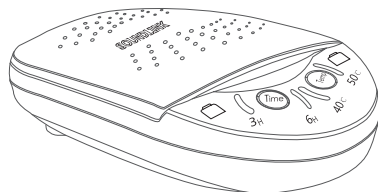


AID202 Electronic Dryer User Manual



+86 512-69372012

Soundlink CO.,Ltd.

Overview

First of all, thank you for choosing our products, please read the corresponding instructions carefully before using.

Soundlink AID200 series of electronic dryers are specially designed for daily drying and dehumidification of precision electronic products such as hearing aids. AID202 adopts a chip heating element, using automatic temperature control technology. The dried object and the heating system are isolated by the middle layer, then heated air dehumidify and dry the object, thereby avoiding damaging the dried object by the excessive temperature.

Soundlink AID202 electronic dryer has 2 timing setting (3 hours/6 hours) and 2 heating temperature setting (40°C/50°C). It can be switched freely by users:

- a: When the environmental humidity is relatively high or users sweat a lot, recommended to use 6H, 50°C model
- b: When the environmental humidity is relatively low, recommended to use 3H, 40°C model

In order to hygiene and clean hearing aids conveniently, we put one piece of brush with loop & magnet in the drying chamber.

In order to place batteries conveniently there are 2 magnetic battery placement. ()

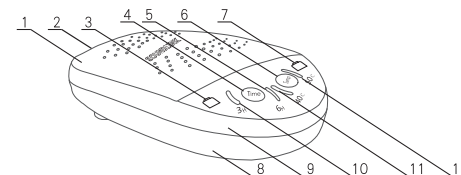
Technical specifications

- 1.Environmental conditions:
 - A.Surrounding temperature: 0 °C ~ 40 °C
 - B.Relative air humidity: ≤80% RH (at 25 °C)
 - C.Atmospheric pressure: 86kPa ~ 106kPa
 - D.No flammable and corrosive gas or conductive dust in the surrounding air

Technical specifications

2. Power supply: DC5.0V/1.0A
3. Power: ≤ 4W
4. Constant temperature:
 - I : 40 °C
 - II : 50 °C
5. Constant temperature difference: ± 5 °C
6. Timing time:
 - I : 3h
 - II : 6h
7. Timing difference: ±30S

External Structure



Name and function description:

1. Upper cover,
2. Adapter input socket,
3. Left battery placement,
4. Time setting button,
5. 6h indicator light,
6. Temperature setting button,
7. Right battery placement,
8. Base,
9. Middle layer,
10. 3h indicator light
11. 40°C indicator light,
12. 50°C indicator light

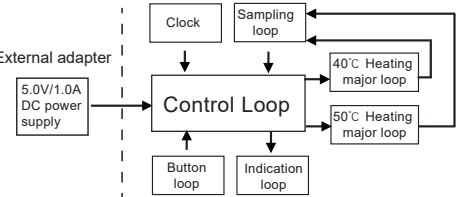
SOUNDLINK
Soundlink Co.,Ltd.



2F-1# Building North, No.855 Zhujiang Road, New District
(Huqiu District), Suzhou, China 215129

+86 512-69372012
info@soundlink.com.cn
www.soundlink.cn

Working Principle



This product consists of control loop, clock, sampling loop,button, indication loop, heating major loop and so on.

The working power supply of this product is provided with 5.0V/1.0A DC power supply by external adapter. The standard adapter is suitable for 100V~240V AC. When the control loop receives the operation command of the button loop output and the information collected by the sampling loop, the microcomputer starts timing and comprehensively calculates and executes the execution command quickly, and the actuator heats the main circuit to work to heat up or stop heating; to achieve constant temperature drying.At the same time, the indication loop indicates the corresponding working state.

This product has two timing settings, users can choose one according to the moisture level of the hearing aid or the humidity of the environment. 3h can be heated continuously for three hours; 6h can be continuously heated for six hours.

Working Principle

The heating major loop of this product uses 22 crystal heating elements, dense array layout, directly applied to the PCB. There are many hot spots, dense, fine, and wide distribution without dead ends. It has the characteristics of balanced heating, fast heating and long life.

The constant temperature setting of 40°C and 50°C is designed for the convenience of the user to select the 40°C mode when the ambient temperature is too high in summer and choose the 50°C mode when the ambient temperature is low in winte.

Operation

Placement: Remove the battery from the hearing aids first, then open the cover of the dryer, place the hearing aids in the center position and close the cover.

Power connection: First , Connect the DC output of round 3.5-pin plug to the input socket back of the dryer . Second, connect the AC input of +5V adaptor to power socket (100-240v) .It is indicated that the power is on when the red and green indicators on the front panel flash simultaneously.

Timing : Press the time setting button to select 3h and 6h . The default is 3 hours . So the 3h green indicator light flashes to steady light . And the same time , the 6h green indicator light, 40°C and 50°C red indicator lights are off . If need 6 hours, continue to press the timing setting button again. The 6h green indicator light is always on, and the 3h green light is off. Switch between 3h and 6h. The timing restarts if the timing button is pressed again during the working of the dryer.

Operation

Temperature : Press the thermostat selection button to select 40 °C and 50 °C . The default temperature is 40 °C , so the red indicator light at 40 °C is always on . If need 50 °C , continue to press the thermostat selection button again. The 50 °C green indicator light is always on, and the 40 °C green light is off. Switch between 40 °C and 50 °C .

Ending: The machine will stop heating automatically when the setting time is reached. Accordingly, the corresponding heating indicator red light turns off, and the corresponding timing green light flashes at the same time. The drying process is finished and hearing aids should be removed from the dryer.

Brush with loop & magnet : The loop is used to remove foreign matter in the tube . The magnet is used to remove the battery from the hearing aid or load the battery to the hearing aid. The brush is used to clean the surface of the hearing aid .

Two battery placement: The magnetic suction force of the area is used to suck the battery to avoid the loss of the battery drop.

Notes

- 1. Keep stains, watermarks away from the hearing aids before drying.
- 2. Remove battery from hearing aids before drying.
- 3. Make sure hearing aids clean and no battery leakage before drying.
- 4. Power specifications must be strictly observed with our instructions to avoid serious consequences such as halting problem or even burnt of machine.
- 5. Do not cover the machine when it is working.
- 6. The drying time must be less than 12 hours per day.

Notes:

- 7. Please pull out the plug after drying.
- 8. Do not try to disassemble or repair the machine by yourselves.
- 9. Keep away from children.

Common troubleshooting

No	Symptom	Cause Analysis	Solution	Remarks
1	1.If power-on, the 4 indicators do not flash 2.If press time setting button are not on 3.If press temperature setting buttonare not on	1.The power adapter and socket are not plugged well. 2.The power adapter and USB cable are not plugged well. 3.The power cord is not plugged well or the power button on the power strip is not turned on.	1.Re-plug the power adapter and socket 2.Re-plug the power adapter and USB cable 3.Re-plug the power strip and make sure the power button is turned on	Board inspection and repairing should be performed by profession als

Note:

- 1. Must turn off the power before checking the board inspection.
- 2. Repairing must be performed by professionals.

Packing list

No	Item	Model	Quantity	Remarks
1	Instruction manual	AID202	1	
2	Certificate	AID202	1	With instruction manual
3	Packing List	AID202	1	
4	Power Adapter	5.0V/1.0A	1	
5	Adapter charging cable	USB to DC3.5*1.35	1meter	