



NU31

NH1 PRO WIRELESS

user manual

Congrats on getting your hands on the flagship NU31 NH1 Pro Wireless gaming headset! We've poured our heart, energy, and years of experience into making this device. We listened to what gamers wanted, ran countless tests and tweaks, and spent over a year crafting the NU31 NH1 Pro Wireless just for you.

Inside, you'll find cutting-edge tech and a whole lineup of upgrades. We packed in a flagship sound chip for premium audio detail, made the ear cushions thicker and comfier (and yeah, we added two extra sets in the box), and gave the battery one of the biggest capacities out there — meaning 80+ hours of nonstop gameplay. And that's just the start — you'll discover the rest of the awesome features right here in this manual.

Thanks for believing in NU31 — it means the world to us! We know you'll love the NH1 Pro Wireless as much as we loved making it. Built with passion, just like we'd build it for ourselves.

Got questions about your order or the headset itself? Just hit up our support team at help@nu31.gg — we'll sort it out, no problem.

Download Software

Tech Support

MAIN PARTS

Volume up (next track)

Volume down (previous track)

Headset on/off (equalizer mode switch)

Microphone on/off (Dongle mode / Bluetooth switch)

Detachable microphone

Status and charge indicator

Type-C port for charging and wired connection

Here are a few tips to help extend the life of your new headset:

- Do not connect the headset to an electrical outlet or other high-voltage power sources. This may damage the device's circuit board and render the headset inoperable. We recommend charging the headset only from the USB port of your computer or laptop.
- Do not use the headset in wet environments (in the rain or during sports). If moisture gets into the headset, turn it off (disconnect) immediately and contact a service center.
- We strongly recommend using the supplied cable for wired connections.
- Keep your headset clean and take care of it regularly. This will help extend the life of your device.
- If you decide to replace the ear pads with the ones included in the set, we've designed the headset to accommodate this. Replacing the ear pads does not affect the warranty, so you can swap in the included pads without any problems and still retain your warranty.
- The warranty period is 12 months from the date of purchase. If you have questions or problems after the warranty expires, please contact our technical support team. We're happy to help resolve any issues, even after the warranty period has ended.
- Please take good care of your headset. We really aimed to make the NU31 NH1 Pro Wireless the best option and invested a lot of time, effort, and money into developing this new headset line. We built it the way we'd want to use it ourselves.

TECHNICAL SPECIFICATIONS

Speakers

Dimension 50mm

Sensitivity 112±3dB (1kHz at 1mW)

Impedance 320ohm

Frequency range 20Hz - 20 000Hz

Microphone

Dimension Ø6x2.7mm

Mic sensitivity -38±3dB

Mic impedance 2.2kOhm

Frequency range 50Hz-10 000Hz

Detachable Yes

Battery

Working hours 80 hours (volume at 70%)

Battery capacity 1050mAh

Cable interface Type-C

Additional Specifications

Connection type BT 5.3, USB

Connectors USB Type-C, 3.5mm (for the microphone)

Cable interface Type-C

Compatibility PC, MAC, smartphones, PS4/5, Switch

Weight 315g (excluding microphone and cable)

Purpose of product: Computer accessory Model: NH1 Pro Wireless Trademark: NU31

Connection type: USB, Dongle mode, BT

Product material: ABS, PET, metal

Package Contents: Headphones, microphone, 2 additional ear pads, 1.8-m., USB-A to Type-C cable, Type-C (Type-A) dongle, user manual, sticker

Additional information

Manufacturer: NU31 LTD, Office 3906, 39th, The Center, 99 Queen's Road Central, Central, Hong Kong

EU Importer: F5 Holding LTD Profitilias 4, Germasogeia, Limassol, Cyprus, 4046 E-mail: info@fs-holding.com Tel: +357 25 26 01 66

UA Importer: ТОВ "ФС Дистрибьюшн" вул. Чавдар Єлизавети, будинок 13, Н/П 394А, 02072, Київ, Україна. E-mail: distribution@fs-d.com.ua Tel: +38 044 592 4990

The importer is responsible for processing claims from buyers. Made in China.

U.S. Responsible Party (FCC): MIRAMONT SOLUTIONS LLC, 19 GEORGETOWN, IRVINE, CA 92612, USA. FRN0036313369. Phone: +1 (951) 401-3633, Contact Person: Wenyi Wang

USA Distributor: Nubi Limited

Date of manufacture: Indicated on the package Serial number: Indicated on the package

FCC ID: 2BWHR-NH1P

Rules and Conditions for Installation, Storage, Transportation, Sale, and Disposal

The device does not require any installation or permanent mounting.

The product must be stored in its packaging in heated rooms at the manufacturer's and consumer's premises at an air temperature of 5°C to 40°C and relative humidity of no more than 80%. There must be no aggressive impurities (acid or alkali vapors) in the rooms that could cause corrosion.

The device must be transported in a dry environment.

The device requires careful handling. Protect it from dust, dirt, impact, moisture, fire, etc.

The device must be implemented in accordance with local legislation.

The crossed-out wheeled bin symbol means that you must not dispose of this product with unsorted household waste. Electrical devices can contain harmful substances that may cause environmental damage or harm to your health if not disposed of correctly. Please dispose of these products separately. As the end user, you are required by law to dispose of used electrical equipment at an official recycling point. For information about local recycling points, contact your local authority, civic amenity site, or the business where you purchased this product. By disposing of electrical products at an official recycling point, you are helping ensure that equipment is recycled correctly and professionally, and our environment is protected. Whenever possible, remove any batteries before disposing of the device. Under the law, you risk penalties if you dispose of devices and batteries illegally.

FIRST POWER-UP AND CONNECTING WITH 2.4G

- Connect the receiver to a USB-A or USB-C port. The NU31 NH1 Pro Wireless receiver works with devices that have either Type-A or Type-C connectors.
- Turn on the headset by holding the power button for 3 seconds until you hear the power-on sound.
- All set! Your NU31 NH1 Pro Wireless headset is connected via Dongle and ready to use.

FIRST POWER-UP AND BLUETOOTH CONNECTION

- Turn on the headset by holding down the power button for 3 seconds until you hear the power-on sound.
- Double-click the «microphone on/off» button to switch the headset to Bluetooth mode. Wait for the mode switch sound.
- In the settings of the device you want to connect to, select the NU31 NH1 Pro Wireless headset.
- After successful pairing, you will hear the device paired sound. The NU31 NH1 Pro Wireless headset is connected.

- If pairing fails, press and hold the «on/off» button for 8 seconds. All previously connected Bluetooth devices will be reset. Then repeat starting from step 1.
- To switch back to Dongle mode, press the «microphone on/off» button twice again. You will hear the mode switch sound.

If you're having connection issues or questions, contact our tech support. We're happy to help.

FIRST POWER-UP AND WIRED CONNECTION

- Connect the headset to the device with the Type-C cable.
- Power on the headset by pressing and holding the power button for 3 seconds until you hear the power-on sound.
- Done! The headset is connected in wired mode. You can use the headset and charge it at the same time.

VOLUME AND MEDIA CONTROL

- Pause playback with a quick press of the power button, then press it again to resume.
- Skip to the next track by holding the volume up button for 2 seconds.
- Go back to the previous track by holding the volume down button for 2 seconds.

SWITCHING EQUALIZER MODES

- Double-press the headset power button to switch the equalizer mode.
- You'll hear the mode switch sound.
- The equalizer modes cycle as follows: Clear > Game > Bass > Vocal. Switching between modes is cyclical: after Vocal, Clear is activated again.

EQ

Clear – equalizer mode with a smooth, studio-monitor-like sound, high quality and detail. Great for most tasks, from gaming to audio work.

Game – equalizer mode designed mainly for gaming. We cut the lows and boost the mids to make footsteps easier to hear, while keeping explosions and gunshots from masking your position. The highs remain unchanged.

Bass – equalizer mode for bass lovers. It emphasizes the low frequencies, while mids and highs stay close to their default values.

Vocal – equalizer mode with more emphasis on high frequencies. We've raised the highs to make voices more expressive. The lows and mids remain unchanged.

If you want more detailed sound control, we recommend installing the NU31 software. It lets you adjust the EQ, microphone noise reduction, and many other headset features.

CALL MANAGEMENT

Important: Answering calls with the headset is only possible when it's connected via BT.

To answer a call, simply press the headset power button once (a quick press).

To reject a call, press the headset power button twice (in quick succession).

To end the call, press the headset power button once (during the call).

FCC Statement

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.

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

RF Exposure Information

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