

[Manuals.plus](#) /

› [NEARITY](#) /

› NEARITY HP20 Wired Headset User Manual

NEARITY HP20

NEARITY HP20 Wired Headset User Manual

Model: HP20

1. INTRODUCTION

Thank you for choosing the NEARITY HP20 Wired Headset. This manual provides detailed instructions on how to set up, operate, and maintain your headset, ensuring optimal performance and longevity. The HP20 is designed for clear communication and comfortable use across various platforms, including PC, Mac, and laptops.



Image: The NEARITY HP20 Wired Headset, showcasing its design and in-line controls.

2. PRODUCT OVERVIEW

2.1 Package Contents

- NEARITY HP20 Wired Headset
- USB-A to USB-C Adapter (integrated with cable)

2.2 Key Features

- **ECM+MEMS Noise Cancelling Microphones:** Dual microphone system designed to isolate your voice and reduce background noise for clear communication.
- **All-Day Comfort:** Features pillow-soft ear cushions and a padded headband for extended wear without discomfort.
- **In-Line Controls:** Easy access to volume adjustment, mute function, and call management directly on the cable.

- **USB-C/USB-A Plug and Play:** Simple connectivity to various devices via USB-A or USB-C (with adapter).
- **Wide Compatibility:** Works seamlessly with PC, Mac, laptops, tablets, and other USB-compatible devices.



Image: The HP20 headset showing the integrated USB-A and USB-C connectors for flexible connectivity.

3. SETUP

3.1 Connecting the Headset

1. Identify the correct USB port on your device (PC, Mac, laptop, tablet). The HP20 features a USB-A connector with an integrated USB-C adapter.
2. For USB-A ports: Plug the USB-A connector directly into an available USB-A port.
3. For USB-C ports: Ensure the USB-C adapter is engaged and plug the USB-C connector into an available USB-C port.

4. The headset is plug-and-play and should be automatically recognized by your operating system.

Flexible connectivity

The HP10 supports use on different devices such as laptops, tablets and mobile phones via 3 sockets USB-C, USB-A, 3.5mm jack plugin.



Image: The HP20 headset demonstrating flexible connectivity options with laptops, tablets, and smartphones via USB-C and USB-A.

3.2 Initial Audio Setup (Windows/macOS)

While the headset is plug-and-play, you may need to select it as the default audio device in your system settings or communication application.

- **Windows:** Go to Sound Settings (right-click on speaker icon in taskbar) and ensure "NEARITY HP20" is selected as the default Playback and Recording device.
- **macOS:** Go to System Settings > Sound > Output/Input and select "NEARITY HP20" for both.
- **Communication Apps (Zoom, Teams, Skype):** Within the application's audio settings, select "NEARITY HP20" for both your speaker and microphone.

4. OPERATING INSTRUCTIONS

4.1 Wearing the Headset

- Place the headset over your head with the ear cushions covering your ears.
- Adjust the headband by sliding the earcups up or down until they fit comfortably.
- Position the microphone boom on the left side of your face, approximately 1-2 inches from your mouth.



Image: The adjustable headband of the HP20 headset, allowing for a customized and comfortable fit.

4.2 Microphone Adjustment

The microphone boom can pivot up to 150 degrees, allowing you to position it optimally for voice capture or swing it out of the way when not in use.

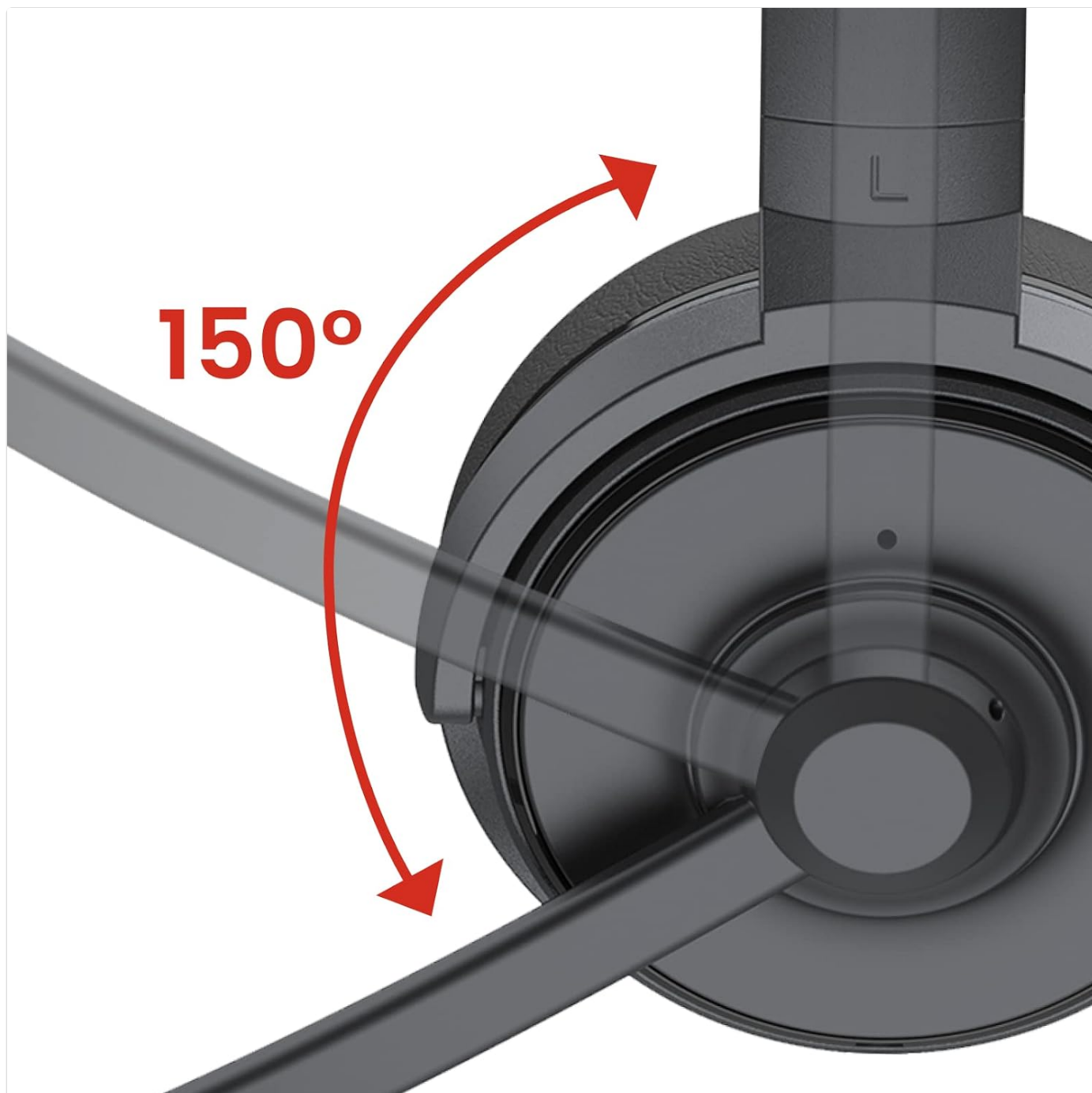


Image: Illustration of the microphone's 150-degree pivoting capability for flexible positioning.

4.3 In-Line Controls

The HP20 headset features convenient in-line controls for easy management of audio and calls:

Button/Action	Function
Play/Pause (1x press)	Play or pause audio playback.
Next Track (2x press)	Skip to the next audio track.
Previous Track (3x press)	Go back to the previous audio track.
Answer/End Call (1x press)	Answer an incoming call or end an active call.
Reject Call (2 sec press)	Reject an incoming call.
Volume +/-	Adjust the listening volume up or down.

Button/Action	Function
Mute On/Off (1x press)	Mute or unmute the microphone.

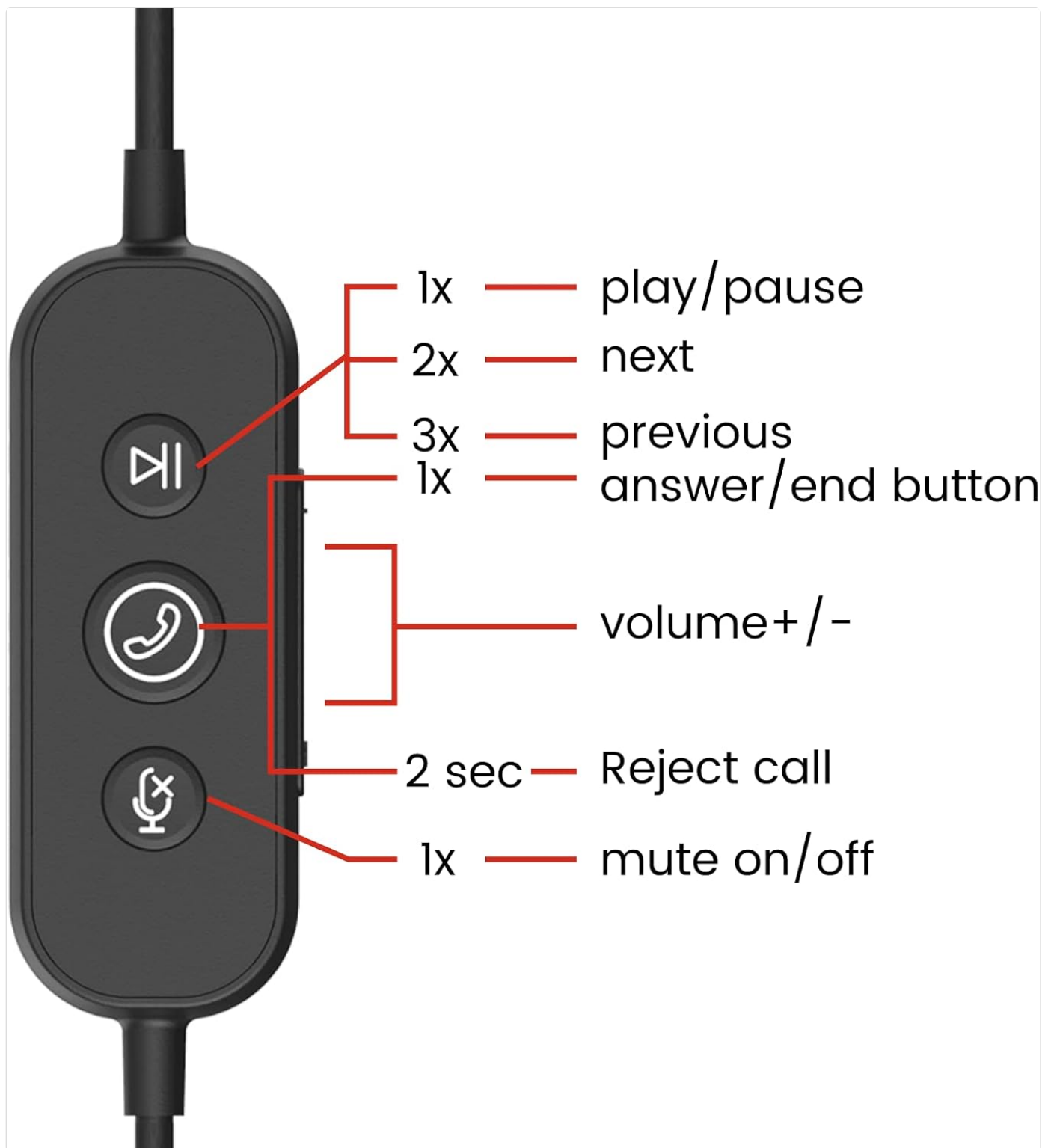


Image: Detailed diagram illustrating the functions of each button on the in-line control unit.

5. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to wipe down the headset and ear cushions. For stubborn dirt, a slightly damp cloth can be used, but ensure no moisture enters the speaker grilles or microphone.
- **Storage:** When not in use, store the headset in a clean, dry place away from extreme temperatures and direct sunlight.

- **Cable Care:** Avoid sharp bends or kinks in the cable to prevent internal damage. Do not pull the cable to disconnect the headset; always grasp the plug.

6. TROUBLESHOOTING

Problem	Possible Solution
No sound from headset.	◦ Ensure the headset is securely plugged into the USB port. ◦ Check your computer's sound settings to confirm "NEARITY HP20" is selected as the default playback device. ◦ Increase the volume using the in-line controls and your computer's system volume. ◦ Test the headset on another USB port or device.
Microphone is not working.	◦ Ensure the microphone is not muted using the in-line mute button. ◦ Check your computer's sound settings to confirm "NEARITY HP20" is selected as the default recording device. ◦ Verify microphone settings within your communication application (e.g., Zoom, Teams). ◦ Ensure the microphone boom is positioned correctly near your mouth.
In-line controls are unresponsive.	◦ Unplug and re-plug the headset. ◦ Restart your computer. ◦ Ensure the application you are using supports the headset's controls.
Background noise is still audible.	◦ Ensure the microphone is positioned correctly, close to your mouth. ◦ Verify that the noise-cancellation feature is active (it's an inherent feature of the mic, no on/off switch). ◦ Reduce ambient noise in your environment if possible.



Noise Cancelling MIC

Image: Visual representation of the noise-cancelling microphone effectively reducing background sound.

7. SPECIFICATIONS

Category	Specification
Model	HP20
Dimensions (H x W x D)	180 mm x 165 mm x 70 mm (7 in x 6.5 in x 2.7 in)
Net Weight	194 g (6.8 oz) / 13.6 ounces
Connectivity	USB-A, USB-C (via adapter)
Compatibility	Windows, macOS, Linux, PC, Mac, Laptop, Tablet, iOS (via USB-C)
Microphone Features	
Microphone Type	Dual microphone (One-element ECM omnidirectional & One-element MEMS omnidirectional)

Category	Specification
Noise Cancellation	Enhanced algorithm noise-cancellation
Microphone Sensitivity	-40dB@f=1kHz, Pin=1Pa, 0dB=1V/Pa + -38dBV/Pa 94dB SPL@1kHz
Microphone SNR	60dB@f=1kHz, Pin=1Pa, A-Weighted + 63dBV/Pa 94dB SPL@1kHz, A-weighted
Microphone Frequency Response	100Hz-10kHz + 20Hz-20kHz
Speaker Characteristics	
Rated Output Power	32Ω/10mW
Effective Frequency Range	20Hz~20kHz
Volume	118±2dB@1mW, 1kHz
THD	≤3%@1mW, 50Hz~10KHz



Conference Calls



Call Center



Online Courses



Live Streaming

Image: The HP20 headset being used in different scenarios, including conference calls, call centers, online courses, and live streaming.

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the NEARITY official website or contact their customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.

You can also visit the [NEARITY Store on Amazon](#) for more product information and support resources.

© 2023 NEARITY. All rights reserved.

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

Email

you@example.com

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