

HEARING AMPLIFIER 02002 USER MANUAL



**Please read this manual completely
before using this product.**

I. INTRODUCTION

What is a digital hearing amplifier?

"02002" is a sound amplifier that receives sound and digitizes it (breaks sound waves up into very small, discrete units) prior to amplification. A traditional analog amplifier, on the other hand, will simply amplify the sound wave. "02002" can selectively amplify soft sounds while ignoring louder, unwanted noise. This allows the device to perform well in a variety of environments.

Is this device designed to treat hearing loss?

No. Patients with hearing loss are recommended to visit a doctor who can diagnose and prescribe treatment for hearing loss. This device is intended to be used by those who wish to amplify low/quiet sounds and enhance their ability to listen to those sounds. Examples include birdwatchers, college students in large but unamplified classrooms, and of course eavesdroppers.

II. INTENDED USE

This device is intended to be used by those who wish to amplify low/quiet sounds and enhance their ability to listen to those sounds.

III. IMPORTANT SAFETY PRECAUTIONS

Read this entire manual before using the device.

Do not use if you have ear pain of any kind. See a doctor if you suffer from ear pain or hearing loss.

People with sensitivity to silicone materials should not use this device.

This product is intended for adults. Small parts are a choking hazard for children.

III. IMPORTANT SAFETY PRECAUTIONS (continued)

People with chronic suppurative otitis media or congenital ear atresia should not use this device.

Remove the battery when the device will not be used for an extended period, to avoid leakage.

Keep the device dry.

Batteries are harmful if swallowed. Keep out of reach of children.

Do not dispose of battery in fire.

Do not operate the device at high volume for an extended period.

Do not insert the earpiece deep into your ear canal. If any part should become lodged in your ear canal, do not attempt to remove it yourself. See a doctor immediately.

IV. KNOW YOUR DEVICE



Volume: There are 6 levels. Press the volume rocker up to raise the volume, and press it down to lower the volume.

Modes: There are 4 modes: Standard, Noise reduction, Indoor, and Outdoor, Pressing the Mode button will switch among those modes, in the order listed above.

"+" indicates the positive battery electrode.

"-" indicates the negative battery electrode.

Included accessories:

Main device: 1 piece

Battery (#13 zinc-air, 1.5V): 2 pieces

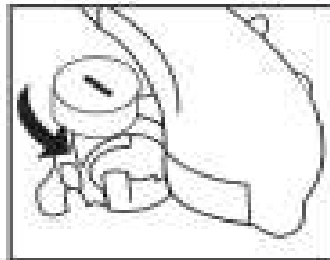
Earpiece: 3 pieces assorted sizes

Tubes: 2 pieces (one for each ear)

Case: 1 piece

V. USAGE INSTRUCTIONS

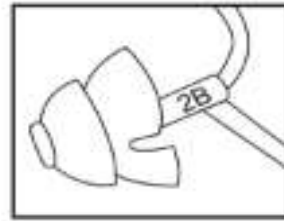
5.1 Open the battery compartment and insert a battery (included) in the correct orientation. (Be sure to remove the protective film from the battery before use.) Close the battery compartment.



5.2 The default volume will be set (minimum) and the default mode will be set (Standard).

5.3 Attach a tube to the main device (there is a tube for the left ear and a tube for the right ear) and attach an appropriate earpiece to the tube.

- marker "2B" in red = right ear
- marker "2B" in blue = left ear



5.4 With an appropriate earpiece attached, hold the tube at the curve near the earpiece and carefully push the earpiece into your ear canal, being careful not to push it too deep. Twist it gently until it fits snugly. (You may need to open and close your mouth to allow air pressure to equilibrate.)

Lift the body of the device and slide it over the top of your ear. Use the concha lock to help keep the device in place. (Place it carefully in the bowl of your ear.)



5.5 To remove the device, lift the body of the device and slide it over the top of your ear. Then hold the tube and carefully pull the earpiece from your ear.



5.6 To adjust the volume, press the volume rocker up to increase the volume, and press it down to lower the volume.



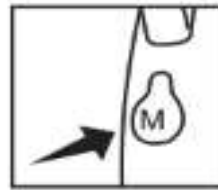
Volume up



Volume down

5.7 To change modes, press the mode button to cycle through modes in the following order:

- Standard
- Noise reduction
- Indoor
- Outdoor



5.8 To turn the device off, simply open the battery compartment.

VI. MAINTENANCE

Clean daily with a soft, dry cloth. **DO NOT PLACE THE DEVICE IN WATER.**

For long-term storage, remove the battery to avoid leakage.

VII. TROUBLESHOOTING

Problem	Solution
No sound or weak sound	<ul style="list-style-type: none">- Remove and re-install the battery- Replace the battery- Clean or replace the tube or earpiece
Amplifier emits an alert signal	<ul style="list-style-type: none">- Replace the battery
Sound is distorted	<ul style="list-style-type: none">- Replace the battery- Lower the volume- Clean or replace the tube or earpiece
Amplifier does not work	<ul style="list-style-type: none">- Make sure the battery compartment is closed- Make sure the battery is in the correct orientation- Replace the battery

VIII. SPECIFICATIONS

Device Description	Digital Hearing Amplifier
Model Number	Hearing Amplifier / D16 02002
Type	Digital BTE
Power supply	D.C.1.5V , #13 battery
Max. sound pressure level for input SSPL 90dB	122±3dB
Max. Out Put Sound Level Gain	50±5dB
Equivalent input noise level	≤20dB
Reference Test Gain	38±5dB
Total Hamonic distortion value	500Hz≤2%; 800Hz≤2%; 1600Hz≤2%;
Frequency Range	300Hz ~ 5000Hz
Operating temperature / humidity:	0 ℃ ~ +40 ℃ (32F-104F), ≤ 80% RH
Storage temperature / humidity:	-10 ℃ ~ +55 ℃ (14F-131F), ≤ 85% RH
Weight (g)	3.5 (hearing amplifier with battery)
Dimension (mm)	40 x 14 x 8(mm)

IX. DISPOSAL



Please dispose of the device in accordance with the directive 2002/96/EC – WEEE (Waste Electrical and Electronic instruments). If you have any queries, please refer to the local regulations.

X. Warranty

We offer you a warranty after the date of purchase for one year. Any damage caused by improper handling shall not be covered by the guarantee. Battery and packaging are also excluded from the guarantee. A Warranty claim must be submitted with the purchase receipt.