HAT6018 SOUND AMPLIFIER
USER MANUAL

Scan here to check the user video

Aftersales mailbox:
aftersalesmailbox@163.com

If you encounter any problems during using, please remember to contact us at the first time, please believe that we will give you a satisfactory solution.

IN THE PACKAGE

• Charging Case • Sound Amplifier • Type-C Cable



• Eartips • User Manual

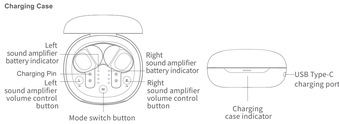


KNOW YOUR SOUND AMPLIFIER

Sound Amplifier



Charging Case



ASSEMBLE THE EARTIPS

Please choose the appropriate size of the eartips for you, and assemble the eartips as below picture.



HOW TO WEAR YOUR SOUND AMPLIFIER

- Hold the sound amplifier with your index finger and thumb.
- Gently insert the sound amplifier into the ear canal, and then rotate it forward or backward until the product is stable in the ear and will not fall.



PAIRING-FIRST USE

1. Open the charging box, the sound amplifier will automatically enter the bluetooth pairing mode.
2. Open your phone settings, turn on the Bluetooth, search for device HAT6018, and then click the circle icon to pair and connect.

Remarks: 1. It can be used directly in the sound amplification mode; 2.It can be used as a music player and call.



TECHNICAL SPECIFICATIONS

Output.OSPL90 Max.	＜106dB+3dB
OSPL90 HFA Avg	103dB±4dB
FOG50 HFA Average	33±5dB
EQ Input Noise	≤32dB
Frequency Range (Not narrower than)	300Hz-5000Hz
Working current	≤10mA
Total Harmonic Distortion	≤5%
Bluetooth version	BT5.2
Operating Voltage	DC 3.7V
Play time	7H
The number of times the charging box can be charged	＞2times
Charging time of charging box	About 2H
Input voltage	5V/500mA

Notice: The above parameter index testing is on basis of FONIX8000Hearing Aid Test System; Inspection standard: IEC 60118-7 2005, 2CC coupling cavity 5B-1

HOW TO USE SOUND AMPLIFIER

Number	Status	Function	Tone Noitce	Led Indicator	Operation
1	Sound Amplifier status	Turn on	/	/	1.Open the charging case and take out the sound amplifier.
					2.After the sound amplifiers turned on , it will take 10 seconds to have the amplifier affect, but the Tone Notice is normal .
			Power ON	/	3.When the sound amplifier is turned off, Press the touch panel on any sound amplifier 2 seconds, it will be turned on .
2		Turn off	/	/	1.Put the sound amplifier into the charging case and close the case cover, the sound amplifier will be turned off and start to be charged .
			Power OFF	/	2.When the sound amplifier is turned on, Press the touch panel on any sound amplifier 6 seconds, it will be turned off .
3		Mini volume	Mini volume	/	1.Press 1 time on the touch panel of left sound amplifier to adjust the left volume . 2.Press 1 time on the touch panel of right sound amplifier to adjust the right volume. 3.Press 1 time on the L button of charging case to adjust the left volume . 4.Press 1 time on the R button of charging case to adjust the right volume . 5.Press 2 seconds on the L button of charging case, the left sound amplifier will default as Volume One . 6.Press 2 seconds on the R button of charging case, the right sound amplifier will default as Volume One . 7.Each time taking the sound amplifier from the charging case, the volume will default as the last time using (the volume have memory function).
4		Volume one	Volume one		
5		Volume two	Volume two		
6		Volume three	Volume three		
7		Max volume	Max volume		
8		Normal mode	Normal mode	/	It defaults as Normal Mode when the first time use 1. Press 2 seconds on the touch panel of any sound amplifier to change the Mode, "Normal mode/Outdoor Mode/TV Mode/Conversation Mode" will be in a circulation changing when long press 2 seconds of any touch panel. You can set the different mode based on your environment.(The set mode has a memory function.)
9		Outdoor mode	Outdoor mode	/	
10		TV mode	TV mode	/	It defaults as Normal Mode when the first time use 2.Press 1 time on the M button of charging case to change the Mode ; Normal mode/ Outdoor Mode/TV Mode/Conversation Mode" will be in a circulation changing when press 1 time on M button . You can set the different mode based on your environment. (The set mode has a memory function.)
11		Conversation mode	Conversation mode	/	
12		The sound amplifier is paired successfully or connected successfully to the bluetooth	Dudo	/	When the sound amplifier connected to Bluetooth successfully or re-connected again.
13		The sound amplifier is disconnected from the smart phone's bluetooth	/	/	When the Bluetooth disconnected with the phone.
14	Call states	Answering the phone	/	/	1.When a call is coming, short press any of the touch panel of sound amplifier to answer the call. 2.Answering the call on the phone when a call is coming.
15		End the call	/	/	1.When on a calling, long press any touch panel 2 seconds to finish the call . 2.You can also finish the call on your mobile phone .
16		Reject a call	/	/	1.When a call is coming, long press 2 seconds any of the touch panel of sound amplifier to reject the call 2.Rejecting the call on the phone when a call is coming.
17		Adjusting call Volume	/	/	Control the volume by adjusting the "volume +" or "Volume -" button on your phone.
18	Music states	Play or pause music	/	/	Play or pause music by operating the "play" or "pause" symbol of the playback software on your phone.
19		Adjusting music Volume	/	/	Control the volume by adjusting the "volume +" or "Volume -" button on your phone.
20	Charging case battery status	The battery of charging case is normal.	/	The white light shines for 10s and then off.	Open or close the cover of the charging case, the white light shines for 10s and then off.
21		The battery of charging case is low or dead.	/	8 white and red indicators on the charging case flash 10 times quickly.	Open or close the cover of the charging case, the 8 white end red light flashes for 10s and then off.
22		Using the type-C cable to charge the charging case.	/	When charging, the white light will flash "3 times per 5 seconds" continuously.	When the charging case is on charging, the white light will flash "3 times per 5 seconds" continuously.
23		When the battery of charging case is full.	/	The white light will keep shining.	/
24	Sound Amplifier battery status	Sound amplifier Battery power query	/	/	1.Connect to a bluetooth device and check the battery level on the bluetooth device (different bluetooth devices display different ways) 2.Put the sound amplifier back to the charging case, The battery indicator (2 groups of 4 white lights) lights up according to the battery level of the sound amplifier.
25		Recharge the sound amplifier	/	/	Put the sound amplifier into the charging box, close the top cover of the charging box, and the charging box will automatically charge the sound amplifier.

Remarks: 1. Enter the call mode when the music is playing. When the call is over, the music is played automatically.
2. The earphone enters the call mode in the sound amplifier mode. After the call, the earphone automatically returns to the sound amplifier mode.

TROUBLESHOOTING GUIDE

Symptom	Possible Causes	Solutions
Not Loud Enough	Blocked tubing/earbud	Clean or replace ear wax guard as needed.
	Hearing change	Contact your hearing professional.
	Too much dust	Clean both microphone and receiver with brush.
Inconsistent Performance	Restart required	Put the sound amplifier into charging case， close the top cover to turn off. Then take out the sound amplifier.
	Blocked tubing/ earbud	Clean or replace ear wax guard as needed.
Unclear, Distorted Performance	Restart required	Put the sound amplifier into charging case， close the top cover to turn off. Then take out the sound amplifier.
	Blocked tubing/ earbud	Clean or replace ear wax guard as needed.
	Defective sound amplifier	Contact your hearing professional.
Dead sound amplifier	Charge required	Put the sound amplifier into charging case, close the top cover, and wait for charging.
	Blocked earbud/tubing	Clean or replace ear wax guard as needed.
	Ear canal fulfilled with oil wax	Contact your hearing professional.
No LED indicator when sound amplifier are inserted into the charging port	Low battery	Connect the Type-c cable to your charging case and plug it into the wall. The on-board battery LEDs will flash for a few seconds to indicate the connection to the power source.
Red indicator light and 8 white Color indicator flashes quickly	Low battery	Insert your type-c cord to charge the case
Sound amplifier whistling in the charging case	Dead battery	Put the sound amplifier into charging case, close the top cover, and insert your type-c cord to charge the case.
If the sound amplifier whistles in the ear	Sound Amplifier earplug and ear canal sealing of fit is not good	1. Gently turn the sound amplifier, so that the sound amplifier eartips and ear canal sealing and fitting better, so that you can deal with the whistle phenomenon.
		2. The size of the eartips on the Sound Amplifier does not match your ear canal.Use earplug of a different size to improve the whistle phenomenon.
Sound Amplifier has no sound	Mini volume	Turn up the sound amplifier volume.
	Blocked up the Eartips' sound port or microphone port	Clean the sound port or microphone port
	Low battery	Put the sound amplifier into the charging case to charging
The voice is very weak and unclear	The volume is too low	Click to adjust the volume level
	Eartips loose	Re-wearing the sound amplifier
Sound amplifier failure self-checking table		

FACTORY RESET MODE

Put both the left sound amplifier and the right sound amplifier into the charging case, open the top cover of the charging case, press and hold the M button for 5 seconds, the white light of the charging case and the 8 white lights of the sound amplifier flash alternately for 3 seconds, and the sound amplifier enters reset mode.



Press and hold for 5 seconds

HELPFUL HINTS

- Do not take apart your sound amplifier or insert the cleaning tools inside them. (When not in use, place your sound amplifier in the charger and store them.)
- In a dry, safe place.
- Away from direct sunlight or heat to avoid extreme temperatures.
- Where you can easily find them.
- Safely out of reach from children and pets. Synergy Charger Care
- Keep your charger clean. Heat, moisture, and foreign materials can result in poor performance.
- Do not use water, solvents, or cleaning fluids to clean the charging ports.
- Keep lid closed as much as possible to avoid dust and debris build-up.
- Store your charger in a clean and dry location.
- Fully charge sound amplifier batteries every night.

SOUND AMPLIFIER CARE

Keep your sound amplifier clean. Heat, moisture, and foreign substances can result in poor performance.
- Use a cleaning brush or soft cloth to clean debris from around the user control and microphone; inspect the the receiver, earbud, or ear tip and wax guard regularly.
- Never use water, solvents, cleaning fluids, or oil to clean your sound amplifier.
- Charging contacts should always be kept clean and dry.

Your hearing professional can provide further information on additional maintenance procedures for your sound amplifier, if needed.

SERVICE AND REPAIR

1. If for any reason, your sound amplifier and charger do not operate properly, do NOT attempt to fix it yourself. Not only are you likely to violate any applicable warranties or insurance, you may also cause further damage.
2. If your sound amplifier and charger fail or perform poorly, check the guide on the next page for possible solutions. If problems continue, contact your hearing professional for advice and assistance. Most of the problems can find in your hearing professional's office or clinic.

IMPORTANT SAFETY INSTRUCTIONS

⚠ **1.CONTRAINDICATION**

The device is unsuitable in the following situations:
- Usage is prohibited for patients with chronic suppurative otitis media and congenital ear atresia.
- This sound amplifier can only compensate patients with hearing impairment and do not have hearing therapeutic value.

1) Congenital atresia of external ear or deformity of external auditory meatus, a large number of foreign bodies in external acoustic meatus;
2) Deafness is unstable, and the degree of hearing loss often fluctuates;
3) Complaint with headache, dizziness, earache, tinnitus, and other symptoms that are not suitable for adaptation;
4) Sudden deafness in the past three months; progressive rapid deafness; apparent unilateral deafness or other acute ear diseases;
5) Effusion in the middle ear and frequent purulence;
6) Central deafness; non-organic deafness;
7) Patients with acute otitis externa and tympanitis;
8) Patients with acute and chronic suppurative otitis media (in the period of purulent infection);
9) Patients who are allergic to the material of this product.

⚠ **2.WARNINGS**

- Keep small swallow-able accessories out of children's reach.
- Dropping, immersing in liquid, and accessing strong electromagnetic fields or over heat will damage sound amplifier. If a sound amplifier or accessories remain in the ear, please go to see a doctor as soon as possible, do not take it out by yourself.
- Warning not to use in explosive or oxygen-enriched atmospheres; it may damage the device.
- Warning that only the intended person can use it; using a sound amplifier designed for someone else may result in hearing damage.
- Statement about the special needs of particular patient groups.
- Warning about common conditions that could damage the device.
- Warning that results from the risk management file permissible environmental conditions of transport and storage.
- Each warning/safety contains: nature of Hazard; likely consequences; precautions

⚠ **3.NOTICE**

- Please Do not use it at high volume for a long time. Otherwise, it will injure your ear. If you feel uncomfortable, please stop using it.
- Please check the product every time before using it, and avoid wearing the earplug with foreign objects in ear canal. It will affect the sound amplifier.
- Avoid shocking and dropping the product. Do not keep or use it in high humidity environments (such as the sauna room).
- Do not throw the scrapped battery as standard rubbish.
- Do not use the product in a potential explosive or dangerous environment.
- Do not share your sound amplifier with others. Your sound amplifier setting is personal and individual, share with someone else will result in others' hearing damage.
- Be careful with any unusual skin reactions. In some instances, wearing a sound amplifier can cause an allergic reaction leading to it chiness or rashes. If you notice any uncommon skin condition, stop wearing the sound amplifier, and check with a medical specialist.
- Do not place the sound amplifier near the magnetic objects.
- Be sure to take off the sound amplifier when getting a diagnosis or treatment.
- Never pry the inside of the sound amplifier with a needle or similar object; otherwise, it will damage the device.
- Do not put the sound amplifier near heating appliances or in direct sunlight, and you should also avoid high moisture areas such as bathrooms or near a humidifier.
- In a closed car in summer, the temperature can rise to very high levels. Do not leave your sound amplifier in a high-temperature car.
- Do not use the sound amplifier close to a cell phone, otherwise it may increase the noise and affect the sound quality.
- Please contact the MANUFACTURER:
- Any questions in setting up, using, or maintaining the sound amplifier;
- To report unexpected operations or events.

⚠ MATTERS NEEDING ATTENTION, WARNINGS, AND TIPS

1. Do not immerse the sound amplifier in any liquid. Remove the sound amplifier before swimming and shampooing. After swimming or washing, wait for the ear canal to dry before wearing the sound amplifier.
2. Please use the function and volume control switch correctly, open and close as lightly as possible to avoid excessive force.
3. Applicable objects: Suitable for people with air-conducting hearing loss of about 30-50dB.
4. Please use sound amplifier with sound amplifier charging cases.
5. When you do not use sound amplifier, please charge the product regularly to avoid battery damage; the recommended charging time interval of sound amplifier is ≤28 days;

INTENDED USE

1. Medical purpose
- The sound amplifier intends to compensate for impaired hearing.

2. Intended patients and environment
- The sound amplifier uses for indoor and outdoor environment, and patients under 18 years old must require the doctor's approval.

3.Side effects
- For patients with sensitive skin, the silicone material may irritate your ear canals.
- First use may cause slight pain to the ear canal due to maladjustment.

MAINTENANCE AND CLEAN

1. Daily maintenance
It is important to keep your instrument clean and dry. Daily, cleanthe hearing instruments using a soft cloth or tissue. To avoid damage due to humidity or excessive perspiration, please use a drying kit.

2.Care and maintenance
Please put it in where children could not reach, dry and no exposed in the sun.
Do not place sound amplifier near high-temperature heating areas such as stoves.
Do not leave the sound amplifier in a humid place for a long time.
Do not scratch the microphone with sharp objects to avoid damage to the microphone.
Do not disassemble or attempt any repairs by yourself.

3.Cleaning
1) Cleaning the earplug
Remove ear wax plugged in the earpiece by using a stick and brush.
2) Cleaning hook
Using a soft cloth or tissue, wipe off any moisture, sweat, or debris from the surface of the device.
Note: Do not use alcohol or other cleaning solvents to clean the hook as this could damage the protective covering.

MAINTENANCE, STORAGE AND DISPOSAL

1. Maintenance
1) We do not authorize any institution or individual to maintain and repair the product. If you suspect that the products have any issues, please contact the manufacturer or distributor to handle them.
2) The user must not attempt any repairs to the device or any of its accessories. Please contact the retailer for repair.
3) Opening of the equipment by unauthorized agencies is not allowed and will terminate any warranty claim. warning: No modification of this equipment is permitted!

2.Storage
1) If you Do not use it, and then put the sound amplifier into the charging case.
2) Do not put the device under the sunshine, high temperature, and moist environment or someplace, which maybe get in touch with fire or is vulnerable to vibration.
3) Keep the device storage in following environmental ranges:-20~55℃, ≤95%RH, 700-1060hPa

3. Disposal
Please dispose of the device under the directive 2002/96/EC – WEEE (Waste Electrical and Electronic Equipment),and Don't dispose with domestic waste. If you have any queries, please refer to the local authorities responsible for waste dis-postal.

IMPORTANT NOTICE FOR PROSPECTIVE SOUND AMPLIFIER USERS

Good health practice requires that a person with a hearing loss have a medical evaluation by a licensed physician (preferably a physician who specializes in diseases of the ear) before purchasing a sound amplifier. Licensed physicians who specialize in diseases of the ear are often referred to as otolaryngologists, otologists or otorhinolaryngologists. The purpose of the medical evaluation is to assure that all medically treatable conditions that may affect hearing are identified and treated before the sound amplifier is purchased.

Warning to sound amplifier dispensers
A sound amplifier dispenser should advise a prospective sound amplifier user to consult promptly with a licensed physician (preferably an ear specialist) before dispensing a sound amplifier if the sound amplifier dispenser determines through inquiry, actual observation, or review of any other available information concerning the prospective user, that the prospective user has any of the following conditions:

(i) Visible congenital or traumatic deformity of the ear.
(ii) History of active drainage from the ear within the previous 90 days.
(iii) History of sudden or rapidly progressive hearing loss within the previous 90 days.
(iv) Acute or chronic dizziness.
(v) Unilateral hearing loss of sudden or recent onset within the previous 90 days.
(vi) Audiometric air-bone gap equal to or greater than 15 decibels at 500 hertz (Hz), 1,000 Hz, and 2,000 Hz.
(vii) Visible evidence of significant cerumen accumulation or a foreign body in the ear canal.
(viii) Pain or discomfort in the ear.
Special care should be exercised in selecting and fitting a sound amplifier whose maximum sound pressure level exceeds 132 decibels because there may be risk of impairing the remaining hearing of the sound amplifier user. (This provision is required only for those sound amplifier with a maximum sound pressure capability greater than 132 decibels (dB).)

FCC WARNING

RF exposure statement
This equipment complies with the FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

FCC Warning
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.

NOTE 1: 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 or 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.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

WARM TIPS:

Due to the different actual situations, each customer's experience of using product is different. If you have any questions in the using process, please contact our professional customer service staff by our aftersales email (aftersalesmailbox@163.com) or by the platform where you purchased this product as soon as possible. Please believe that our customer service staff will offer you satisfactory assistance.

NORMALIZED SYMBOLS

	Consult instructions for use
	B type applied part
FC	FCC ID: 2AGA6-HAT6018
	Disposal Please dispose of the device under the directive 2002/96/EC – WEEE (Waste Electrical and Electronic Equipment), and Don't dispose with domestic waste.
	Manufacturer
	Date of manufacture
SN	Serial number
	Warning/ Danger: Improper use might cause serious injuries.
IP41	IP code of the device: this device's grade of against ingress of solid foreign objects – the access probe of 2.5 mm Ø shall not penetrate; the grade of waterproof is vertically falling drops shall have no harmful effects.

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