

## Jinghao D590

# Jinghao D590 Rechargeable Ear-Hook Hearing Amplifier User Manual

Model: D590

## 1. INTRODUCTION

The Jinghao D590 is an ear-hook type hearing amplifier designed for ease of use and clear sound amplification. It features a high-sensitivity microphone to capture sounds, a signal processing circuit for clarity, and a high-performance speaker that amplifies ambient sounds up to approximately 20 times. This device offers clearer sound compared to many comparable models.

It includes three distinct modes (Standard, Indoor, Outdoor) to adapt to various listening environments and 6 levels of volume adjustment. The simple operation and ergonomic design make it suitable for users of all ages. The package includes four sizes of ear tips (XS, S, M, L) to ensure a comfortable and secure fit, along with a convenient storage case.

## 2. PACKAGE CONTENTS

Before using your Jinghao D590, please ensure all items are present in the package:

- Jinghao D590 Hearing Amplifier (Pair)
- Charging Station
- USB Charging Cable
- Storage Case
- Ear Tips (8 pieces: 2x XS, 2x S, 2x M, 2x L)
- Cleaning Brush
- User Manual (Japanese)

# 製品詳細

親しい方へのプレゼントにも...



① 耳掛け集音器本体 + 電源充電台



② 取扱説明書



③ 収納ケース



④ イヤーピース (8個)



⑤ 耳あか掃除ブラシ (1本)



⑥ 充電用ケーブル

Image: Contents of the Jinghao D590 package, including the hearing amplifiers, charging station, various ear tips, cleaning brush, and USB cable.

## 3. SETUP AND CHARGING

### 3.1 Initial Charging

The Jinghao D590 features a rechargeable battery, eliminating the need for frequent battery replacements. To charge the device:

1. Connect the included USB charging cable to the charging station and a power source.
2. Place the hearing amplifiers onto the charging station. Ensure they are correctly seated.
3. An orange indicator light on the charging station signifies that charging has begun.
4. Charging typically takes approximately 2 hours for a full charge. A green indicator light will illuminate when charging is complete.

A full charge provides approximately 20 hours of continuous use. Please note that actual usage time may vary depending on volume settings and environmental factors.

## 片耳/両耳 着装可能・急速充電

両耳着用でいつもより音のはっきり！  
急速Type-C充電：15分の充電で、2時間の再生可能！



Image: Illustration of the Jinghao D590 charging station with hearing amplifiers. Orange light indicates charging in progress, green light indicates charging complete. Details on 20 hours operation and 2-hour charging time are also shown.

### 3.2 Selecting Ear Tips

The D590 comes with four sizes of ear tips (XS, S, M, L) to ensure optimal comfort and sound quality. Choose the size that provides a snug yet comfortable fit in your ear canal to prevent sound leakage and maximize amplification.

### 3.3 Wearing the Device

Follow these steps to properly wear your Jinghao D590 hearing amplifier:

1. **Prepare the Earpiece:** When attaching, flip the flared part of the earpiece inside out. Push the attachment hole part into the attachment part of the earphone.
2. **Position the Device:** Place the earpiece into your ear canal and rest the main unit behind your ear.
3. **Insert the Receiver Tube:** Gently push the receiver tube further into your ear canal until it feels secure.

# イヤホンの装用方法



1. 取り付けるときは、イヤピース広がっている部分を反対側にひっくり返します。取付穴部分をイヤホンの取付部分に押し込みます。

2. イヤピースを耳あなに入れて耳の後ろに乗せます。



3. レシーバチューブを耳あなの中に、ゆっくりと耳の中へ押し込んでいきます。

4. 大切な方への贈り物に



Image: Step-by-step visual guide on how to properly attach the earpiece, place the hearing amplifier behind the ear, and insert the receiver tube into the ear canal.

## 両耳装着

片耳装着より、両耳装着は音の方向や距離感が掴みやすくなり、360度全方位の音をしっかりとキャッチして聞きたい会話を聞き逃さないように両耳設計されております。



## 軽量で快適な装着感

S・M・L・XL四種類のイヤープースが付属しており、耳に最も適切なサイズのイヤープースを選ぶことができます。



ear for comfortable wear.

## 4. OPERATING INSTRUCTIONS

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The Jinghao D590 features large, easy-to-access buttons for volume control, mode switching, and power on/off, allowing for adjustments even while wearing the device.

### 4.1 Power On/Off

Locate the power button on the device. Press and hold to turn the device on or off.

### 4.2 Volume Adjustment

The device offers 6 levels of volume adjustment. Use the '+' and '-' buttons to increase or decrease the sound amplification to your preferred level. The device includes an automatic volume memory function, which restores the last used volume setting even after powering off or charging, preventing sudden loud sounds.

### 4.3 Mode Switching

The D590 provides three distinct listening modes to optimize sound clarity in different environments:

- **Standard Mode:** Suitable for general environments, facilitating smooth conversations.
- **Indoor Mode:** Designed for indoor settings, such as watching TV, to reduce background noise.
- **Outdoor Mode:** Optimizes sound for outdoor environments, making conversations clearer amidst ambient sounds.

Press the 'M' (Mode) button to cycle through these modes. The device will emit a 'beep' sound to indicate a mode change.

# 3つのモード切替

さまざまなシーンに適応



ノーマルモード



屋内モード



屋外モード



両耳装着

はっきりクリアに聞こえる！



片耳装着

聞き取りにくい！



scenarios where each mode is beneficial.

#### 4.4 Noise Reduction and Feedback Suppression

The D590 incorporates a mechanism to reduce ambient noise and suppress unpleasant feedback (squealing) and sudden loud noises, which are common issues with some in-ear devices. This design aims to provide a more comfortable listening experience and facilitate clear conversations.



Image: Diagram illustrating the noise-canceling function of the Jinghao D590, showing sound waves before and after noise reduction, and highlighting the volume adjustment and mode buttons.

### 5. MAINTENANCE

Regular cleaning and proper care will extend the lifespan and maintain the performance of your Jinghao D590 hearing amplifier.

- **Cleaning the Device:** Use the provided cleaning brush to gently remove any earwax or debris from the earpiece and microphone port.
- **Wiping the Body:** Use a soft, dry cloth to wipe the main body of the amplifier. Do not use liquids or abrasive cleaners.
- **Storage:** When not in use, store the device in its charging station or the included storage case to protect it from dust and damage.
- **Moisture Protection:** The device has an IPX5 rating for sweat and water resistance, offering protection against splashes. However, avoid submerging it in water.

### 6. TROUBLESHOOTING

If you encounter issues with your Jinghao D590, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound or low sound	Low battery, clogged earpiece, incorrect volume setting, device off.	Charge the device, clean the earpiece and microphone, increase volume, turn on the device.

Problem	Possible Cause	Solution
Feedback/Whistling sound	Earpiece not properly sealed, volume too high, earwax buildup.	Ensure earpiece fits snugly, reduce volume, clean ear canal.
Sound is distorted or unclear	Clogged earpiece/microphone, incorrect mode, low battery.	Clean the device, switch modes, charge the device.
Device does not charge	Charging cable/adapter faulty, device not properly seated in charger.	Check cable/adapter, ensure proper placement in charging station.
Discomfort or pain in ear	Incorrect earpiece size, improper insertion.	Try a different size ear tip, re-insert the device carefully. If discomfort persists, discontinue use and consult a professional.

If the problem persists after trying these solutions, please contact customer support.

## 7. SPECIFICATIONS

Feature	Specification
Model Number	D590
Brand	Jinghao
Product Weight	210 g (total package)
Package Dimensions	10.9 x 10.8 x 6.9 cm
Battery Type	Lithium Ion (1 included)
Charging Time	Approx. 2 hours
Continuous Use Time	Approx. 20 hours (fully charged)
Color	Gray
Volume Levels	6 levels
Operating Modes	Standard, Indoor, Outdoor
Water Resistance	IPX5 (sweat and splash resistant)

## 8. WARRANTY AND SUPPORT

Information regarding product warranty and specific customer support contact details is not available in the provided data. Please refer to the product packaging or the seller's website for warranty terms and customer service contact information.

