

User Manual

for Multifunctional Visual Ear Washer

I. Product Overview

(I) Product Introduction

This Multifunctional Visual Ear Washer is meticulously crafted by Guangdong H-K-Y Medical Technology Co., Ltd. It is an electronic product designed for ear cleaning and care in home settings. It innovatively integrates advanced visual technology with a comfortable cleaning method. It is the world's first ear washer with stepless adjustment (multi - frequency adjustment) function. Equipped with an 8 - megapixel ultra - high - definition camera, it enables visible cleaning throughout the process. This allows users to clean their ears safely, conveniently, and efficiently while avoiding over - cleaning or ear damage. They can also enjoy a comfortable experience similar to an ear SPA.

(II) Product Features

1. **High - Definition Visibility:** It is equipped with an 8 - megapixel ultra - high - definition camera, a lens with a wide - angle of over 140 degrees, and a large depth of field of 2 - 120MM. Combined with 6 super - bright LED lights, it can clearly display the internal condition of the ear canal, facilitating precise cleaning.

2. **Intelligent Safety:** It has an intelligent safety protection function, making the use process more reassuring. It is equipped with a touch screen and APP control, which is simple and convenient to operate. It also supports WIFI image transfer, getting rid of cable constraints.
3. **Diverse Functions:** It can not only gently clean the ears but also has multiple modes such as massage and drying. It has stepless adjustment functions for light, water flow, water temperature, wind speed, and temperature, meeting the personalized needs of different users.
4. **High - Quality Materials and Design:** It is made of environmentally friendly materials, which is friendly to the environment. It is lightweight and easy to carry, convenient for use anytime and anywhere. It has an IPX7 - level waterproof and dust - proof function, being resistant to daily use environments.
5. **Long - lasting Battery Life:** With a large - capacity 5200mAh battery, it can support up to 90 minutes of use. The charging time is only 60 minutes, and the charging current is 5V 0.5A, meeting the needs of frequent daily use.

II. Product Parameters

Parameter Name	Parameter Details
Brand Name	H - K - Y
Product Model	H2201

Parameter Name	Parameter Details
Resolution	Ultra 8 – megapixel high – definition
Lens Diameter	3.5mm
Image Transfer Frame Rate	30fps
Operating Frequency	2.4/5GHZ
Battery Capacity	5200mAh
Rated Power	Less than 20W
Usage Time	90 minutes
Charging Time	60 minutes
Charging Current	5V 0.5A
Operating Environment	-10~50° C
Product Dimensions	235X235X295 (mm)
Water Tank Capacity	1800 ml (900 ml clean water + 900 ml return water)
Rated Voltage	3.7V
Network Standard	IEEE 802.11b/g/n

III. Product Accessories

1. **Visual Ear Washer Main Unit:** 1 piece
2. **TYPE - C Universal Charging Cable:** 1 piece
3. **Product Manual:** 1 copy

4. **Warranty Card:** 1 copy

IV. Installation and Placement

1. **Installation:**

- This product has an integrated design. There is no need for complex installation steps after unpacking.
- Before the first use, ensure that the ear washer is fully charged. If the battery is low, use the supporting charging cable to connect to the mains for charging.
- **Charging Instructions:** Insert one end of the adapter into the charging port of the ear washer and the other end into the socket. The indicator light of the ear washer will show the charging status (red) during the charging process, and it will be constantly on (green) when fully charged.

2. **Placement:**

- During daily storage, it should be placed in a dry and well - ventilated place, avoiding direct sunlight and high - temperature environments to prevent the shell from deforming or internal components from being damaged.
- Keep it out of the reach of children to prevent accidental damage or misuse.

V. Usage Method

(I) Preparation Before Use

1. Check the Equipment:

- Check the battery level through the ear washer's screen (charge if <20%).
- Ensure all components (camera, nozzle, water tank, etc.) are intact and secure.

2. Prepare the Cleaning Solution:

- Pour warm water (temperature adjustable via the tank's display bar) or cold water into the lower tank, up to the 900ml mark.

3. Visual Setup (Optional):

- Download the "BKWiFi" APP via the QR code or app stores (Android/iOS).
- Power on the device, connect to its WIFI via the APP (no password needed), and view real - time video.

(II) Cleaning Process

1. Wear the Ear Washer:

- Adjust the ear cover to fit tightly over the ear, ensuring a secure seal.

2. **Start Cleaning:**

- Press the **Power Button (P)** to start.
- Adjust water flow, temperature, etc., via the touch screen.

Button Guide:

- **P**: Power On/Off (long - press 2s to start, short - press to stop)
- **V**: Video Mode (activates camera and light)
- **W**: Cool Wind
- **CW**: Continuous Water Spray
- **PW**: Pulsed Water Spray
- **HW**: Hot Wind
- **+/-**: Adjust intensity (0 - 8 levels)

3. **Monitor Progress:**

- Use the APP to view live video, take photos, or record videos.

(III) Post - cleaning Treatment

1. **Dry the Ears:**

- Use the blowing function (adjustable speed/temperature) to dry ears thoroughly.

2. **Clean the Device:**

- Empty and wipe the tank. Wipe the exterior with a soft cloth.

VI. Precautions

1. Safety Guidelines:

- Avoid over - cleaning. Stop immediately if pain or discomfort occurs.
- Do not submerge in water or use during bathing/swimming.

2. Environment:

- Use within -10~50°C. Avoid strong electromagnetic fields.

3. Children:

- Adult supervision required.

4. Maintenance:

- Regularly clean and avoid dropping. Charge periodically if unused.

VII. Common Problems and Solutions

Problem Description	Possible Causes	Solutions
Ear washer won' t power on	Low battery/Power button issue/Circuit problem	Charge/Check button/Contact 售后
APP connection failure	Weak WIFI/Device off/Incorrect steps	Switch to stable WIFI/Turn on device/Follow APP guide
Blurry camera feed	Dirty lens/Low light/Device error	Wipe lens/Adjust lighting/Contact 售后

Problem Description	Possible Causes	Solutions
Water leakage during use	Poor fit/Seal damage	Re – adjust ear cover/Replace tank seal

VIII. After - sales Service

1. Warranty Policy:

- The national three guarantees policy applies (the specific period is subject to the warranty card).
- Free repair/replacement for defects (excluding Man-made damage).

2. Contact Information:

- Hotline: 14743536812
- Email: china383@126.com
- Service Hours: 24/7

FCC Caution:

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.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: 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.

The device has been evaluated to meet general RF exposure requirement. The device can be used exposure condition without restriction.