month if the warranty card is illegible, removed, altered or damaged.

HPB or HPB authorized distributor will provide quotation to consumer first for any service demand exceed warranty period. Service demand will conduct after received consumer agreement.

Seal:	Date of Purchase:
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Maintenance & Service

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 Tel: 886-2-26581566 Fax: 886-2-26581567 Email: sales@hpbhitech.com