



APPENDIX H

: USER'S MANUAL

User Guide Manual

SΩT



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User Guide Manual

SΩT
SOUND OF TANGIBILITY

PO1

New age of Tangible Sound System

The SOT (Sound Of Tangibility) new age wearable product with sensational Tangible Sound System brings 4D experience on handheld devices to life! You'll feel every blast and explosion through the hand and wrist. Its comfortable wearable product is suitable for all ages.

SOUND Ω TANGIBILITY



Get into the new 4D life!



The organic shape from a human ergonomics data!



Bluetooth

Always ready!



Vibration tangible sound system

SOT-P01 Bluetooth 4D Sound device



SOT-P01 Bluetooth 4D sound device is a new wireless device that makes sound tangible and realistic using an audio sound system that delivers vibrations directly through the body rather than just the ears. It makes movies and music come alive.

For the highest level of three-dimensional sound SOT-P01 is held in the hand or worn on the wrist. This product is a combination of a fashion icon and the latest technology.



NOTE: Please carefully read all safety precautions and general information before use.

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Safety and general information

For operation efficiency it is important that you read through this manual before use.
(Keep this manual in a safe place)

The user should not change or modify this product.

If any changes are made without the written approval of the manufacturer, the warranty of the product may be voided. As this device is wireless it may not work with some devices, so please check the compatibility of your device before use. Please always use the product in compliance with your local laws and regulations.

As this product produces wireless signals during operation, it may interfere with other wireless technologies. Please ensure care is taken in places such as hospitals, health centers as they may have devices that are sensitive to (RF) energy.

Aircraft

Please check with your flight attendant when using this product on an aircraft.

Hearing aid

This product may interfere with hearing aids. If so please contact the hearing aid manufacturer for a solution.

Battery and recharging

Battery, charger, or wireless device, and the following symbols may be displayed.
In this case please note the next page.



Symbols



Do not put the battery or wireless device into the trash.



Within the device, internal lithium-ion battery is built-in.



Do not drop on water.



If the volume is up to the maximum while listening to music or talking on the mobile phone this may cause damage to the ears.



Make sure to use games and phone functions as intended purpose of the design and not for any other function.

R&TTE equipment also covered by other specific legislation.

Where apparatus incorporates as an integral part, or as an accessory, medical devices and active implantable medical devices, it is governed by Directives 93/42/EEC9 or 90/385/EEC 10 as well as the R&TTE Directive. The apparatus must comply with the requirements of all relevant directives.



Certification number: FCC ID: PXNSOT-P01 / CE0197 / KCC-CRM-FG5-SOTP01.

Before use

Before using the product please carefully read over the safety and general information.

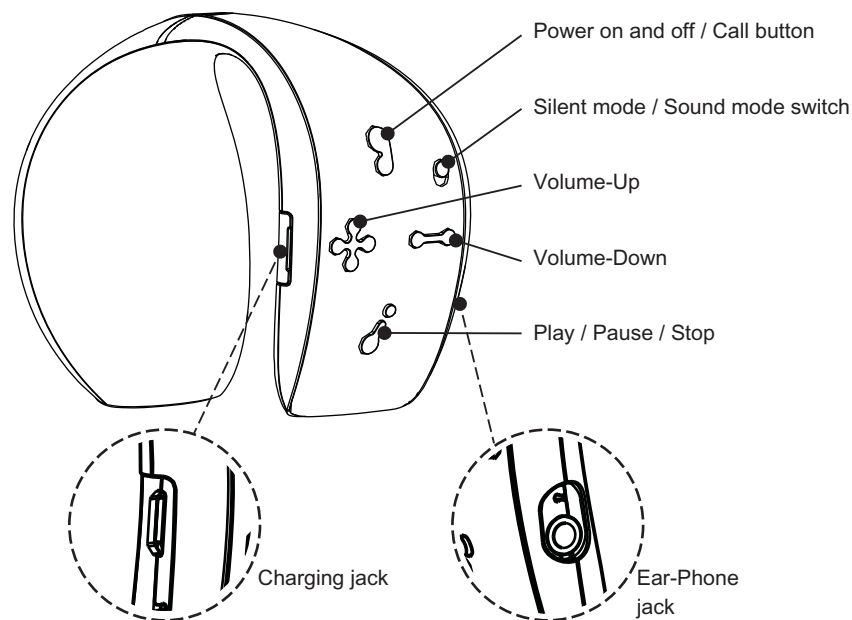
- 1) Do not disassemble the product. If so it will be done at owner's risk.
- 2) Do not use the device in any way other than the intended use.
- 3) Keep away from water or any kind of liquid.
- 4) To clean, use a soft dry cloth with a synthetic detergent.
Do not use any kind of chemical detergents.
- 5) Do not throw or use unnecessary force to twist or pull the device.

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SOUND & TRANSMISSION

Name of parts

SOT-P01



Once you have finished please put the device in to the protective case.

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Enable Bluetooth on your Mobile

Most mobile phones turn off Bluetooth by default. Turn on the Bluetooth feature on your phone to pair it with SOT-P01.

The following procedure applies to models of most smart phones.

(From the main menu)

1. Select set settings> Preferences> Wireless and network> Bluetooth settings> Switch on Bluetooth.
2. From the screen, SOT-P01 will appear and connect automatically.

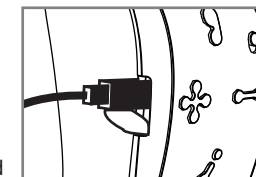


Note: The above procedure applies to most smart phones.

If you have a different phone please use your phone's user manual.

Charging the SOT-P01 battery

1. On the side of SOT-P01 there is a Mini USB socket. Open the charging port and connect the Mini USB cable. (DC4.2±0.05V 465mA 5 pin USB Adapter)
When the battery is charging the power/call button will illuminate red. This could take up to a minute.
2. SOT-P01 will take approximately 2 hours to charge. When it's complete, the power/call button will illuminate blue.
3. Please disconnect the USB cable when charging has finished.



Charger cable attached

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ΣΟΥΠΕΡ ΩΣ ΓΑΓΓΙΟΒΙΛΙΤΥ

SOT-P01Pairing

Before using SOT-P01 it needs to be paired.

The following procedures apply to most smart phone models.

1. Search for the SOT-P01

From a mobile phone (menu) > Preferences > Bluetooth > Bluetooth device connected > Search > Search all.

(Press the Bluetooth from the standby screen shortcuts > Bluetooth device connected > Search > Search all. You can also register by selecting.)

2. Pair with the SOT-P01

1. When the power is off press  button for 8~9 seconds.

(It will then 'beep' and the B button will flash rapidly)

2. After the  flashes rapidly, the SOT-P01 should be shown on the mobile phone.

3. Select the SOT-P01 option listed on the mobile phone.

(After the first connection the phone and SOT-P01 will be connected automatically)

If the connection needs a password it is '0000'

4. When the Bluetooth pairing process is complete, the SOT-P01 will 'beep' and the B button will flash slowly.

5. If the pairing process has failed, the SOT-P01 B button will keep flashing rapidly.

6. Once the pairing process has completed, the volume can be adjusted 15 different levels with the  and  buttons.



If you cannot pair

If your mobile phone will not pair with the SOT-P01 after trying repeatedly, turn the SOT-P01 and your mobile phone off and on, and try again.

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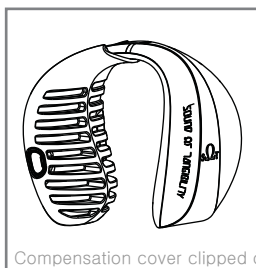
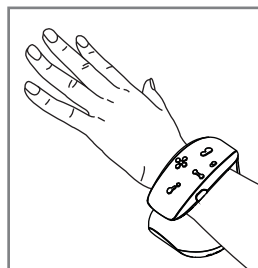
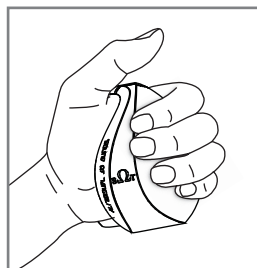


Note

The above procedure is applied to most smart phone models. If these procedures do not apply to the specific mobile phone please refer to the mobile phones user manual. When the mobile phone has successfully connected, the above steps do not need to be repeated. If Bluetooth is enabled on the mobile phone and the SOT-P01 then the devices should automatically connect.

SOT-P01 User guide

1. To wear SOT-P01 note the diagrams below. It can be worn on the wrist or held in the palm with either the right or left hand.
If the SOT-P01 is too large, then the compensation cover will need to be clipped to the inside of the SOT-P01.



Compensation cover clipped on

2. To turn on the SOT-P01, Press and hold button for 2 seconds until it 'beeps'.
The device's LED lights will slowly flash.
To connect Bluetooth refer to the previous page.
Once the device is paired using Bluetooth, the volume can be adjusted using the buttons (0~15 Levels) .
3. To turn off the SOT-P01 hold down button for 2~3 seconds until you hear a 'beep'.



4. Calling and receiving calls

- To receive an incoming call, press button once to take the call.
- To ignore the call, press button for 2~3 seconds.

(You must have an Earphone with a microphone connected to the SOT-P01 to be able to talk on the call as there is not one built-in. If SOT-P01 is not connected to an Earphone with a microphone then Bluetooth needs to be disconnected to take the call.)

When the call was taken while media was playing, it will be paused.

- To end a call and to return to a previous state, press button once.

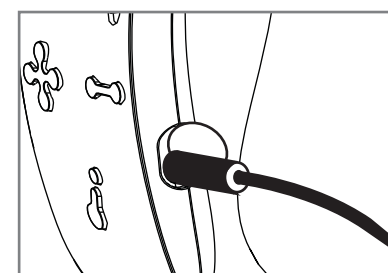


Note

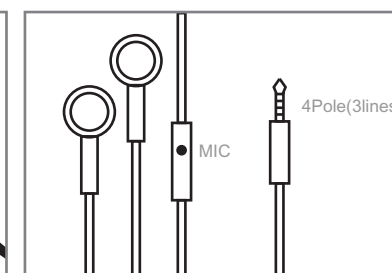
SOT-P01 has a hands-free feature.

To make a call, pair the SOT-P01 with the mobile phone and connect the headset to the side of SOT-P01 and follow the above instructions.

Some features may vary depending on the individual phone / network.



Earphone connected



Earphone with mic



The earphones in the diagrams above are not included with SOT-P01.

Button functions



Power(on/off) / Call



Silent / Sound Mode switch



Volume-Up



Volume-Down



Play / Pause / Stop

1. Play/Pause/Stop


Push  once to start.


While playing, push  again and the media will pause.

Press and hold  for 2 seconds and the media will stop.

(The functions may not work on some mobile phones.)


2. Volume control

Volume  to increase volume (0~15levels)

Volume  to decrease volume (0~15levels)

3. Fast forward and rewind

Forward: Hold down  for 2 seconds to forwards.

Rewind: Hold down  for 2 seconds to go backwards.





4. Earphone mode

After inserting the head phones, switch  to change to Earphone mode.

(After Earphone mode has been activated sound will only come from the earphones and the vibrations will increase in strength.)

If  switch is up then SOT-P01 will change to speaker mode.

5. Receiving calls

With the head set connected press  to receive calls and hold down  for 2 sec to reject incoming call.

6. End call

To end the call press  button again.

7. Making calls


If the head set is not connected, Bluetooth must be disconnected to make calls from the mobile phone as the SOT-P01 does not have a built-in microphone.

If connected, the calls can be made from the mobile phone.

8. Receiving calls

If head set is not connected and there is an incoming call, Bluetooth must be disconnected to receive the call. If headset is connected, then press call button.

9. Toggle

While on a call press  for 2 seconds to switch from mobile phone to headset or headset to mobile phone.






Indicators

Indicator	SOT-P01 State
Power/Call button RED LED on	Charging
Power/Call button Blue LED on	Finished charging
RED LED flashing quickly	Ready for pairing
RED LED flashing 4 sec intervals	On
RED LED flashing 4 sec intervals	Connected and ready for use

Audio Sounds

Sound	SOT-P01 State
'Beep' once	Power turned on/off
'Beep' twice	Pairing connection complete
'Beee' sound	Incoming call
Volume button 'beep'	Max and min sound volume
Sound getting lower	Battery low
No sound or bad quality	Out of reach

Buttons


Buttons	SOT-P01 Function state
	Volume up / next song
	Volume down / previous song
	Play / Pause / Stop
	Power (On/Off) / Call button
	Silent / sound mode



Troubleshooting

Q. SOT-P01 did not pair with your mobile phone correctly.

A. SOT-P01 may have already registered with another device. Be sure to turn the other device off before pairing with the new device.

If the buttons do not flash red, turn off the SOT-P01 by holding down the  button for 2 seconds, then turn off the mobile phone and wait 10 seconds before trying again.

Q. Mobile phone cannot find the SOT-P01.

A. Make sure that Bluetooth is enabled on your mobile phone.

While trying to pair the mobile phone with the SOT-P01, make sure the B button is slowly flashing red.

Q. SOT-P01 was working but it isn't now.

A. Make sure that the device's Bluetooth is turned on and try pairing again.

If it still doesn't work, make sure that the battery has been fully charged.

Customer service center




Customer service center : SEIL. Co., Ltd.
+82 31 254 0967

■ Hours

- SOT Customer service center : MON - FRI 09:00 - 18:00
SAT / SUN / Public holidays / CLOSED
- A/S Center: MON - FRI 09:00 - 18:00
SAT / SUN / Public holidays / CLOSED

- SEIL. Co., Ltd. / Homepage: www.seilinc.com
SOT-P01 Homepage: www.sot-biz.com

SOT-P01 and other accessories collection guide

SOT-P01 shown in the display products with  means that it must not be disposed of.
Do not dispose of this product, battery and electrical devices, such as accessories,
along with household waste.

Parts that will be collected will be recycled in an environmentally friendly manner.
For more information, contact the local authorities relating to the collection system.
We appreciate your participation.



Quality guarantee

Thank you for purchasing SOT-P01
Our products are subject to extensive
and stringent quality control procedures.
this product is guaranteeing its quality to our customers.
If there are any manufacturing faults while under the warranty period,
please do not hesitate to contact the customer service center.

- Warranty period: 1year
- Free service: Under the 1 year warranty if any faults happen, it will
be serviced free of charge. (Must have valid warranty)
- Paid service
 1. If there is a fault after the warranty period
 2. Broken by the negligence of the customer
 - Careless handling (flooding, shock), unauthorized repair, alteration
 - Inadequate power supply connected to cause fault
 - When a fault occurs at a place other than a Yegrina service center
 3. Other
 - Natural disasters such as fire, earthquake and flood

Certification labeling

1. Name of product: Wireless data communications system for wireless devices (SOT-P01).
2. Certification number: FCC ID: PXNSOT-P01 / CE0197 / KCC-CRM-FG5-SOTP01.
3. Certification party interaction: SEIL. Co., Ltd.
4. Date of manufacture: Marked on the product.
5. Manufacturer / Country: SEIL. Co., Ltd / Republic of Korea.
6. Product serial number: Marked on the product.

Specifications

Name of product	SOT-P01
Dimension	L 98.4mm H 92.2mm W 77.2mm
Weight	120g
Power Output	Max 2W
Bluetooth	Bluetooth V2.1(HSP,HFP,A2DP,AVRCP)
Range	up to 33 feet(10m)
Frequency	2,402~2,480 MHz
Battery	930mAh
Charger	5 Pin USB Adapter
Charging Time	2 Hours
Charger input Voltage	DC 5V 465mA
Operation Fluid Temp	- 0°C ~ 45°C
Operation Max Temp	-10°C ~60°C
Playback Time (Music)	Up to 7hours(Vol. 8)
Playback Time (Talk)	Up to 16hours(Vol. 8)
Standby	Approx. 200hours
Handsfree	Only possible with a headset



※To improve the performance of the product, Design and specifications are subject to change without notice.



FCC ID: PXNSOT-P01 / CE0197 / KCC-CRM-FG5-SOTP01.

This product is a patented product. Thus, unauthorized sale or commercial use of the product to manufacturers and sellers without legal permission will result in legal action.

Patent Number: KR10-1162642

PCT Number: PCT/KR2012/006264

USA Limited Warranty Statement

Your SOT-P01, when delivered to you in new condition, is warranted against defects in materials or workmanship as follows:

SEIL Co., Ltd. warrants this product against defects in material or workmanship for a period of one (1) year and as set forth below. SEIL will, at its sole option, repair the product using new or comparable rebuilt parts, or exchange the product for a comparable new or rebuilt product. In the event of a defect, these are your exclusive remedies.

This Limited Warranty covers only the hardware components packaged with the Product. It does not cover technical assistance for hardware or software usage and it does not cover any software products whether or not contained in the Product; any such software is provided "AS IS" unless expressly provided for in any enclosed software Limited Warranty.

To obtain warranty service, you must deliver the product, freight prepaid, in its original packaging or packaging affording adequate protection to SEIL at the address provided in the Owner's Manual. It is your responsibility to backup any macro programming, artwork, software or other materials that may have been programmed into your unit. It is likely that such data, software, or other materials will be lost during service and SEIL will not be responsible for any such damage or loss. A dated purchase receipt, Bill of Sale, Installation Contract or other verifiable Proof of Purchase is required. For product support and other important information visit SEIL's website: <http://www.seilinc.com> or call the Customer Service Center +82 31 254 0967.



This Limited Warranty only covers product issues caused by defects in material or workmanship during ordinary consumer use. It does not cover product issues caused by any other reason, including but not limited to product issues due to commercial use, acts of God, thirdparty installation, misuse, limitations of technology, or modification of or to any part of the SEIL product. This Limited Warranty does not cover SEIL products sold as USED, AS IS, REFURBISHED, so-called "B STOCK" or consumables (such as batteries). This Limited Warranty is invalid if the factory-applied serial number has been altered or removed from the product. This Limited Warranty is valid only in the United States of America. This Limited Warranty specifically excludes products sold by unauthorized resellers.

SOT-P01

LIMITATION OF REMEDIES

SEIL. Co., Ltd. SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY OR CONDITION ON THIS PRODUCT. IN NO EVENT SHALL SEIL. Co., Ltd. BE LIABLE, WHETHER IN CONTRACT OR IN TORT (INCLUDING NEGLIGENCE) FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT, ACCESSORY OR SOFTWARE, OR FOR ANY INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES OF ANY KIND, OR LOSS OF REVENUE OR PROFITS, LOSS OF BUSINESS, LOSS OF INFORMATION OR DATA, SOFTWARE OR APPLICATIONS OR OTHER FINANCIAL LOSS ARISING OUT OF OR IN CONNECTION WITH THE ABILITY OR INABILITY TO USE THE PRODUCTS, ACCESSORIES OR SOFTWARE TO THE FULL EXTENT THESE DAMAGES MAY BE DISCLAIMED BY LAW. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, THERE IS NO OTHER WARRANTY EXPRESSED OR IMPLIED. SEIL. Co., Ltd. WILL NOT BE HELD RESPONSIBLE FOR STATEMENTS MADE BY OTHERS CONCERNING THE MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT.

Some states or jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, or allow limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. This Limited Warranty gives you specific legal rights and you may have other rights which vary from state to state or jurisdiction to jurisdiction.



SOT-P01

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 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.

Warning!

Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

Note : The manufacturer is not responsible for any Radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

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.

Any changes or modifications not expressly approved by the party responsible for compliance could void the authority to operate equipment.

Federal Communication Commission (FCC) Radiation Exposure Statement

According to the KDB447498 (3)(b)(c), The output power is lower than 25 mW for any simultaneous transmitting antenna for which stand-alone SAR evaluation is not required. This equipment complies with FCC radiation exposure.



Lithium Ion 523443A1 930mAh BPR-PS-5EE-Rev1 2007-09-04 1

Battery Caution and Prohibition in Handling.

Warning for using the lithium ion rechargeable battery. Mishandling of the battery may cause heat, fire and deterioration in performance. Be sure to observe the following.

Caution

- When using the application equipped with the battery, refer to the user's manual before usage.
- Please read the specific charger manual before charging.
- Charge time should not be longer than specified in the manual.
- When the cell is not charged after long exposure to the charger, discontinue charging.
- Battery must be charged at operating temperature range 0 ~ 45°C.
- Battery must be discharged at operating temperature range -20 ~ 60°C.
- Please check the positive(+) and negative(-) direction before packing.
- When a lead plate or wire is connected to the cell for packing, check out insulation not to short-circuit.
- Battery must be stored separately.
- Battery must be stored in a dry area with low temperature for long-term storage.
- Do not place the battery in direct sunlight or heat.
- Do not use the battery in high static energy environment where the protection device can be damaged.
- When rust or smell is detected on first use, please return the product to the seller immediately.
- The battery must be away from children or pets
- When cell life span shortens after long usage, please exchange to new cells.

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SOUND OF TANGIBILITY

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Prohibitions

- Do not use different charger. Do not use cigarette jacks (in cars) for charging.
- Do not charge with constant current more than maximum charge current.
- Do not disassemble or reconstruct the battery.
- Do not throw or cause impact.
- Do not pierce a hole in the battery with sharp things. (such as nail, knife, pencil, drill)
- Do not use with other batteries or cells.
- Do not solder on battery directly.
- Do not press the battery with overload in manufacturing process, especially ultrasonic welding.
- Do not use old and new cells together for packing.
- Do not expose the battery to high heat. (such as fire)
- Do not put the battery into a microwave or high pressure container.
- Do not use the battery reversed.
- Do not connect positive(+) and negative(-) with conductive materials (such as metal, wire)
- Do not allow the battery to be immersed in or wetted with water or sea-water.