H-Band
User Manual

NOTE:
This device complies with Part 15 of the FCC rules.

Operation is subject to 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 of this device.

The changes or modifications not expressly approved by the party responsible for Compliance could void the user's authority to operate the equipment."

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:

H-Band is a Bluetooth audio device built into the strap for Apple Watch or Pebble Time watch or any other wrist watch with 22mm strap with spring-bar. It provides private calling feature to the user using *Hands On Talk* technology. The main fob can be detached from the frame and can be used as a headset.

The H-Band is basically a watch strap with integrated buckle. This buckle also provides docking for the Bluetooth audio fob.
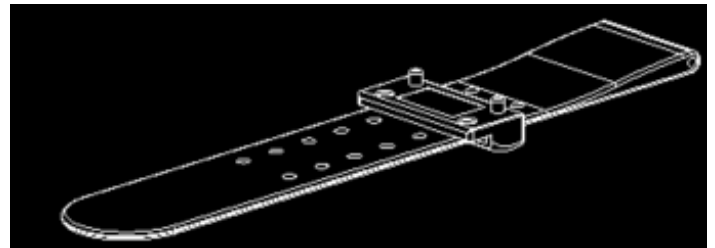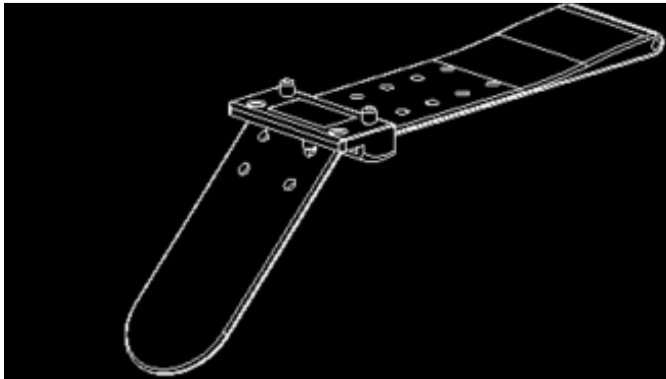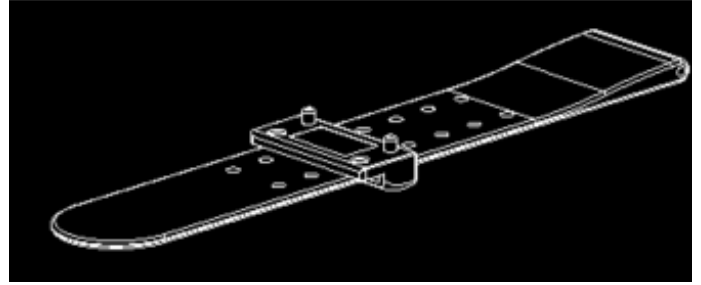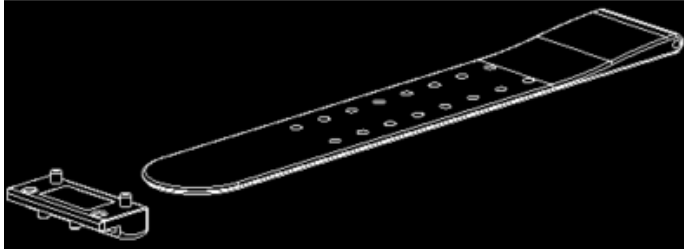

The audio fob flips out of the buckle to provide Hands On Talk private calling feature

Strap adjustment and usage

The 12H strap (the one attached to 12H of the watch) comes with an attached fob docking buckle. The 6H (the 6hour side of the watch) comes with adjustable mating part that can be adjusted to lengths on the strap. User has to adjust the mating part to the right hole on the strap to adjust his/her wrist size. Once adjusted, the main buckle snaps to the adjustable mating part with one click around the user's wrist.
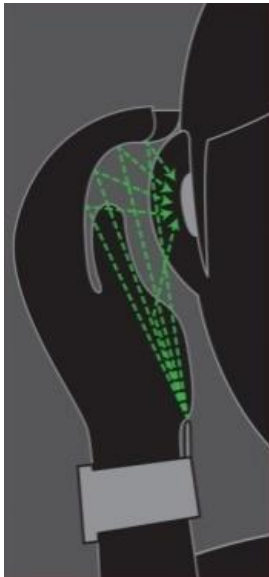
The strap comes in two sizes: Small/Large (wrist size 145/5.7" to 180mm/7.1") and Large/xLarge (170mm/6.6" to 210mm/8.2").

Strap length adjustment

Hands on Talk for Private call with users Palm

The hands on talk technology uses audio fired into the bottom cupped Palm. When this cupped palm is held against user's ear, it provides total private call experience to the user. The audio would be comparable to user holding the phone to ear. Below tips help achieve the best audio quality to the user

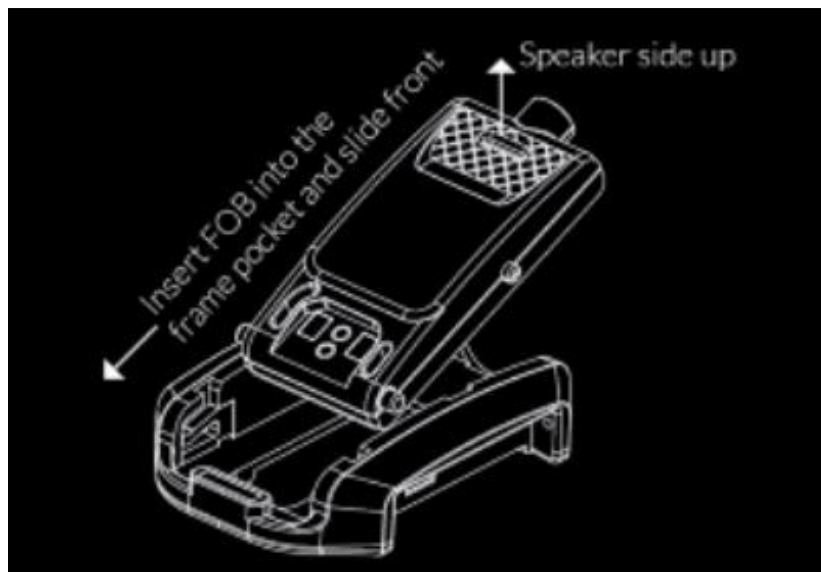Audio firing at the bottom of the Palm

- Wear the watch so that when audio device is flipped out, the speaker hole is at the bottom of the palm (near center depression of the palm base)
- Cup the hand against the ear and cheek with slight opening at the bottom of the palm.

Headset Mode Private call

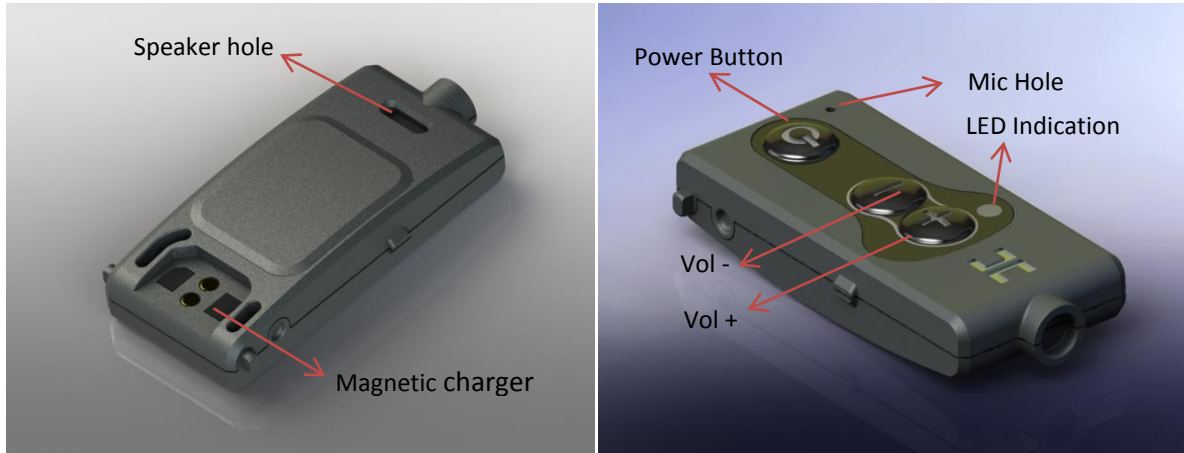The Bluetooth audio device can also be pulled out of the strap buckle, to be used as an independent Bluetooth headset. The device comes with insert that can be snapped into the audio device. This ear inserts help hold the device in the user's ear.

The device can be docked back into the buckle any time after usage. The device snaps back in vertical direction. It is rotated 90degrees to snap in its rest position.

Using the Audio Device

LED Indications

Off	Powered Off
Green flash upon Power Press	Normal mode- connected to phone.
Blue flash upon Power press	Connectable state – will connect when phone is nearby
Blue fast Flashing	Device is in Discoverable state. Phone can connect to device
Blue on	Charger connected
Green On	Charge complete (when charger is connected)
Green Fast Flashing	Incoming Call
Green slow flashing	Call connected
Green very slow flashing	Call is on the phone
Blue slow flashing	Call is connected on the phone. Pressing Power button will pull the call to dongle audio
Red Flashing	Battery Low
Blue and Red flash	Factory reset with device in discoverable mode

First Time Pairing:

- Please charge before first use. Use the provided USB magnetic charger cable for charging. The device should be fully charged in one hour.
- The device should start up in Discoverable mode (Blue LED flashing)
- If Blue LED is not flashing, press power button to make it discoverable
- Go to Phone Bluetooth menu and connect to available H-BandXXXX device
- The LED should flash Green for few seconds and switch off. The Device is now connected to the phone

Incoming Call

During incoming call Green LED will flash fast

- To Answer Call

- o If device is docked to buckle, flip open the device 180 degrees
- o If device is outside buckle, short press Power button
- o The LED should change to Green on for few seconds, indicating call is connected.
- To Reject Call
    - o Long press function button
    - o The LED should change to fast Red flash for few seconds and switch off

During Call

During call progress Green LED will flash slow (very slow flash if call is on phone)

- Volume + or - to increase and decrease volume
- End Call
    - o Press Power button long press
    - o If device is docked to buckle, Flip the dongle back on its park position
    - o The LED should change to fast Red flash for few seconds and switch off
- To switch call from device to phone
    - o Press function button short press during call progress.
- To switch call from phone to device (LED is slow blinking when call is on phone)
    - o Press Power button short press when call is in phone

Note: If you are using H-band companion "Bluetooth Audio Manager" app on Android phone and the call is pulled to phone by the app, you need to press the Power button short press twice to get the call on HBand.

Miscellaneous functions
- To redial previous number: Double press Power button
- For Voice Response (VR) from phone: Long press Power button. This will also invoke smart functionality on the phone if you are using "Bluetooth Audio Manager" app on Android phone
- Power Off device: Press and hold Power button for more than 5 seconds (until red LED comes on)
- Factory Reset: Hold Vol- for more than 8 seconds (until red and blue led is on)

Reconnect to your phone
- Press Power button long press
- The device will connect to previously connected phone
- If it does not connect, go to Phone Bluetooth menu and connect the device from phone.

Pairing to New Phone
- Hold Vol- button for more than 5 seconds (until red and blue led start blinking). This will factory reset the device
- Blue LED will start flashing indicating the device is in Discoverable mode
- Go to Phone Bluetooth menu and connect to available HBandXXXX device
- The LED should flash Green for few seconds and switch off. The Device is now connected to phone

Music Control

The music has to be started on phone first for the band to be in music mode. In music mode Vol + - buttons will forward or reverse the song played on phone. The power button will pull you out of the music mode.

Volume Control

The call volume is factory set to default volume optimal for hands on call. During call the volume can be changed with Vol + or - buttons. The next call will start with this adjusted volume. The ear insert mode volume should be slightly lower than hands on volume. User can change this with volume buttons. The volume also can be controlled from the phone volume buttons.

Battery Level Indication

The battery level is indicated with LED states shown below anytime the Vol+ button is pressed (when there is no call)

Red will flash 5 times	Greater than 75%
Red will flash 4 times	50-75%
Red will flash 3 times	25-50%
Red will flash 2 times each minute	Less than 25%

Specs

Bluetooth:	2.1
Output Power:	Class 2
Radio Frequency:	2.4GHz to 2.48GHz
Bluetooth Range:	10M – 33 Ft
Call Modes:	Hands on Talk mode and Headset Mode
Audio:	Echo Cancellation, Auto Volume Gain for wind and external noise
Supported Classic Profiles:	HFP, A2DP and AVRCP
Charging Time:	1 Hour
Normal Usage:	1-2 days without charge (2 hour talk time)
Charging Input:	5V 200mA
Features:	Phone Call, Voice Response
Battery Type:	Lithium Ion Polymer 40mAh
Working Temperature:	0-45 C