SoundPort II User's Manual

1. Hardware

1) **Bluetooth Core : BC3_Audio FLASH**
2) **Memory: Int. 6MB FLASH**
3) **Ant.: Ceramic chip Antenna**
4) **Mic: SDM (Special Directional MIC),Long flexible Type, Sensitivity : -44dB,**
5) **Switch (3 Button, 1 Slide) : MFB (Multi Function Button) Tact SW**
   Volume +, Volume – Tact SW
   MIC Gain (High or Low) – Slide SW
6) **Regulator: Integrated Switch-mode Regulator (output : 1.8V)**
   Integrated Linear Regulator (output: 1.8V)
7) **Charger: Integrated Battery Charger**
   (nominal charge current = 90mA, DC 4.5V~6.5V Input Range)
8) **Battery: Size : 4.6(T) X 12(W) X 21(L) (75mAh)**
9) **Mini USB Port: DC_IN(5V)**

FCC NOTICE

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.

Caution: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this device

Hereby,[JOIN TECHNOLOGY], declares that this [Bluetooth Headset[SOUNDPORT-FLEX]] is in compliance iwth the essential requirements and other relevant provisions of Directive 1999/5/EC.

FCC ID : VI5SOUNDPORTFLEX

2. Bluetooth Profile & Stack

1) Bluetooth Stack V 1.2

2) Hands-Free Profile V 1.0

3) Headset Profile V 1.1

3. Specification

1) Bluetooth
   Sensitivity: -84dBm Max0.1% BER
   Output Power: Typically 2dBm (Class2)

2) Power Consumption
   Standby: 1mA
   Active Call: About 13mA

4. Features

1) Talk Time : Up to 5 Hours

2) Standby Time : 75 Hours

3) Charging Time : About 1 Hours

4) Range : 10 meters

5) Battery Type : Lithium-polymer

6) Version : Bluetooth v2.0

5. Operating Process

1) Power On/Off

   - Power ON
   Press Talk button for 2 seconds, Blue LED will blink 3 times when it's Power Off.

   - Power OFF
   Press Talk button for 6 seconds. Red LED will blink 4 times indicate Power Off.

2) Reset Device List

In order to set primary AG (Audio Gateway), you should delete address memorized in the SoundPort II.

Press Talk button and Vol(-) button at the same time for 2 seconds and more, then Red and Blue LED will blink 2 times.

3) Multi-Point Pairing

Sound Port II has an ability to pair with 2 Audio Gateway(AG) or the BT Cell phone at the same time.

When you have another incoming call while you are on the phone, you will hear an incoming call signal through the headset.

Then the call you've had will be disconnected and the new caller will be connected.

It's possible to have Two Profile (HFP/HSP) connection simultaneously. (Multi-Point Connect function)

To initiate the device pairing, it's required to reset the other AG pairing information memorized on the headset.

Please refers to 2) Reset Device List for the reset method.
Pairing without delete paired device, it always registered as secondary AG.

To pairing primary AG, press "Talk Button" for 7 seconds when it's Power Off, it goes pairing mode.

Red LED and Blue LED will blink alternately.

Connect primary AG supporting Bluetooth Profile (HFP/HSP) and choose Soundport II from Bluetooth list of AG and press a connection button, then the connection with two devices is completed.
You can set secondary AG also above way.

<Available Multi-Point Pairing setting up with Sound Port II>

BT Phone(AG) A	BT Phone(AG) B	SoundPort II
HFP	HSP	OK
HSP	HFP	OK
HFP	HFP	OK
HSP	HSP	OK

4) Sending and receiving a call

In order to make a call, press the "Talk Button" on the headset, then the call will connect at the primary device.

If you push the talk button shortly, the last number will be redialed and if you press the "Talk Button" for 2 seconds and more, the voice dial will be operated.

(Voice dial function will be supported depends on the kinds of Mobile phones)

To receive a call, push the "Talk Button" shortly and if you want to reject the call, press the "Talk Button" for 2 seconds and more.

If you have another call while you are having a call on the primary AG, you will hear the melody from the secondary AG.

If you push the "Talk Button" shortly, the connection at the primary AG will be discontinued and the push the "Talk Button" shortly again, the call from secondary AG will be connected.

After complete the call, press the "Talk Button", then you can make another call from primary AG again.

5) Charging

- Connect the power cable to Mini USB port.

- Red LED will be turned on during charging, it will be turned off after full charge.

6) Button Operation

- **VOL (+/-) Button**

  1) Press the Vol (+) button shortly, volume lever will increase by one step.

     Press the Vol (+) button longer, volume level will increase continuously.

  2) Press the Vol (-) button shortly, volume level will decrease by one step.

     Press the Vol (-) button longer, volume level will decrease continuously.

- **Talk Button**

    1) **Press Talk button for 2 seconds when it's Power Off, it will be turned on.**

    2) **Press Talk button for 6 seconds when it's Power On, it will be turned off.**

    3) **Press the Talk button shortly to receive a call.**

    4) **Press the Talk button for 2 seconds and more to reject a call.**

    5) **It will be disconnected when you push the Talk button shortly during the phone.**

    6) **If you press the talk button for 2 seconds and more while you are on the phone, phone mode will work on the Mobile phone from Headset.**

- **MIC Gain Select Switch**

    1) **Switch up: High Gain**

    2) **Switch down: Low Gain**

6. SoundPort II LED Status

LED COLOR	RED (1)					BLUE (2)				
Status ⟍ Event	ON (ms)	OFF (ms)	Repeat (ms)	Flash Num.	Repeat Num.	ON (ms)	OFF (ms)	Repeat (ms)	Flash Num.	Repeat Num.
Power On	.	.	.	.	.	100	100	0	4	0
Connectable	.	.	.	.	.	100	100	4000	1	0
Connectable/Discoverable	.	.	.	.	.	.	.	.	.	.
Connected	.	.	.	.	.	100	100	3000	3	0
Active Call	.	.	.	.	.	100	100	3000	4	0
Power Off	100	100	0	4	0	.	.	.	.	.
Low Battery	100	100	5000	1	0	.	.	.	.	.
Reset Device List	.	.	.	.	.	.	.	.	.	.
Pairing Successful	.	.	.	.	.	.	.	.	.	.

LED COLOR	ALT (3)					BOTH (4)				
Status ⟍ Event	ON (ms)	OFF (ms)	Repeat (ms)	Flash Num.	Repeat Num.	ON (ms)	OFF (ms)	Repeat (ms)	Flash Num.	Repeat Num.
Power On	.	.	.	.	.	.	.	.	.	.
Connectable	.	.	.	.	.	.	.	.	.	.
Connectable/Discoverable	100	100	100	2	0	.	.	.	.	.
Connected	.	.	.	.	.	.	.	.	.	.
Active Call	.	.	.	.	.	.	.	.	.	.
Power Off	.	.	.	.	.	.	.	.	.	.
Low Battery	.	.	.	.	.	.	.	.	.	.
Reset Device List	.	.	.	.	.	100	100	0	2	0
Pairing Successful	.	.	.	.	.	100	100	0	3	0