

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [Nuroum](#) /

› [Nuroum HP31-D Wireless Bluetooth Headset User Manual](#)

Nuroum HP31-D

Nuroum HP31-D Wireless Bluetooth Headset User Manual

Model: HP31-D

1. INTRODUCTION

The Nuroum HP31-D Wireless Bluetooth Headset is designed to provide a superior audio experience for both professional and personal use. Featuring AI-powered Environmental Noise Cancellation (ENC), Bluetooth 5.3 connectivity, and multi-point connection capabilities, this headset ensures clear communication and flexible usage across various devices and platforms. Its ergonomic design and long battery life make it suitable for extended periods of use.

2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- Nuroum HP31-D Wireless Bluetooth Headset
- Charging Station
- USB-A & USB-C Dongle
- USB Charging Cable
- User Manual (this document)



Image: Nuroom HP31-D headset on its charging station, with the USB dongle visible. This image illustrates the main components included in the package.

3. PRODUCT OVERVIEW

3.1 Key Features

- **AI-Powered ENC Noise Cancellation:** Suppresses 99.9% of background noise for clear calls.
- **Bluetooth 5.3:** Ensures faster pairing and improved connection stability.
- **Multi-Point Connection:** Allows simultaneous connectivity to two devices, facilitating seamless transitions.
- **Easy Controls:** Includes a 250° rotatable boom mic and a one-key mute/unmute function.
- **Long Battery Life:** Up to 35 hours of continuous calls and 45 hours of continuous playback with 2-hour quick charging.

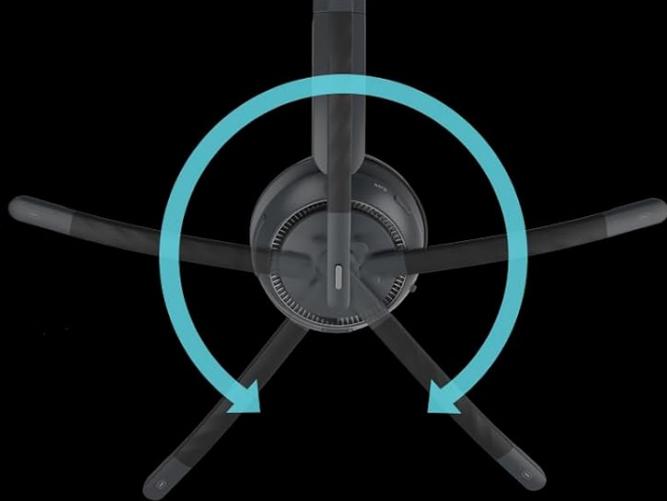
3.2 Headset Components and Controls

Familiarize yourself with the headset's components and controls for optimal use.

Easy Controls to Enhance Productivity

250° rotatable boom mic

for flexibility and supports
left and right wearing



One key mute/unmute

for hands-free operation without touching
your computer or smartphone.



Image: Close-up of the headset showing the 250° rotatable boom microphone and the one-key mute/unmute button on the earcup.

- **Boom Microphone:** Rotates 250° for flexible positioning on either side.
- **Mute Button:** Located on the earcup for quick mute/unmute during calls.
- **Volume Controls:** (Specific buttons not detailed in source, refer to product for exact location)
- **Power Button:** (Specific button not detailed in source, refer to product for exact location)
- **Charging Port:** USB-C port for direct charging.

3.3 Ergonomic Design for All-Day Comfort

The HP31-D headset is engineered for maximum comfort during extended use, featuring:

- **180° Rotatable Ear Muffs:** Adjust for a perfect fit and easy storage.
- **Protein Memory Foam Ear Cushions:** Soft and breathable for prolonged wear.
- **Soft Padded Leather Sling:** Reduces pressure on the head.

- **Stretchable Headband:** Accommodates various head sizes.

All-Day Comfort & Ergonomic Flexible Design

Minimize pressure on ears and head,
catering to various head sizes

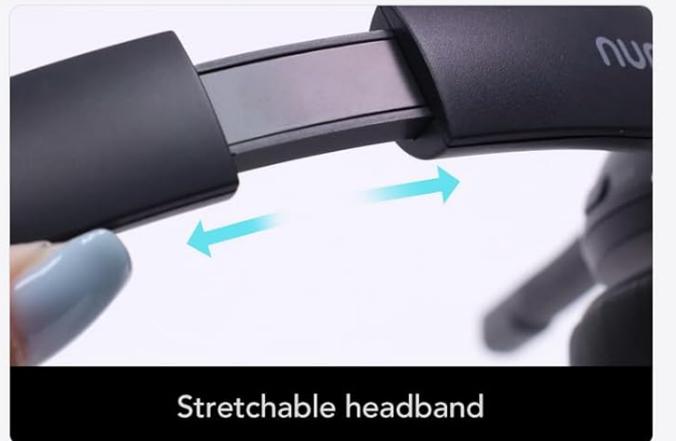


Image: Four detailed views highlighting the headset's comfort features: 180° rotatable ear muffs, protein memory foam ear cushions, a soft padded leather sling, and a stretchable headband.

3.4 Broad Compatibility

The Nuroum HP31-D headset is compatible with a wide range of operating systems and communication platforms, ensuring seamless integration into your workflow.

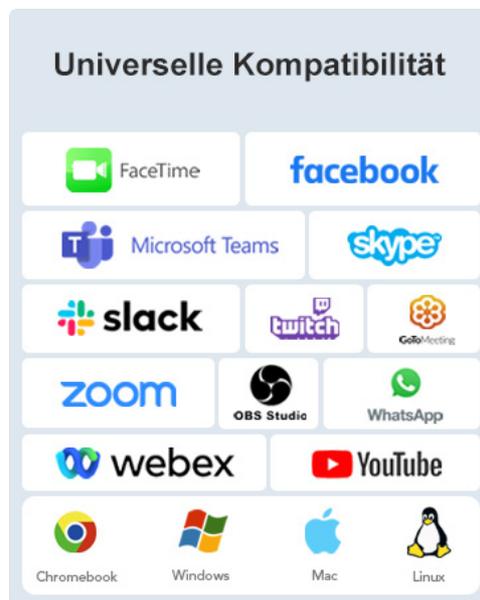


Image: A comprehensive display of the headset's compatibility with various platforms and applications, including major operating systems (Chromebook, Windows, Mac, Linux) and communication software (FaceTime, Facebook, Microsoft Teams, Skype, Slack, Twitch, GoToMeeting, Zoom, OBS Studio, WhatsApp, Webex, YouTube).

4. SETUP

4.1 Initial Charging

Before first use, fully charge your headset. Place the headset on the charging station or connect it directly via the USB-C cable to a power source. A full charge takes approximately 2 hours.

Long Battery Life

supports up to 35 hours of continuous calls and
45 hours of continuous playback



2H

quick charging



35H

continuous calls



45H

continuous music

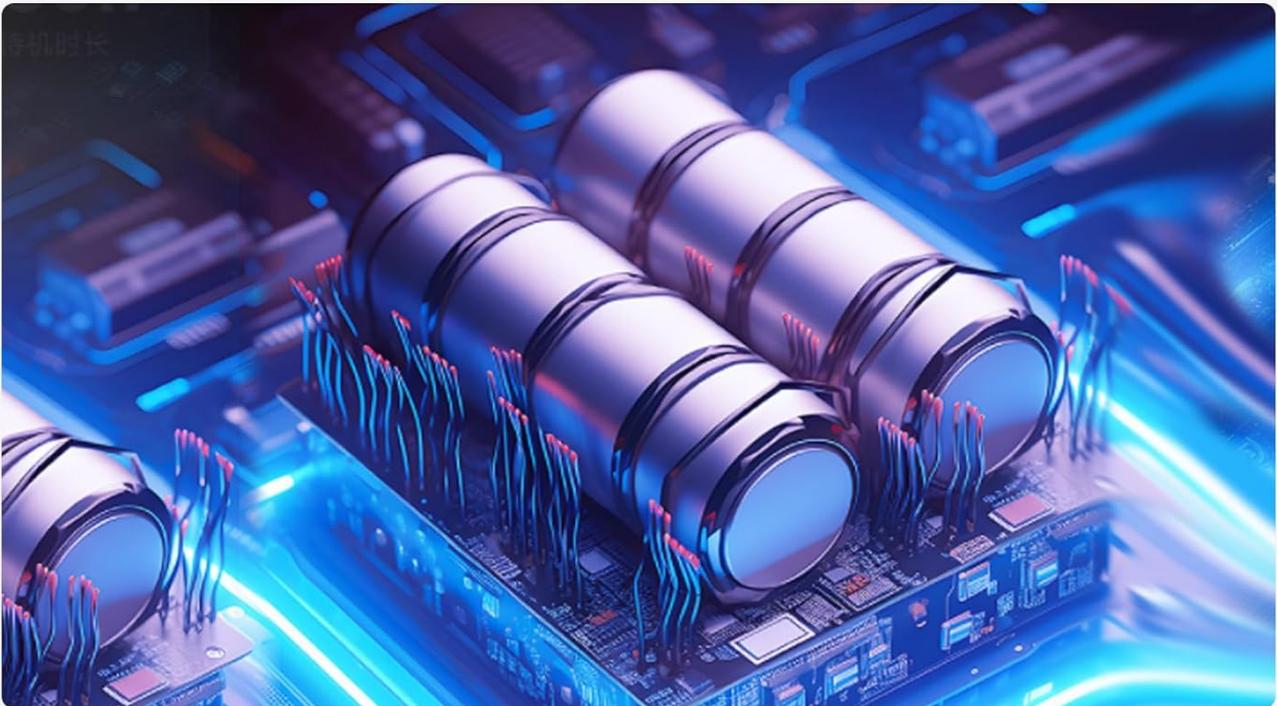


Image: Visual representation of the headset's battery performance, indicating 2 hours for quick charging, 35 hours for continuous calls, and 45 hours for continuous music playback.

4.2 Connecting to Devices

The HP31-D headset offers multiple connection options:

4.2.1 Via USB Dongle (Recommended for PC/Mac)

1. Insert the USB-A or USB-C dongle into an available port on your computer.
2. Power on the headset. It will automatically pair with the dongle.
3. Select "Nuroum HP31-D" as the audio input and output device in your computer's sound settings and conferencing application settings.

4.2.2 Via Bluetooth (for Mobile Devices, Tablets, etc.)

1. Ensure the headset is powered on and in pairing mode (usually indicated by a flashing LED).
2. On your device, go to Bluetooth settings and enable Bluetooth.
3. Select "Nuroum HP31-D" from the list of available devices to pair.

4. Once paired, the headset's LED will indicate a successful connection.

4.2.3 Multi-Point Connection

The headset supports connecting to two devices simultaneously (e.g., a computer via dongle and a smartphone via Bluetooth). To use this feature, pair the headset with both devices following the steps above. The headset will intelligently switch between audio sources.

Generous Bluetooth SOC with HiFi 4 DSP



Image: Diagram illustrating the headset's internal components like the HiFi 4 DSP Processor and Bluetooth 5.3 chip, alongside a visual of multi-point connection to a laptop and a smartphone.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

Press and hold the Power button for approximately 3 seconds to power on or off the headset.

5.2 Making and Receiving Calls

- **Answer/End Call:** Press the Call button once.
- **Reject Call:** Press and hold the Call button for approximately 2 seconds.
- **Mute/Unmute Microphone:** Press the Mute button on the earcup.
- **Adjust Volume:** Use the volume up/down buttons on the headset or your connected device.

The AI-Powered ENC Noise Cancellation actively reduces background noise, ensuring your voice is clear to the other party.

True AI-Powered ENC Noise Cancellation

Compressed neural network trained on millions of hours of noise is ported to the built-in HiFi 4 DSP processor to democratize environment noise cancellation (ENC) to suppress 99.9% of background noise, ensuring that your caller hears solely your voice, eliminating unwanted environmental sounds.



Image: Depiction of the AI-Powered ENC Noise Cancellation feature, showing users in different environments experiencing clear call quality despite background noise.

5.3 Audio Playback

- **Play/Pause:** Press the Play/Pause button once.
- **Next Track:** Press the Next Track button once.
- **Previous Track:** Press the Previous Track button once.

Enjoy up to 45 hours of continuous music playback on a single charge.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the headset and charging station. Do not use abrasive cleaners or solvents.
- **Storage:** When not in use, store the headset on its charging station or in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** To prolong battery life, avoid fully discharging the headset frequently. Charge it regularly.
- **Water Resistance:** The headset is not water-resistant. Avoid exposure to liquids.

7. TROUBLESHOOTING

7.1 No Power / Cannot Turn On

- Ensure the headset is fully charged. Place it on the charging station or connect it directly with the USB cable.
- Check the charging cable and power source for proper connection.

7.2 No Sound / Poor Sound Quality

- **Volume:** Increase the volume on both the headset and your connected device.
- **Connection:** Ensure the headset is properly connected via Bluetooth or USB dongle. For dongle connection, try unplugging and re-inserting the dongle.
- **Device Settings:** Verify that "Nuroum HP31-D" is selected as the default audio output device in your computer's sound settings or application settings.
- **Distance:** Ensure the headset is within the effective range of your connected device (typically up to 10 meters for Bluetooth).
- **Interference:** Move away from other wireless devices that might cause interference.

7.3 Microphone Not Working

- **Mute:** Check if the microphone is muted using the mute button on the headset.
- **Device Settings:** Verify that "Nuroum HP31-D" is selected as the default audio input device in your computer's sound settings or application settings.
- **Position:** Ensure the boom microphone is positioned correctly near your mouth.

7.4 Cannot Pair with Device

- Ensure the headset is in pairing mode.
- Disable and re-enable Bluetooth on your device.
- Remove "Nuroum HP31-D" from your device's list of paired Bluetooth devices and try pairing again.
- If using the dongle, ensure it is properly inserted and recognized by your computer.

8. SPECIFICATIONS

Feature	Detail
Model Name	HP31-D
Connectivity Technology	Wireless (Bluetooth 5.3), Wired (USB)
Wireless Communication Technology	Bluetooth

Noise Cancellation	AI-Powered ENC (Environmental Noise Cancellation)
Battery Life (Music Playback)	Up to 45 hours
Battery Life (Call Time)	Up to 35 hours
Charging Time	Approx. 2 hours
Compatible Devices	Computer, Laptop, Tablet, Mobile Phone
Control Method	Tactile buttons
Material	Plastic
Impedance	32 ohms
Special Features	Adjustable Headband, Rotatable Boom Mic, Multi-Point Connection
Water Resistance Level	Not Water Resistant

9. WARRANTY AND SUPPORT

Nuroom products are designed for reliability and performance. For any questions or support needs, please refer to the following:

- **Warranty:** This product comes with a 1-year warranty.
- **Customer Service:** Professional customer service is available for lifetime support.
- **Response Time:** Expect quick feedback within 24 hours for inquiries.

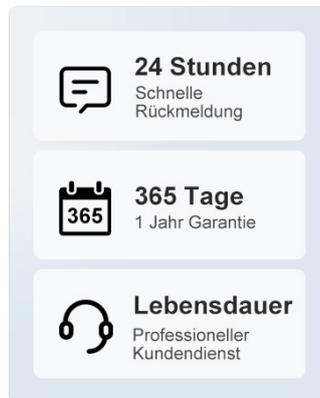


Image: Icons representing Nuroom's customer support commitments: 24-hour quick feedback, 365-day warranty, and lifetime professional customer service.

For further assistance, please visit the official Nuroom website or contact their customer support directly.