

buhel

SOUNDglasses USER MANUAL

Thank you for buying our “Exclusive Collection” of SOUNDglasses

When you try your new SG-05 SOUNDglasses the first time, ***just remember one thing***, the system of “Bone Conduction” is a new system that your brain needs to understand, so in the beginning, the noise that you hear may be low in volume but this is only for the first one or two minutes.

So that your brain can understand this function for the first time, you should put on your new SG-05 SOUNDglasses, *(after they have been fully charged, turned on and connected to your mobile phone; see information below)* and put up the volume to full on your mobile phone. Place your fingers over your ears to close them for about 30 seconds. Slowly the volume will automatically increase simply because your brain now understands this new bone conduction function. You can now change the volume if necessary on your mobile phone or on your SOUNDglasses *(shown in the diagram below)*. Take your SOUNDglasses off and after a few seconds place them back on your head. You will immediately hear the volume louder and every time you wear your new SOUNDglasses in the future, your brain will automatically react and understand the system.

How does Bone Conduction Work?

We all hear sounds through both our bones (bone-conducted or bone-transmitted) and our eardrums (air-conducted or air-transmitted). Our eardrums hear most sounds. The eardrum converts the sound waves to vibrations and transmits them to the cochlea (or inner ear), however vibrations are heard directly by the inner ear bypassing your eardrums. In fact, this is one of the ways you hear your own voice. This is also how whales hear. Normal sound waves are actually tiny vibrations in the air. The vibrations travel through the air to our eardrums. The eardrums in turn vibrate, decoding these sound waves into a different type of vibrations that are received by the Cochlea, also known as the inner ear. Bone Conduction bypasses the eardrums. In bone conduction listening, the bone conduction devices, such as our SG-05 SOUNDglasses perform the role of your eardrums. These devices decode sound waves and convert them into vibrations that can be received directly by the Cochlea so the eardrum is never involved. The “sound” reaches the ears as vibrations through the bones (or skull) and skin and because of this, your ears are still open to hear all external sounds around you; **Safe, Clever and Practical.**

Short Information on “How to Start Using your SOUNDglasses straight away:

HOW TO USE

Before you use your new **BUHEL SOUNDglasses® SG05** for the first time, the battery **must be fully charged**. Please follow the Battery Charging Instructions shown below.



BATTERY CHARGING INSTRUCTIONS

Connect SG05 to the charger plug and the Travel Charger to an AC wall outlet and connect the micro USB end to the SG05 charging port.

Normal full charge time is approx. 2 hours.

Red LED is on during charging. When the charging is complete, the Blue LED will be on.

After the charging is completed, please remove the charger from SG05 and the AC wall outlet.

Please Note: Whenever low battery power is encountered, it is recommended to charge the battery as soon as possible for a better durability and standby life of the battery. Under low voltage status, SG05 will power off after 15 minutes of use if the battery is not charged.

Advice: Do not use the product during charging. Do not charge the battery if not necessary to avoid shortening battery lifetime.

PAIRING PROCEEDURE

Your new SOUNDglasses® SG05 should only be connected only to mobile phones, music readers, GPS navigators and other devices that are equipped with a Bluetooth® communication system. To achieve wireless connection with your BT mobile phone, it is necessary to make an initial setting operation called “**Pairing**”.

The Pairing process is required only when the product is used for the first time.

From the second time on, when you push the power switch ON some phones will re-connect automatically (Blue-Tooth auto re-connection feature); some others will show “Do you want to connect with Buhel SG05?” Push “ok” only.

BLUE-TOOTH CONNECTING OPERATION

To avoid not pairing correctly with other devices, please locate your Buhel SG05 and the device that you wish to pair as close as possible, better within 1 meter.

Please also control that there are no other devices with pairing code "0000" (four zeros) active nearby. Press and hold the MFB for 2 seconds (approx.) until the Blue and Red LED flashes alternatively quickly. SG05 is in pairing mode now. Search for Buhel SG05 using your phone or other device. For more information on how to search for a Bluetooth® device, please refer to the Instruction Manual of your Phone/Device.

Select "Buhel SG05" from the list of devices discovered from your phone or music reader. Follow the onscreen steps to confirm the selection.

Please Note: some models of phones or music readers also may require you to insert a password. In this case, please enter the passkey "0000" (four zeros).

When pairing is successful, the blue LED flashes slowly.

You do not need to pair again, for a paired device; you will only have to follow the normal ON Procedure. (LED flashes slowly)

Remove Blue-Tooth Connection: Power off your SG05.

Place your SG05 out of the Blue-Tooth sensing distance of the paired device. Select the Disconnection function on the paired device and follow the procedure.

AUTOMATIC ANSWER

SOUNDglasses® SG05 has auto-answer for incoming call. The incoming call is answered automatically after approximately 6 seconds. Press MFB for 2 seconds to reject an incoming call.

VOICE DIALLING

SOUNDglasses® SG05 allows Voice Dialling phone calls. This feature is supported only by mobile phones that include the Voice Dial feature.

Under stand-by mode, press the MFB button until you hear the voice indication from your mobile. Pronounce clearly the pre-recorded voice tag stored in the mobile. Follow the voice instructions of your mobile.

VOLUME SETTING

The volume can be adjusted on 4 separate levels and is increased by one level at a time when the volume button is pushed.

RESTORING THE FACTORY SETTINGS

In the event the user has problems with the pairing with another device or making an operation, the function will be blocked. In this case, it is necessary to reset the function and restore back to the factory settings by the following operation: in the stand-by mode, press simultaneously MFB button and the Volume button for 6 seconds until hearing 2 beeps.

Follow the pairing or the operation instruction once again from the start.

STATUS

Power off	Power on	Press on the MFB button for 2 seconds
	Power on for searching another BT device	Press on the MFB button for 5 sec.
Phone mode	Answer a call	The incoming call will be automatically connected after approximately 6 seconds
	Rejecting a call	Long press on the MFB button for 2 seconds
	End a call	Short press on the MFB button
Standby mode	Voice dialing	Short press on the MFB button
	Bluetooth re-connection when disconnected	Short press on the MFB button
	Last Number redial	Press 2 sec. on the VOLUME button
Talk mode	Switch the call from SG05 to cell phone	Press 2 seconds on the VOLUME button
	Volume increase/decrease	Short press on the VOLUME button
	Volume continuous increase/ decrease	Continuously press on the VOLUME button
	Hang up	Short press on the MFB button
Music mode	Volume continuous increase /decrease	Continuously press on the VOLUME button
	Next-song – Pause/Resume/Next	Double-click on the button Short press on the button
Default	Restore to Default	Keep pressed 6 sec. MFB & VOL. buttons together until 2 short beeps
Power on	Power off	Press on the MFB button for 3 sec.

LED & SOUND INDICATIONS

Device Status	LED Indication	Sound Indication
Off Mode	Off	
Power On	Blue on for 1 sec.	1 long beep
Power Off	Red on for 1 sec.	1 long beep
Standby (Normal)	Blue flashes once every 6 sec.	
Standby (Low Voltage)	Red flashes once every 3 sec.	
Talking in Process	Blue flashes once every 6 sec.	
Pairing in Process	Blue & Red flash alternatively	
Pairing Completed & Bt Connected	Blue flashes once every 6 sec.	2 short beeps
Charging in Process	Red on	
Charge Completed	Blue on	

HOW TO CHANGE THE SG05 LENSES

Please note: pull out one lens and replace the new one first and then make the same operation with the other lens

A – How to pull out one lens

1. Open both the Temples and turn SG05 with the Frame up and the Temples down.
2. Hold steadily your SG05 by the bridge between your forefinger and thumb (left hand).
3. Take hold one lens between forefinger and thumb of the right hand and nearby the bridge.
4. Pull the lens toward the Temple and as far as the bridge retention tooth is free.
5. Pull out the lens far from the frame.

B – How to reassemble one lens

6. In the frame channel over the lens there is the wiring. Maybe that pulling out the lens the wire comes out a little. Just pass on the the nail of your forefinger to push it inside again.
7. Select the right replacement lens (right or left).
8. Go on holding steadily your SG05 by the bridge, take old the replacement lens and insert the temple retention tooth first.
9. Push the lens toward the temple as far as the bridge retention tooth can slip into the bridge side groove.
10. Position properly the lens into the groove with small and gentle movements. The lens must be steadily fixed and its upper rim completely inside the groove.

WHAT IS INSIDE THE BOX OF YOUR SG05 SOUNDglasses

Inside your Box	Please control that the box contains all of the following.
SOUNDglasses® SG05 with iridescent red/gold lenses, cat.3, anti-scratch	x 1
Replacement set of Smoke Grey lenses, cat.3 FM, anti-scratch	x 1
Replacement set of Clear lenses, Cat.0	x 1
Mono Earphone cm 12 for Battery saving	x 1
Cloth bag for sunglasses	x 1
Cloth bag for 2 sets repl. lenses	x 1
EU Wall charger	x 1
110V USA Adaptor	x 1
USB Cable	x 1
User Manual	x 1

SAFETY INSTRUCTIONS

Please read carefully the "Safety Instructions" before using the product for its correct and safe use. All of the following points contain important safety instructions and **must be strictly followed**.

TERMINOLOGY

Wrong usage may cause serious or fatal injury to people.  Wrong usage could result in injury



WHAT SHOULD NOT BE DONE

Explicit information and/or instructions are given with this symbol.  Actions and Instructions which must be followed.

Explicit information and/or instructions are given with this symbol. 

Indicates a matter that requires special attention.

Explicit information and/or instructions are given with the symbol. 

WARNING

Please do not change the settings or talk on the cell phone while driving. It may cause an accident. **Please Note:** In no event shall Buhel be liable for any special, indirect, punitive, incidental, exemplary or consequential damages, or any damages whatsoever resulting from the usage of this product.   

If anything unusual occurs, such as smoke, heat or a bad smell is detected, please disconnect the power immediately and stop usage. Continuing the use may cause electric shock or fire. 

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

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

EMERGENCY PROCEDURES

In the event of water immersion, fall, damaged case on impact, unusual sound, smoke generation or strange odour, it may cause fire, electrification or failure. Please turn off immediately the power and do not use. Please contact your local dealer after checking. Do not try to repair by yourself to prevent accidents.   

CAUTION

This product is water resistant, but **not** waterproof.

Do not immerse in water to avoid damaging the product as well as shortening its lifetime. 

DO NOT drop or apply shock to the product. Such act may cause the product to be irreparable.

SPECIFICATIONS

Microphone Type	Wind noise reduction microphone
Bluetooth® Version	Version 4.0, Class 2
Operation Frequency Band	2.402 to 2.480 GHz unlicensed ISM band
Bluetooth® Profiles	HSP V1.2, HFP V1.6, A2DP V1.2, AVRCP V1.4
Bluetooth® Operation Distance	10 meters
Charge Time	About 2 hours
Music Play Time	About 2 hours
Cell phone Talk Time	About 3 hours
Standby Time	About 300 hours
Possibility of Pairing	Up to 7 devices
Size of SG05 (open)	180x145x45 mm
Weight of SG05	45 gr
Operating Conditions	-30°C~50°C, humidity 0~90%
Battery	Li-ion Battery (3.7V 150 mAh)
Charger Output	DC 5V 500mA, Micro USB 5 pin

FREQUENTLY ASKED QUESTIONS

Q: Why I cannot play again the music on Buhel SG05 by using the buttons, 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 Buhel SG05.

Q: Why doesn't the electronic power turn on?

1. If the Battery is fully charged;
2. If you have pushed the Power/Pairing Button from 3 to 6 seconds.

Q: Why is other party's voice hardly audible?

1. If volume control is properly adjusted;
2. If volume control of the mobile is properly adjusted.

Q: Why cannot other party hear you?

A: There are three points to be checked for this issue:

1. If Pairing process with mobile phone is completed;
2. If the headset is connected to your mobile phone;
3. Too much noisy or windy environment.

Q: Why does not your mobile phone recognize the headset pairing process?

A: Please kindly check "the Power/Pairing button is pushed for more than 6 seconds."

Q: Why there is no connection with the mobile phone but the Pairing process is completed?

A: It could be that you have selected another wrong Bluetooth® equipment when setting the mobile phone.

PRODUCT WARRANTY

(Please keep this warranty and original Invoice for free maintenance up to 24 months after purchasing.)

We provide free of charge repair service or replacement of the defective product in case of malfunction in spite of its correct usage, that is consistent with this Instructions Manual, and if the malfunction occurs during the valid warranty period.

Warranty Period: 24 (twenty four) months from the date of purchase for Buhel SG05, and 12 (twelve) months for the removable and expendable components.

When requesting repair service, the Warranty Card must be attached to the product and presented to the dealer from whom you have purchased it.

Warranty card without the date of purchase and store stamp/signature will not be considered as a proof of purchasing and the free of charge repair or replacement will not be provided.

IMPORTANT NOTE: for E.C. Countries, customers must exhibit, together with the card, a valid receipt issued by the dealer, showing the date of purchase of the product.

Repair service done during warranty period does not extend the warranty period. The free of charge repair service is not disposable if the warranty period is expired or the Warranty Card is not presented or it is filled incompletely or it presents an evidence of tampering.

The Warranty does not cover possible failures due to the normal wear and tear or to the non-appropriate usage. Just for example:

* Malfunction is caused by mishandling, improper repair work, unauthorized modifications and adjustment, disassembling and/or wrong cable connection, soaking and hitting.

* Damage has been caused by abnormal voltage or use of unspecified voltage, natural disasters and irresistible external factors.

The defective products or components, returned to be replaced, will become Buhel's property.

LIMITATION OF LIABILITY

In no event shall Buhel be liable for any special, indirect, punitive, incidental, exemplary or consequential damages, or any damages whatsoever resulting from the use of the product, whether based on breach of contract, tort (including negligence), product liability or otherwise, even if advised of the possibility of such damages. You acknowledge and agree that the above limitations are fundamental elements of this agreement and that the device would not be provided to you absent such limitations. If you are unwilling to accept and agree to the above conditions, you may return this device to the store for a full refund within and no later than 6 business days following the purchase.

Required: proof of purchase and retail box and all accessories being complete and intact.

By not returning the device for repair or replacement within the provided period, you are in explicit agreement with the above limitations, and you renounce all the rights to future claims and/or demands against Buhel.

Date of Purchase

Country Purchased

Name of Retailer & Stamp

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Your Full Name & Address and Contact Information (E-Mail, Telephone)

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