

# BonSayOn<sup>®</sup>

## W201 User Manual



Innovate Comfort and Fashion   Enlighten Health and Fun   Innovate Comfort and Fashion   Enlighten Health and Fun



Model: BonSayOn W201

FCC ID : X5HW201

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.

#### **Bone-Conduction Bluetooth Sunglasses**

BonSayOn W201

FCC ID : X5HW201

Model Name : W201

Brand Name : BonSayOn



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.

# Bonsayon Product Manual

<b>Preface</b>	<b>1</b>
<b>Introduction</b>	<b>1</b>
<b>Caution</b>	<b>1</b>
<b>Description</b>	<b>2</b>
<b>Specification</b>	<b>3</b>
<b>Goggles wearing instruction</b>	<b>4</b>
<b>Button function illustration</b>	<b>5</b>
<b>Instruction of button operation</b>	<b>6</b>
<b>How to use</b>	<b>7</b>
<b>Table of Operation Function</b>	<b>8</b>
<b>Battery charging instruction</b>	<b>9</b>
<b>Q&amp;A</b>	<b>10</b>
<b>Product Service</b>	<b>12</b>
<b>Electromagnetic safety</b>	<b>12</b>
<b>Product Warranty</b>	<b>13</b>

## Preface

BonSayOn is proudly produced with high technology and fashion merged together. Please read the details of the manual in order to use it correctly and comfortably.

## Introduction

Completely different from the conventional microphone which picks up sound or voice through air, BonSayOn utilizes a newly developed nasal bone conduction microphone by picking up the sound through bone or solid material, instead of air.

The speaker's voice, which is received through vibrations of the nasal bone, is clear; eliminating the greatest amount of background noise. This is the most outstanding feature of our product. The clear conversation through the BonSayOn never fails in any noisy environment. Please enjoy BonSayOn; noiseless communication in style.

## Caution

1. This product is humidity-proof, but not water-proof or dust-proof. Do not use it in water or dust environment to avoid the damage as well as shortening the lifetime of the product.
2. Temperature range : -10°C~50°C
3. For the sake of product surface and accessories intact, please avoid rubbing the product with hard objects.

4. Please only use qualified accessories which have been authenticated by the NeoVictory Company. This will ensure smooth and normal operation of this product.
5. All accessories have been officially certified. In order to guarantee the product functioning normally, please do not use the accessories not officially certified.
6. When using the earphone, you can not access outside sound very well. Do not use the earphone where it may endanger your safety.

## **Description**

### **Goggle**

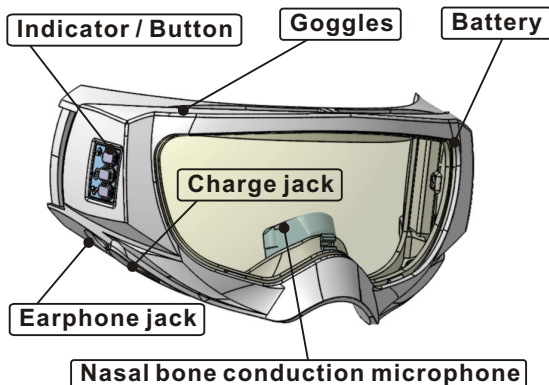
- ⊙ UV 400 Protection
- ⊙ Anti-Scratch
- ⊙ Anti-Fog
- ⊙ Fits safety standards for lens (CNS15067)

### **Bluetooth**

- ⊙ V 2.1, Standby : about 100 hours,  
Talking : about 12 hours, Music: about 10 hours.
- ⊙ Connect to mobile phone and computer for music, MSN, Skype.
- ⊙ Support A2DP for superior quality music play.
- ⊙ Communication range : 10 meters (Barrier-free)

### **Nasal bone conduction microphone**

- ⊙ Flexible nose pad design for high-quality communication.
- ⊙ Special background noise rejection for clear conversation anywhere.

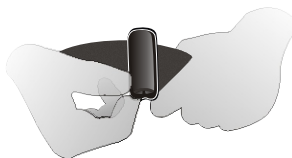


## Specification

<b>Microphone type</b>	NeoV Nasal bone conduction microphone Version 2.0	
<b>Bluetooth version</b>	Bluetooth V2.1	
<b>Bluetooth profile</b>	<b>HSP</b> <b>A2DP</b>	<b>HFP</b> <b>AVRCP</b>
<b>Transmission range</b>	2.402GHz~2.480GHz, Max:10M (Barrier-free)	
<b>Earphone</b>	32Ω X 2, Output:10mW(max)	
<b>Battery</b>	Li-polymer Battery (340mA/3.7V) Charge time about 4 hours.	

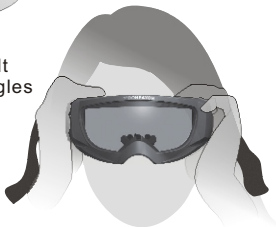
<b>Music play time</b>	about 10 hours
<b>Talk time</b>	about 12 hours
<b>Idle</b>	about 100 hours
<b>Size</b>	190mmX102mmX90mm
<b>Weight</b>	200g
<b>Operation condition</b>	-10°C~50°C · humidity 0~90%
<b>Battery charger standard</b>	Input: AC 110/220V 50/60Hz Output: DC 5V MAX 0.6A
<b>Standard accessories</b>	Manual, Earphone, Battery charger, Cleaning cloth.

## Goggles wearing instruction



1. Adjust the elastic belt to the length fit to your head.

2. Hold both sides of the belt by both hands, push goggles against the face in the proper position.

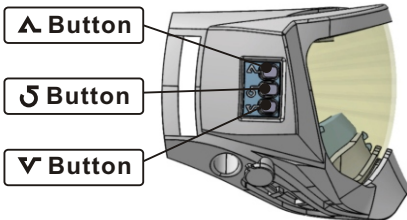




3. Pull back the belt tenderly with face against the goggle tightly, then click the buckle to fasten the belt on the head firmly but comfortably.
4. Readjust the belt if feeling discomfort due to loose or hard tension.

- ⦿ Do not hit bone conduction microphone hard by intension while putting on the goggle to avoid malfunction.
- ⦿ Take off the goggle before adjusting the angle of the microphone.

## Button function illustration



- ▲ Button** : Volume increase or Last track
- ⌂ Button** : LED Light, Power on/off,  
Phone Answer/Hang off,  
Music play/stop
- ▼ Button** : Volume decrease or Next track



## Instruction of button operation

**Short press:**press button < 1 second

**Long press:**press button > 2 seconds ,  
depends on functions.

## Pairing

- ⊙ Turn on the Bluetooth communication of the device (mobile phone or computer) connected to BonSayOn.
- ⊙ Press **5** button until the blue and red LED flashes quickly to turn BonSayOn into pairing mode.(no pairing for flashing slowly)
- ⊙ Search BonSayOn by using the Bluetooth of the device (mobile phone or computer). The identification code or password is "0000" .
- ⊙ Turn off BonSayOn first after communication ends, then turn off the device connected to BonSayOn.
- ⊙ Do not need to pair again for a paired device, just turn it on.(Blue LED flashes slowly)
- ⊙ Press **5** button to listen music when the product have been paired.(Depends on the cell phone)
- ⊙ Press **5** button for 5 seconds to turn off the product.

## Dual Pairing

BonSayOn supports dual pairing. It can be connected with two cell phones at the same time and answer a call in turn.

( Depends on the cell phone)

## How to use

### Talk mode:

- ⦿ Answer/End a call by pressing **5** button once.
- ⦿ Turn up the volume by pressing **▲** button once. Keep pressing **▲** button for higher volume.
- ⦿ Turn down the volume by pressing **▼** button once. Keep pressing **▼** button for lower volume.
- ⦿ Switch a call between the goggle and a mobilephone by pressing **5** button for 2 seconds.

### Music mode:

- ⦿ Turn up the music volume by pressing **▲** button once. Keep pressing **▲** button for higher volume.
- ⦿ Turn down the music volume by pressing **▼** button once. Keep pressing **▼** button for lower volume.
- ⦿ Last trace: Press **▲** button twice
- ⦿ Next trace: Press **▼** button twice.
- ⦿ Stop/Play: Press the button once.
- ⦿ Answer/End a call while listening to music by pressing **5** button once.

### Standby mode:

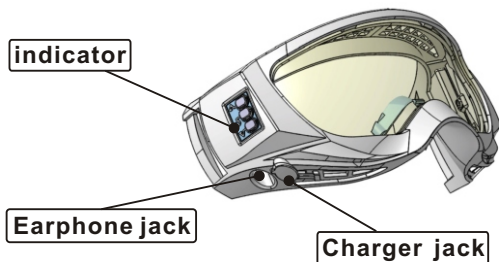
(connected with a cell phone)

- ⦿ Reject a call : Press **▲** button for two seconds.
- ⦿ Redial : Press **▲** button for two seconds.
- ⦿ Voice dialing : Press **▼** button twice.  
Note: Check if the cell phone has the voice dialing function. Record the voice pattern through the sunglasses before using this function.
- ⦿ Battery power level : Press **▲** button twice.  
(Two seconds later: appears beep tone. Three beep tones mean high level, two beep tones mean medium level, one beep tone means low level.)

## Table of Operation Function

Status	Function	Operaton
OFF	Turn on	Press <b>5</b> botton for 3 seconds
	Turn on and search device	Press <b>5</b> botton for 5 seconds
Standby	Reject a call	Press <b>5</b> botton for 2 seconds
	Redial	Press <b>5</b> botton for 2 seconds
	Battery power display	Press <b>▲</b> botton twice
	Voice dailing	Press <b>▼</b> botton twice
Talk	Answer/End a call	Press <b>5</b> botton once
	Volume increase	Press <b>▲</b> botton once
	Volume decrease	Press <b>▼</b> botton once
	Switch a call	Press <b>5</b> botton for 2 seconds
Music	Volume increase	Press <b>▲</b> botton once
	Volume decrease	Press <b>▼</b> botton once
	Last Trace	Press <b>▲</b> botton twice
	Next Trace	Press <b>▼</b> botton twice
	Pause/Resume/Answer a call	Press <b>5</b> botton once
ON	Turn off	Press <b>5</b> botton for 5 seconds

## Battery charging instruction



- ⦿ Charge as soon as possible when the warning sound appears on phone call or while playing music. The warning sound indicates power shortage.
- ⦿ Use the certified battery charger provided by NeoVictory Company.
- ⦿ Red light is on during charging battery.
- ⦿ Battery breakdown or lifetime ends : Red light flashes. Return it to the authorized maintenance company within warranty period, otherwise buy a new battery.
- ⦿ Full charge : The red light is off and pull out the charger.
- ⦿ Advice : Do not use the product during charging.

## Q & A

**Q : Why is Bonsayon product unable to link Bluetooth?**

A : First, make sure the Bluetooth existing in the device (mobile phone or computer) linked to Bonsayon product, and activate its Bluetooth to search Bonsayon W201. The search time is not definite, so please be patient to wait until Bonsayon product is shown on the screen of the device. Finally, key in identification code "0000" to start using Bonsayon product.

**Q : Why is the Bluetooth unable to switch on or disconnect soon after online?**

A : It would be power shortage, please charge immediately so as to maintain battery quality. A new battery must be charged first until the red light goes out. If the problem is still unsolved, please contact with authorized maintenance service station.

**Q: Why is Bluetooth auto-disconnected or unable to use after linking successfully?**

A: Check the Bluetooth "on line list" in the device (Please read your Bluetooth operation instructions.) linked to Bonsayon product. Delete most of the names on the online list except Bonsayon's to avoid linking other products.

**Q: Why cannot Bonsayon goggles connect to the device with Bluetooth protocols?**

A: Bonsayon goggles is equipped with Bluetooth chip made by the world first brand CSR company. It can connect to most of the Bluetooth devices but not all the Bluetooth devices due to the variety of Bluetooth protocols made by different companies.

**Q: Why cannot play the music again by using the buttons on Bonsayon after picking up a call or pause the music playing?**

A: The cell phone manufacturers usually implement somewhat different button operation software, resulting in partial operation malfunction. Please touch the play button on your cell phone to continue playing the music on Bonsayon.

## Product Service

All products made by Neovictory Company are warranted for one year (count from the purchase date) against malfunction induced by the defects of parts and manufacture under normal use. This service is not applied to goods which have been subject to accidents, negligence, improper installation or misuse. NeoVictory Company responsibility under this service is limited only to the replacement of parts and no other cost. Should a malfunction occur which is covered by this service, please contact with NeoVictory Company authorized maintenance service station.

## Electromagnetic safety

By using EMF Tester to measure the electromagnetic field (EMF) of the general cell phones in comparison to Bonsayon's, Bonsayon's EMF magnitude is about 0.2 mG (standby) or 0.7-0.8 mG (dialogue), which is far below the general cell phones', about 10 mG (standby) or 15 mG (dialogue). The restricted human EMF exposure is about 2 mG for the medical requirement, and some European countries even set the restricted EMF level at 0.7 mG. In conclusion, the electromagnetic safety of Bonsayon is far much higher than cell phones'.

## Product Warranty

(Please keep this warranty for free maintenance in one year after purchase.)

Name : _____	Phone : _____
Product Name : _____	Mobile phone : _____
Serial Number : _____	Purchase Date : _____
Address : _____	e-mail : _____ @ _____

### Exclusivity:

1. Disassembling, hitting, and soaking in water, or abnormal use.
2. Physical or electronic disturbance, the misuse of power source, unstable power source, very close to magnetic material or other artificial factors.
3. The breakage of serial number, date code, product tag, warranty lost, etc.
4. Irresistible external factors : Earthquake, seaquake, war, etc.
5. The damage or burning of the product would be made by using the charger not certified by NeoVictory Company.
6. Without NeoVictory stamp or the incorrect purchase date, warranty is invalid automatically.
7. The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
8. To comply with the FCC RF exposure compliance requirements, no change to the antenna or the device is permitted. Any change to the antenna or the device could result in the device exceeding the RF exposure requirements and void user's authority to operate the device.

新 興 盛 科 技 股 份 有 限 公 司  
 NEOVICTORY TECHNOLOGY CO., LTD.  
 7 0 1 6 5 台 南 市 東 區 東 寧 路 5 6 2 號 2 樓  
 2F, No.562, Dongning Rd., East Dist., Tainan City 70165, Taiwan(R.O.C)  
 Tel. +886-6-2371838 Fax. +886-6-2376716  
 +886-6-2373628  
 www.neovictory.com E-mail : info@neovictory.com