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## NUROUM HP31SU

# NUROUM HP31SU Wireless Headset User Manual

Model: HP31SU

## INTRODUCTION

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This manual provides instructions for the NUROUM HP31SU Wireless Headset. Please read this manual carefully before using the device to ensure proper operation and to maximize its performance. Keep this manual for future reference.

# 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: The NUROUM HP31SU Wireless Headset, a single-ear design with an adjustable microphone boom.

## PACKAGE CONTENTS

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Verify that all items are present in the package:

- 1x NUROUM HP31SU Headset
- 1x USB Charging Cable (Type-C)
- 1x USB-A Dongle
- 1x User Manual

## PRODUCT OVERVIEW

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Familiarize yourself with the headset's components and controls.



Image: Diagram illustrating the headset's controls, including Volume +/-, MFB (Multi-Function Button), Mute Button, and Power ON/OFF switch.

- **Power ON/OFF Switch:** Located on the earcup.
- **Volume Buttons:** Increase or decrease audio volume.
- **Multi-Function Button (MFB):** Used for answering/ending calls, rejecting calls, and media playback control.
- **Mute Button:** Mutes or unmutes the microphone.
- **Microphone Boom:** Rotates 250° for left or right-side wearing.
- **USB-C Port:** For charging and wired connection.

## SETUP

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### 1. Charging the Headset

Before first use, fully charge the headset. A full charge takes approximately 2 hours.

1. Connect the provided USB charging cable to the headset's USB-C port.
2. Connect the other end of the cable to a USB power source (e.g., computer USB port, USB wall adapter).
3. The LED indicator on the headset will show charging status and turn off when fully charged.

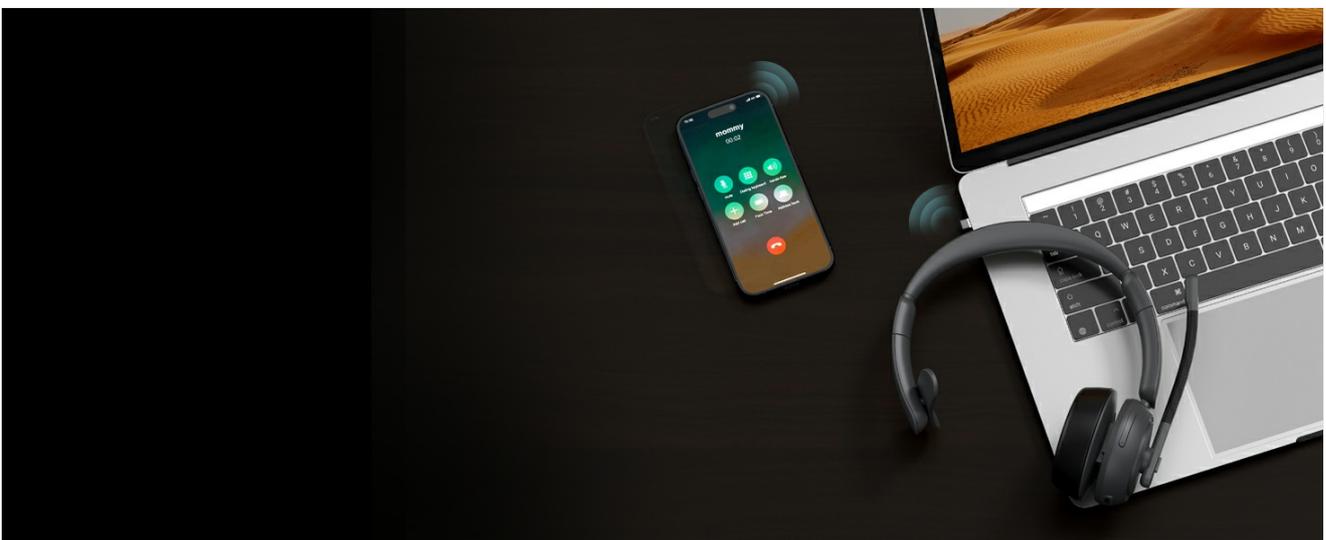


Image: Illustration of the headset's long battery life (35 hours talk, 45 hours music) and 2-hour quick charging capability.

### 2. Connecting the Headset

The HP31SU offers multiple connection options:



Image: Visual representation of the headset's universal compatibility and connection options: USB dongle, Bluetooth, and wired USB-C.

### Bluetooth Connection:

1. Turn on the headset by sliding the Power ON/OFF switch.
2. The headset will automatically enter pairing mode (LED will flash blue/red).
3. On your device (phone, tablet, computer), enable Bluetooth and search for "NUROUM HP31SU".
4. Select the headset to connect. The LED will turn solid blue when connected.

### USB Dongle Connection:

1. Plug the USB-A dongle into an available USB port on your computer.
2. Turn on the headset. It will automatically connect to the dongle.
3. The LED on the dongle and headset will turn solid blue when connected.

### Wired USB Connection:

If the headset battery is low or you prefer a wired connection, you can use the USB-C cable.

1. Connect the USB-C cable to the headset's USB-C port.
2. Connect the other end of the cable to a USB port on your computer.
3. The headset will function as a wired USB audio device.

## OPERATION

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### Call Management:

- **Answer/End Call:** Press the MFB once.
- **Reject Call:** Press and hold the MFB for 1 second.
- **Mute/Unmute Microphone:** Press the Mute button once.

### Music Playback:

- **Play/Pause:** Press the MFB once.
- **Next Track:** Press and hold the Volume + button for 1 second.
- **Previous Track:** Press and hold the Volume - button for 1 second.

## Multi-Point Connection:

The HP31SU supports simultaneous connection to two devices (e.g., computer and smartphone). This allows for seamless switching between calls on different devices.

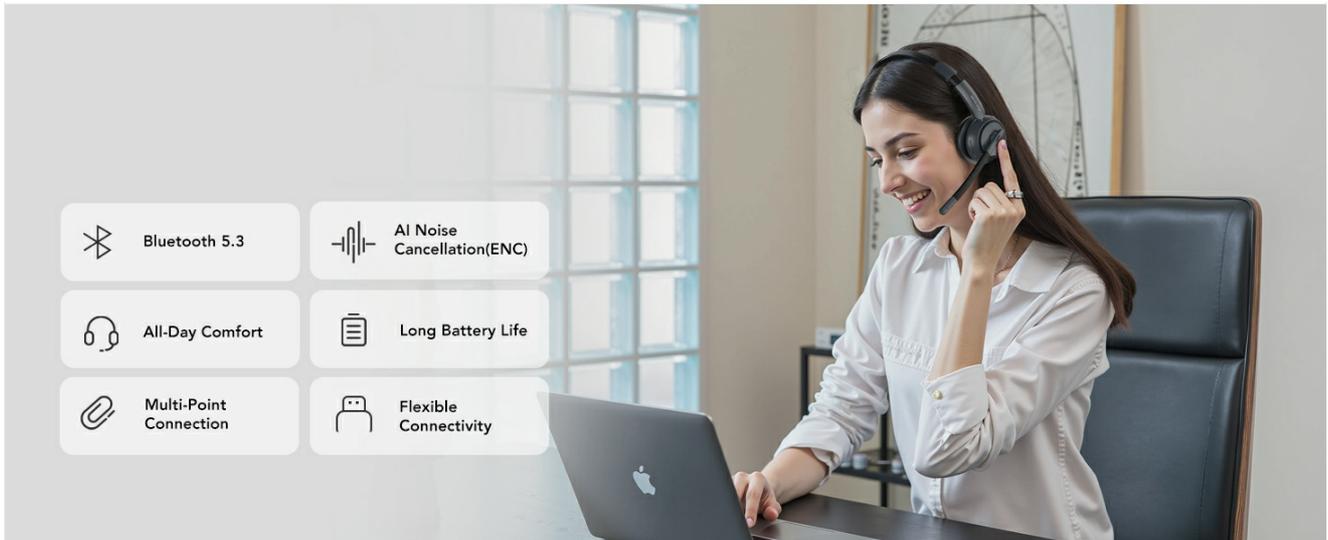


Image: The headset connected simultaneously to a laptop and a smartphone, demonstrating multi-point connectivity.

## KEY FEATURES

### AI-Powered ENC Noise Cancellation

The headset features AI-Powered Environmental Noise Cancellation (ENC) technology. Utilizing a HiFi4 DSP processor and a trained neural network, it suppresses up to 99.9% of background noise, ensuring your voice is clear to the listener even in noisy environments.



Image: A visual representation of the AI-Powered ENC Noise Cancellation feature, showing a user in a noisy environment having a clear conversation.

### Ergonomic Design and Comfort

Designed for extended wear, the HP31SU features pillow-soft ear cushions, a padded leather sling, and a stretchable headband. The 250° rotatable boom mic allows for flexible positioning, and 180° rotatable ear muffs accommodate various head shapes, minimizing pressure during prolonged use.



## Nuroom HP31SU One Ear Wireless Headset with Noise Cancelling Mics

Elevate your call experience with crystal-clear audio and enhanced convenience.

Image: Detailed views of the headset's ergonomic features, including 180° rotatable ear muffs, protein memory foam ear cushions, soft padded leather sling, and stretchable headband.

### COMPATIBILITY

The NUROUM HP31SU headset offers broad compatibility with various devices and platforms:

- **Operating Systems:** Windows, Mac, Linux, Android, iOS.
- **Devices:** PCs, Macs, Laptops, Cell Phones, Tablets.
- **Platforms:** Teams, Zoom, Webex, Google Meet, Skype, GoToMeeting, YouTube, TikTok, Twitch, Slack, OBS Studio, WhatsApp, FaceTime.

### SPECIFICATIONS

Feature	Specification
Model Name	AW-HP31SU
Connectivity Technology	Wireless (Bluetooth), Wired (USB)
Wireless Communication Technology	Bluetooth 5.3
Bluetooth Range	Up to 33 feet (10 meters)
Noise Control	AI-Powered ENC Noise Cancellation
Microphone	250° Rotatable Boom Mic
Battery Life (Talk Time)	Up to 35 hours
Battery Life (Music Playback)	Up to 45 hours
Charging Time	Approx. 2 hours
Earpiece Shape	On-Ear (Single Ear)
Item Weight	1.1 pounds (approx. 0.5 kg)
Manufacturer	Auditoryworks

## TROUBLESHOOTING

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If you encounter issues with your HP31SU headset, refer to the following common solutions:

- **No Power:** Ensure the headset is fully charged. Connect it to a power source using the USB-C cable.
- **Cannot Pair via Bluetooth:**
  - Ensure the headset is in pairing mode (LED flashing blue/red).
  - Turn off and on your device's Bluetooth.
  - Delete previous pairings on your device and try pairing again.
  - Ensure the headset is not connected to another device via multi-point.
- **No Audio/Poor Audio Quality:**
  - Check the volume levels on both the headset and your connected device.
  - Ensure the headset is selected as the audio output device in your system settings.
  - If using the USB dongle, ensure it is properly inserted and recognized by your computer.
  - If using a wired connection, ensure the USB-C cable is securely connected.
- **Microphone Not Working:**
  - Ensure the microphone is not muted (check the Mute button).
  - Verify the headset microphone is selected as the input device in your application (e.g., Zoom, Teams) and system settings.
  - Ensure the microphone boom is positioned correctly near your mouth.
- **Intermittent Connection:**
  - Move closer to your connected device to reduce interference.
  - Avoid obstacles between the headset and your device.
  - Ensure no other strong wireless signals are causing interference.

## OFFICIAL PRODUCT VIDEO

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Video: An official product video showcasing the NUROUM HP31DN/SN Wireless Headset, highlighting its features and use cases. This video is provided by the seller, NuroumGlobal.

## SAFETY INFORMATION

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Please observe the following safety guidelines:

- Do not expose the headset to extreme temperatures, humidity, or liquids.
- Avoid dropping or subjecting the headset to strong impacts.
- Do not attempt to disassemble or modify the headset. This may void the warranty and cause damage.
- Clean the headset with a soft, dry cloth. Do not use harsh chemicals or abrasive materials.
- Prolonged exposure to loud sounds may cause hearing damage. Adjust volume to a safe level.

## WARRANTY AND SUPPORT

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For warranty information or technical support, please refer to the contact details provided with your purchase documentation or visit the official NUROUM website. Keep your proof of purchase for warranty claims.

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