SteelSeries 61520

SteelSeries Arctis Nova Pro Wireless Multi-System Gaming Headset User Manual

Model: 61520
Brand: SteelSeries

Introduction

This user manual provides comprehensive instructions for the SteelSeries Arctis Nova Pro Wireless Multi-System Gaming Headset. It covers setup, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your device.
The Arctis Nova Pro Wireless headset is designed to deliver premium high-fidelity audio with advanced features such as Active Noise Cancellation and the Infinity Power System, allowing for seamless multi-system connectivity across PC, PS5/PS4, Switch, and mobile devices.

What's in the Box

Verify that all components are present before proceeding with setup:

- SteelSeries Arctis Nova Pro Wireless Headphones with Retractable Microphone
- Dual Wireless Base Station
- 2 x USB-C to USB-A Cables
- 1 x 4-Pole 3.5 mm Audio Cable
- 2 x Lithium Ion Batteries (pre-installed or separate)



Image: The complete package including the Arctis Nova Pro Wireless headset, the compact Dual Wireless Base Station, and two hot-swappable batteries.

Setup Guide

Follow these steps to set up your Arctis Nova Pro Wireless headset with your preferred system.

1. Connecting the Base Station

The Dual Wireless Base Station serves as the central hub for your headset, managing connections and battery charging.

1. Connect one end of a USB-C to USB-A cable to the "USB 1" port on the Base Station.
2. Connect the USB-A end of the cable to an available USB port on your primary gaming system (PC, PS5/PS4, Switch dock).
3. For multi-system use, connect the second USB-C to USB-A cable from the "USB 2" port on the Base Station to another system.
4. Ensure the Base Station is powered on. The OLED display will illuminate.



Image: The Arctis Nova Pro Wireless system demonstrating multi-system connectivity, allowing seamless switching between a PlayStation 5, a PC, and a mobile device via Bluetooth.



Image: A typical gaming setup featuring the headset, base station, and a smartphone, illustrating the multi-system connection capability for simultaneous audio from different sources.

2. Initial Headset Pairing

The headset should automatically pair with the Base Station upon first power-on. If not, follow these steps:

1. Power on the headset by pressing and holding the power button until the LED indicator lights up.
2. On the Base Station, navigate to the "Pairing" menu using the control wheel.
3. Select "Headset" and follow the on-screen prompts to complete the pairing process.

3. Software Installation (PC/Mac)

For full customization and advanced features, install the SteelSeries GG software suite, including Sonar Audio Software, on your PC or Mac.

- Visit the official SteelSeries website to download the latest GG software.
- Install the software and follow the on-screen instructions.
- Sonar allows for Pro-grade Parametric EQ adjustments, AI-powered noise cancellation for the microphone, and 360° Spatial Audio customization.

Operating Instructions

Audio Features

The Arctis Nova Pro Wireless is equipped with advanced audio technologies for an immersive experience.

- **Premium High Fidelity Drivers:** Experience exceptional sound clarity and detail across all frequencies.
- **360° Spatial Audio:** Utilize Sonar Software to enable immersive surround sound, enhancing directional audio cues in games. Compatible with Tempest 3D Audio for PS5 and Microsoft Spatial Sound.
- **Active Noise Cancellation (ANC):** A specialized 4-mic hybrid system actively reduces ambient noise, allowing for deeper immersion.
- **Transparency Mode:** Toggle this mode to allow environmental sounds to pass through, enabling situational awareness without removing the headset. Levels are variable and adjustable.



Image: A user experiencing Active Noise Cancellation with the headset, illustrating the technology's ability to block out external distractions for focused audio.



Image: An internal view of the headset's Neodymium Magnetic Drivers, highlighting the components responsible for delivering high-fidelity audio and enabling 360° Spatial Audio.

Infinity Power System

The headset features a unique dual-battery system for continuous operation.

- One battery powers the headset while the other charges in the Base Station.
- When the active battery runs low, simply hot-swap it with the fully charged battery from the Base Station.
- This system ensures virtually no downtime during extended use.



Image: The Infinity Power System in action, demonstrating the hot-swappable battery design where one battery charges in the Base Station while the other is in use, ensuring uninterrupted power.

AI Powered Noise-Cancelling Microphone

The ClearCast Gen 2 microphone provides crystal-clear communication.

- Utilizes AI algorithms via Sonar Software to silence background noise.
- The microphone features a stealth retractable design, allowing it to be fully hidden within the earcup when not in use.



Image: A detailed view of the ClearCast Gen 2 microphone, highlighting its AI-powered noise cancellation capabilities and fully retractable design for seamless integration into the headset.

ComfortMax System

Designed for extended wear, the ComfortMax System ensures a comfortable fit.

- Features height-adjustable earcups to accommodate various head sizes.
- A flexible suspension band distributes weight evenly, reducing pressure points.



Image: The ComfortMax System, showcasing the height-adjustable earcups and flexible suspension band designed for optimal comfort during prolonged use.

Dual Audio Streams

Connect to two audio sources simultaneously.

- Play games using the lag-free 2.4GHz wireless connection.
- Simultaneously connect via Bluetooth for calls, Discord, music, or podcasts from a mobile device.

OLED Base Station Controls

The Base Station provides intuitive control over your audio experience.

- Navigate menus and adjust settings directly from the OLED display.
- Control EQ, volume, and ChatMix (game/chat audio balance) without interrupting your game.
- The Base Station also charges the spare battery for the Infinity Power System.

Maintenance

Proper maintenance ensures the longevity and performance of your headset.

- **Cleaning:** Use a soft, dry cloth to clean the headset and Base Station. For earcups, gently wipe with a damp cloth and mild soap if necessary, then dry thoroughly. Avoid harsh chemicals.
- **Storage:** Store the headset in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** Always keep one battery charged in the Base Station. If storing the headset for an extended period, ensure batteries are partially charged (around 50%) to preserve their lifespan.
- **Software Updates:** Regularly check for and install firmware updates via the SteelSeries GG software to ensure optimal performance and access to new features.

Troubleshooting

No Audio / Low Volume

- Ensure the headset is powered on and paired with the Base Station.
- Check the volume levels on the headset, Base Station, and your connected device (PC, console, mobile).
- Verify that the correct audio output device is selected on your system (e.g., "SteelSeries Arctis Nova Pro Wireless" in Windows Sound Settings).
- Confirm that the USB cables are securely connected to both the Base Station and your system.

Microphone Not Working

- Ensure the microphone is fully extended from the earcup.
- Check the microphone mute button on the headset.
- Verify that the correct microphone input device is selected on your system (e.g., "SteelSeries Arctis Nova Pro Wireless Microphone" in Windows Sound Settings or game chat settings).
- Check microphone levels in your system's sound settings and SteelSeries GG software.

Connectivity Issues

- **Interference:** The 2.4GHz wireless signal can be affected by other wireless devices. Try moving the Base Station away from Wi-Fi routers, cordless phones, or other strong wireless signals.
- **Re-pairing:** If the headset loses connection, try re-pairing it with the Base Station as described in the "Setup Guide" section.
- **Bluetooth Connection:** For Bluetooth issues, unpair and re-pair the headset with your mobile device. Ensure Bluetooth is enabled on your device.

Battery Not Charging

- Ensure the Base Station is powered on and connected to a working USB port.
- Verify that the battery is correctly inserted into the charging slot on the Base Station.
- Check the battery indicator on the Base Station's OLED display.

Technical Specifications

Feature	Specification
Model Name	Arctis Nova Pro Wireless
Connectivity Technology	USB, Bluetooth, Wi-Fi (2.4GHz Wireless)
Compatible Devices	PC, PS5/PS4, Switch, Mobile
Noise Control	Active Noise Cancellation
Frequency Response	10-40,000 Hz
Impedance	38 Ohm
Audio Driver Type	Dynamic Driver
Battery Life	Up to 44 Hours (with Infinity Power System)
Bluetooth Version	5.0
Item Weight	1.3 Kilograms (approx. 2.86 pounds)
Product Dimensions	7.58 x 7.37 x 3.44 inches
Manufacturer	SteelSeries
Country of Origin	China

Warranty and Support

SteelSeries products are backed by a limited warranty. For detailed warranty information, product registration, and technical support, please visit the official SteelSeries support website:

SteelSeries Support

You may also refer to the official user guide PDF provided by SteelSeries for additional details:

User Guide (PDF)

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for

conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question