



BONE CONDUCTION HEADSET SUNGASSES TYPE OWNER'S MANUAL SG01



- Thank you for purchasing our product.
- Please review this "OWNER'S MANUAL" carefully before using this product.
- Please keep this manual available for quick reference.

TEMCO JAPAN CO., LTD

Safety Instructions

- Review this "Safety Instructions" before using the product for safe and correct usage.
- All of the following contains important safety instructions and must be strictly followed.
- Descriptions of sign and terminology are as follows.

⟨Terminology⟩

 **Warning** Wrong usage may cause serious or fatal injury to people.

 **Caution** Wrong usage could result in injury.

⟨Sign⟩

 **Prohibited** ◎ What not to do.
Explicit description is given or attached to the sign.

 **Compulsory** ◊ Action/instructions which must be followed.
Explicit description is given by or attached to the sign.

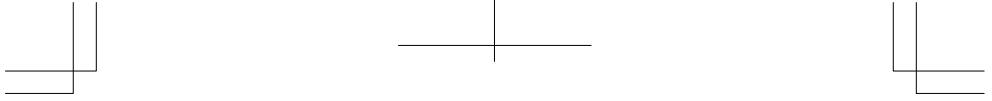
 **Caution** ▲ indicates matter requiring special attention.
Explicit description is given by or attached to the sign.

⚠ WARNING

 **Prohibited** DO NOT disassemble or modify the product. Such act may cause malfunction, electric shock or fire.

 **Prohibited** If anything unusual such as smoke, heat or bad smell is detected, immediately disconnect the power and stop the usage. Continued use may cause electric shock or fire.

 **Prohibited** DO NOT throw the product into the fire. Built-in battery may explode.



⚠ CAUTION

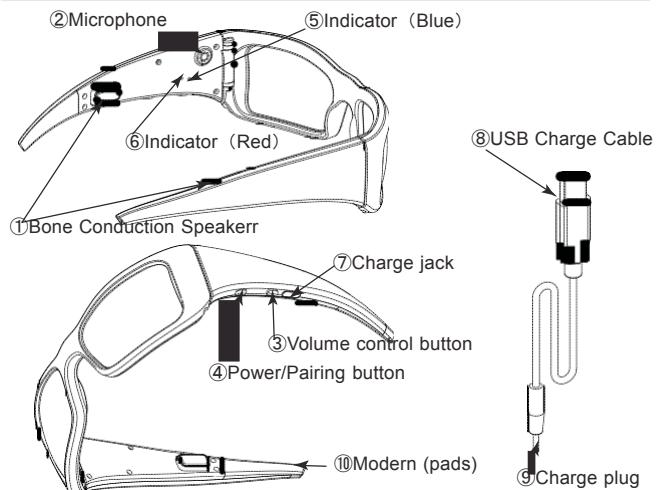
 Prohibited	DO NOT expose the product to heavy rain. Such condition may cause malfunction.
 Prohibited	DO NOT expose the product to open flame or under the direct sunlight for a prolonged period of time. Such environment may cause malfunction or fire.
 Caution	DO NOT drop or apply shock to the product. Such act may cause irreparable damage to the product.
 Caution	DO NOT lick, bite or put the product into the mouth. Such act may result in serious injuries/accidents. Take utmost caution around children.

Kit Checklist

Ensure that the package contains all of the following.

● Sunglasses	One	● Glass wiper	One
● USB Charge Cable	One	● Case	One
			● Owner's Manual One

Parts



Before Using the Product

Charge the headset using the attached USB Charge Cable(8).

Insert the charge plug (9) of the USB Charge cable to the charge jack (7) of the sunglasses.

The indicator (6) turns red as the sunglasses start to charge. The light goes out automatically when charging is completed.

How to Use

1. ON/OFF power switch.

Push Power/Pairing button from 7 seconds.

Blue indicator ⑤ flashes (slow) as the power turns ON.

Another push to the Power/Pairing button ④ from 7 seconds turns the power OFF and the indicator goes out.

2. Volume control

The volume can be controlled in five levels.

The volume increases by one level as each time the volume button ③ is pushed.

Another push at maximum level brings back to the lowest level.

(1, 2, 3, 4, 5 1, 2, 3 · · ·)

3. Default setting

Regarding default setting, please refer paring section in Page 6.

4. Reconnect with the mobile phone

Once the pairing with your mobile is completed, automatic reconnection and wait mode is achieved by turning the power switch ON.

*Some mobile phones may require the following procedure.

Turn ON the power switch of the product. Select [BT-02] from the  Bluetooth equipment list on your mobile screen. Connect the product with your mobile.

To answer incoming Call

5. Once the headset is in wait mode, switching to a talk mode is automatic when there is an incoming on your mobile. Pressing the Power/Pairing button ④ also switch to a talk mode.

*If there is an incoming on your mobile while listening to the music, volume is minimized and automatic connection with the mobile is made (automatic switch function) .

To end a call

6. Wait for the other party to hang up or push Power/Pairing button ④ to end a call.

Talk mode changes to a wait mode.

The mode switches back automatically to the music mode if you were listening to music.

To reject incoming call

7. Press Power/Pairing button ④ from 3 to 6 seconds while the phone is ringing. The call is rejected without answering.

Pairing

CONNECTION INSTRUCTIONS FOR THE D01

Your new SG01 can only be connected to mobile phones, mp3 and GPS navigators that come provided with a  Bluetooth communication system.

To connect the SG01 to your mobile phone or mp3, it is necessary to make an initial setting operation called "PAIRING".

The PAIRING process is required for only the first time you are going to use your SG01 system.

(After the first power up of the unit, you will only have to follow the normal ON/OFF procedure going forward.)

PAIRING PROCEDURE

- 1) Your SG01 must be switched off.
- 2) Again, your mobile phone or MP3 must have  Bluetooth systems and they must be enabled on your device. (Please refer to your phone or mp3 manual for directions / support).
- 3) Push your SG01 on/off-pairing button and keep it pressed for about 7 seconds – until you see a fast blue blinking LED light on the unit.
- 4) Take your now  Bluetooth enabled phone or MP3 and select "search option". When your phone or mp3 will detect SG01, the name of SG01(BT-02) will appear. Please select the unit to PAIR with your phone or MP3.

PLEASE NOTE

Some models of mobile phone or MP3 also may require you to insert a password.

Should this be requested-Please enter 0000 as your code and press enter.

5) The blue indicator will change from a fast to a slow flashing LED light when the pairing operation is successful.

YOUR PAIRING OPERATION IS NOW COMPLETE

IMPORTANT NOTE :If you wish to use your mobile phone for phone calls and your MP3 for listening to music at the same time , it is necessary to do the PAIRING operation for both the mobile phone and the MP3. (Note – PAIR one unit at a time / only one unit is to be powered on at a time to have a successful PAIRING.

(You can not have both the phone and the MP3 units powered on the time when PAIRING.)

7. To switch a call

Push the volume control button ③ from 3 to 6 seconds while talking on the headset.

The call is switched from the headset to your mobile phone.

Also, while talking on the mobile, push the volume control button ③ on the headset from 3 to 6 seconds to switch the call from the mobile to the headset

8. Redial

Push the volume control button ③ from 3 to 6 seconds while in a wait mode. Previous number can be redialed from the headset.

※ Remarks: For switching a call(#7) and redialing(#8), waiting time could be changed depends on the equipment of each mobile phones. Please release the finger from the hold button while alert sound comes.

Special Instructions for Power/Pairing Button

LED display and the headset mode change according to the duration of the Power/Pairing button pushed at "OFF" and doing nothing after the Button is released as shown in the following chart. Shaded part shows the normal workable range. Please use in the workable range.

		Duration of the Power/Pairing Button pushed at "OFF"		
		Less than 3 sec.	3 to 6 sec.	More than 6 sec.
Duration of doing nothing after releasing the Button		—	—	0 to 120 sec. → More than 120 sec.
Before the Pairing	LED Display	Light's out	Slow blinking in Blue	Blinking in Blue → Light's out
	Headset Mode	Power "OFF"	Power "ON" but Headset is not workable	Pairing Mode → Power "OFF"
After the Pairing	LED Display	Light's out	Slow blinking in Blue	Blinking in Blue → Light's out
	Headset Mode	Power "OFF"	Waiting Mode	Pairing Mode → Power "OFF"

* If nothing is done while in Pairing Mode, the mode is cancelled after 120 seconds and the power shuts "OFF". The same occur when the pairing process fails.

When using the headset after the pairing is completed, pushing the Power/Pairing button for more than 6 seconds in a row, brings back the pairing mode.

* If in a wrong mode, turn the power "OFF" and push again the Power/Pairing button for the mode of your choice.

Note

1. Rechargeable high-performance lithium polymer battery is used, but it is expendable. Although the battery under normal use has a long life, such characteristic deteriorates with time. For maximum performance, usage under normal temperature is recommended.
2. In outdoor use under strong wind condition, party on the other end may have difficulty hearing your voice. In such case, move to less windy location.

Specifications

Microphone	Type	Electret Condenser
	Output Impedance	Less than 2.2KΩ (RL=2.2KΩ)
	Frequency Response	200Hz ~ 8000Hz
	Microphone Sensitivity	-44dB±4dB at 1KHz, (0dB=1PV/Pa)
Receiver	Directivity	Non-directional
	Type	Magnetic
	Input Impedance	10Ω±30% at 1KHz
	Frequency Response	300Hz ~ 3000Hz
Headset	Output Level	110d±5dB at 1kHz (0dB=1μN/1mW)
	Size (WxHxD)	151 x 55 x 170 mm
	Weight	47g (1.7 OZ)
	Built-in Battery	Lithium Polymer 3.7V 250mAh
	Operation Time	Approximately 5hours
	Wireless Method	Tuned to BLUETOOTH 2.1
	Profile	HSP, HFP, A2DP
	Charge Method	USB Charge Cable
	Charge Time	Approximately 3 hours

Troubleshooting

If problem arise, refer to the following before requesting repair service.

Common Problem	Check point
● Electric power does not turn ON	● Battery is fully charged. ● Power/Pairing Button is pushed 3 to 6 seconds.
● Other party's voice is inaudible.	● Pairing process with mobile phone is completed. ● The headset is connected to your mobile phone. ● Volume level is adjusted to an audible level. ● Volume level of the mobile is properly adjusted.
● Other party's voice is hardly audible.	● Volume control is properly adjusted. ● Volume control of the mobile is properly adjusted.
● Other party can not hear you.	● Pairing process with the mobile is completed. ● The headset is connected to your mobile phone. ● Too noisy or windy environment.
● Your mobile phone does not recognize the headset at pairing process.	● The Power/Pairing button is pushed for more than 6 seconds.
● Pairing process is completed but there is no connection with the mobile phone.	● Wrong Bluetooth equipment is selected when setting the mobile phone.
● When a call is made on the mobile, there is no automatic connection with the headset.	● Some mobile are not automatically connected. To connect, push the volume button from 3 to 6 seconds.

【Attention】

Lower battery indicates fast flashing twice as the time of slow blinking in a standard mode. (Blue indicator ⑤) . You can also hear beeping sounds from the speaker while internal blinking. Please recharge the battery if the light flashes accordingly this.

* Standard mode ...●.....●.....●.....●.....●.....●.....→
* Lower Battery mode ...●.....●.....●.....●.....●.....●.....●.....→

Warranty

In case of malfunction in spite of correct usage that is consistent with this Owner's Manual and if it occurs during the valid warranty period, we provide free of charge repair service or replace defect product. Temco and Buhel shall not be liable for any incidental or consequential damages resulted from malfunctioning of the product.

When requesting repair service, Warranty Card must be attached to the product and presented to the dealer from whom you purchased. Warranty Card without the date of purchase and store stamp/signature will not be considered as proof of purchase and free of charge repair will not be provided.

IMPORTANT NOTE: FOR E.C.COUNTRIES,CUSTOMERS MUST EXHIBIT,TOGETHER WITH THE CERTIFICATE, A VALID RECEIPT ISSUED BY THE DEALER, SHOWUNG THE DATE OF PURCHASE OF THE PRODUCT

The following are some of the examples which will not qualify for free of charge repair service. You will be asked to pay.

Warranty period is expired.

If Warranty Card is not presented or incompletely filled or if there is an evidence of tampering.

Malfunction is caused by mishandling, improper repair work, unauthorized modification and adjustment, disassembling and wrong cable connection.

Damage resulting from transporting the product after the purchase, traveling, or mishandling of the product such as dropping.

Damage caused by abnormal voltage or use of unspecificide voltage.

Damage caused by acts of God; caused by fire, natural disaster, seawind.

Replacement of expendable supply such as battery.

Repair service done during warranty period does not extend warranty period.

Defective devices or components returned to be replaced will become Buhel's property.

WARRANTY

Model	SG01
Name	
Address	
Phone number	
Date of Purchase	Dealer info AND STAMP
Term of Warranty	
TWO Year	

DISTRIBUTUED BY

BUHEL SRL

VIA DELLA RESISTENZA 37

20090 BUCCINASCO (MILANO) ITALY

TEL. +3902488951 - FAX +39024571225

info@buhel.com www.buhel.com

ENGINEERED BY TEMCO JAPAN CO., LTD - JAPAN
MADE BY TEMCO SHANGHAI CO., LTD - CHINA

FCC ID: OQB-SG01

IMPORTANT REGULATORY INFORMATION

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 that is received, including any interference that may cause undesired operation.

WARNING:

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipments.