



Turn up the quiet

Dell Pro Premium Wireless ANC Headset

MODEL: WL7024

 Certified for
Microsoft Teams

zoom Certified



Exceptional excellence in communication

This premium headset features AI-based noise cancellation technology with Adaptive Active Noise Cancellation. Its advanced smart sensor technology anticipates your needs, ensuring high-quality and seamless interactions every time. Elevate your communication experience with the world's most intelligent wireless headset in its class*, where excellence meets every conversation.



Crystal clear audio

Immerse yourself in conversations with dual-directional AI-based noise cancellation technology and Adaptive active noise cancellation technology for uninterrupted clarity in any environment.



Purposefully designed

Crafted for all-day comfort, this premium over-the-ear headset boasts an adjustable leatherette headband, replaceable ear cushions¹, and an intelligent boomless microphone that allows you to communicate effortlessly.



Seamless collaboration experience

Certified for Microsoft Teams (Open Office) and Zoom, this headset ensures secure pairing² with Dell Pair³, personalized settings with Dell Display and Peripheral Manager or Dell Audio⁴, and comes with a 3-year Limited Hardware warranty and Advanced Exchange Service.⁵

* Based on internal analysis of publicly available data, July 2023

¹ Replacement ear cushions sold separately.

² Based on Dell Analysis, October 2022. For more details visit Guide to Bluetooth Security <https://nvlpubs.nist.gov/nistpubs/SpecialPublications/NIST.SP.800-121r2-upd1.pdf>

³ Dell Pair is available with select accessories, commercial & consumer PCs; availability and functionality vary by model. For more details visit [Dell.com/support/kbdoc/000201693](https://dell.com/support/kbdoc/000201693)

⁴ Dell Audio app is compatible with Android 11 and above, and iOS 14 and above. This app may not be available in your location. Please check availability in the app store.

⁵ Advanced Exchange Service: Dell will send you a replacement the next business day in most cases, if deemed necessary after phone/online diagnosis. Shipping times may vary by location.

Level up your productivity

Adaptive Active Noise Cancellation (ANC)

Dynamically adjusts noise cancellation to different surroundings for a focused listening experience

Leatherette headband and ear cushions

Adjustable headband and replaceable¹ memory foam cushions

Advanced Smart Sensor

Mutes/Pauses audio when headset is removed or by lifting either earcup

Boomless headset

Elevated aesthetic and creates a natural speaking experience

Powerful battery

USB-C charging dock for wireless charging, up to 80 hours of listening time³

Built-in, dual-directional AI-based noise cancellation

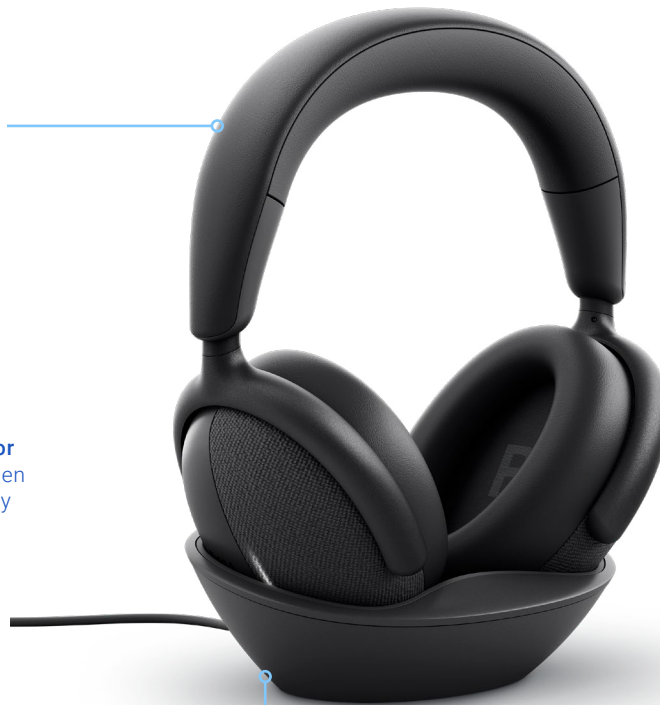
Distinguishes human speech signals from background noises with precision

Dell Display and Peripheral Manager / Dell Audio²

Customize an amazing range of preferred audio and device settings

Effortless connectivity

Multi-point connectivity with Bluetooth® 5.3 (Connects up to 8 devices, 2 simultaneously)



▶ [Click here to explore the Dell Pro Premium Wireless ANC Headset.](#)



Enhanced compatibility for seamless collaboration

Certified for Microsoft Teams (Open Office) and Zoom, and compatible with leading UC platforms.

Microsoft Teams Open Office qualification includes the strictest test on how the headset microphone suppresses surrounding noise and office conversation from multiple directions. This certification provides the ultimate assurance that the headset meets the premium microphone standard in an open office environment.

You can rely on this headset for a seamless collaborative experience.



¹ Replacement ear cushions sold separately.

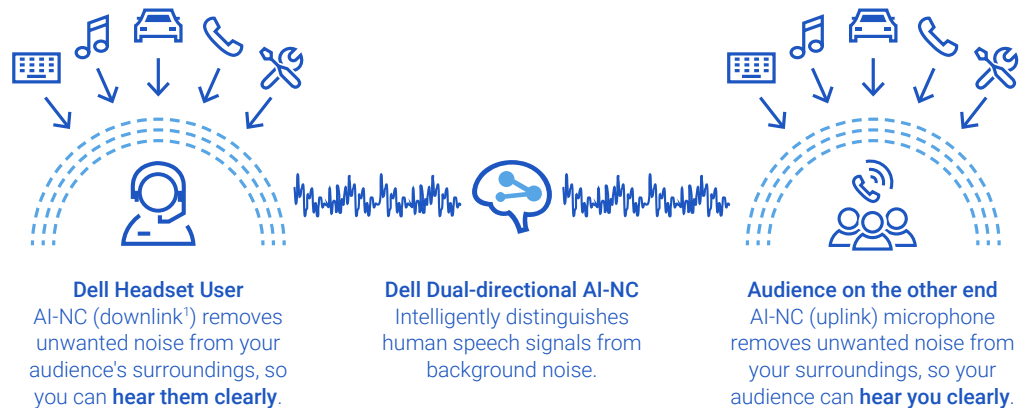
² Dell Audio app is compatible with Android 11 and above, and iOS14 and above. This app may not be available in your location. Please check availability in the app store.

³ Based on Dell analysis (busy light and ANC off mode) of battery life usage, January 2024. Results vary depending on use, operating conditions and other factors.

Elevate collaboration, amplify clarity

Hear and be heard clearly with AI-based noise cancellation (AI-NC)

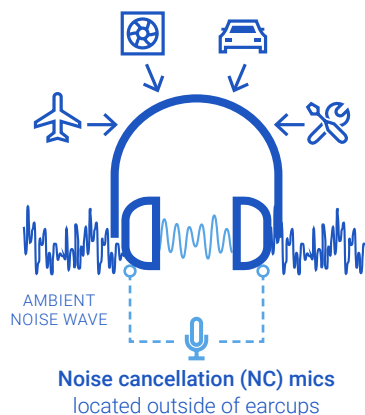
Our advanced AI-NC sets a new standard. While many headsets focus on one side of the conversation, our robust technology tackles both. It intelligently distinguishes human speech signals from background noise and filters out unwanted noise with precision, ensuring uninterrupted, crystal-clear communication for both you and your audience.



Focused listening with Adaptive Active Noise cancellation (ANC)

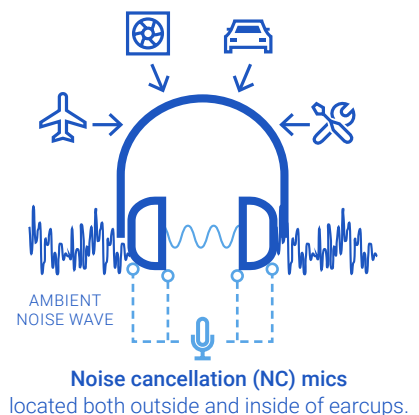
Adaptive Active Noise Cancellation (ANC) intelligently changes the levels of noise cancellation according to the surroundings, reducing environmental noise effectively in a variety of settings.

Established Industry Headset - with ANC



ANC
Enhances focus listening by reducing unwanted background noise.

Dell Pro Premium Wireless ANC Headset - with Adaptive ANC



Adaptive ANC
Dynamically adjusts to diverse surroundings for the most advanced noise cancellation, enhancing focused listening.

¹ Please enable the AI downlink noise cancellation feature via Dell Display and Peripheral Manager, Dell Audio or by triple tapping the touch control on the headset.



Personalize your settings

Enhance and personalize your audio experience with Dell Display and Peripheral Manager¹ or Dell Audio²

Set up is easy, with no need for lengthy install guides. The Dell Display and Peripheral Manager¹ instantly installs³ on your PC to quickly guide you to showtime. With this intuitive software, you can easily make changes to the audio and device settings with additional customization such as Audio Mode, Adaptive ANC control, Wear Detection Mode, Sidetone, Audio Output Preset, Busy Light, battery indicator and more.

Conveniently access your wireless headset control⁴ right from your smartphone and start enjoying clear communication and personalized preferences.

Download the Dell Audio app² from the Apple [App Store](#)[®] or [Google Play](#)[™] store.



¹ Dell Display & Peripheral Manager is compatible with Microsoft Windows 10, 11 and 11 on ARM operating systems only.

² Dell Audio app is compatible with Android 11 and above, and iOS14 and above. This app may not be available in your location. Please check availability in the app store.

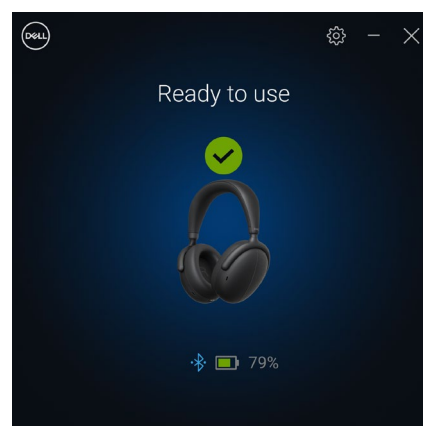
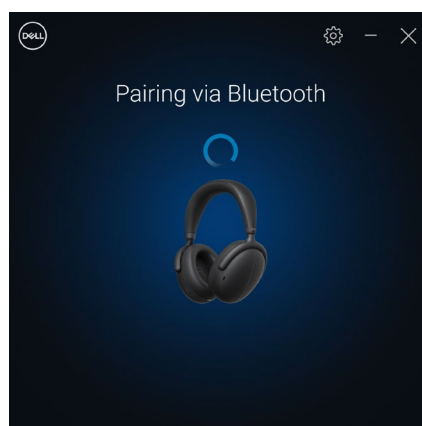
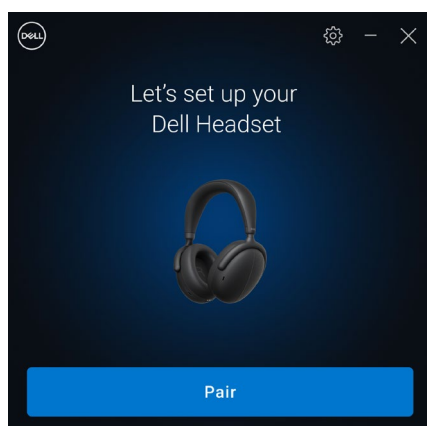
³ Manual installation may be required for some cases due to individual system security requirement.

⁴ Compatible with select Dell Wireless Headsets. For more information, visit Dell Audio Support page at www.dell.com/support.

Effortless connectivity



Pair your headset effortlessly using Dell Pair.¹ It is the simple and secure² way to connect your accessories. Your headset are detected automatically and can be paired with only one click.³



Dell Pro Premium Wireless ANC Headset is engineered to provide you with the best overall Intel® Evo™ laptop experience

Bluetooth® accessories Engineered For Intel® Evo™ laptops are selected and tested to provide exceptional audio experiences for work, learning, and play with high-fidelity music and movie sound, and crystal-clear audio collaboration.



¹ Dell Pair is available with select accessories, commercial & consumer PCs; availability and functionality vary by model. For more details visit [Dell.com/support/kbdoc/000201693](https://dell.com/support/kbdoc/000201693)

² Based on Dell Analysis, October 2022. For more details visit Guide to Bluetooth Security <https://nvlpubs.nist.gov/nistpubs/SpecialPublications/NIST.SP.800-121r2-upd1.pdf>

³ When accessory is in Bluetooth pairing mode.

UC Platform List

The table below highlights the button functions that work on the Dell Pro Premium Wireless ANC Headset when using the following UC platforms.*

UC platforms	Version	Mute/ Unmute	Answer Call	End Call	Reject Call	Volume Up	Volume Down	Speaker	Microphone
Cisco Webex	44.3.0.28993	✓**	✗	✗	✗	✓	✓	✓	✓
Cisco Jabber	14.3.1.58554	✓**	✗	✗	✗	✓	✓	✓	✓
AVAYA	4.38.1	✓**	✗	✗	✗	✓	✓	✓	✓
Google Meet	Web client	✓**	✗	✗	✗	✓	✓	✓	✓
Alcatel Lucent	2.130.6.0	✓**	✗	✗	✗	✓	✓	✓	✓
Amazon Chime	5.23.31831	✓**	✗	✗	✗	✓	✓	✓	✓
Go to Meeting	4.7.2	✓**	✗	✗	✗	✓	✓	✓	✓
Tencent (V00V)	3.20.4.510	✓**	✗	✗	✗	✓	✓	✓	✓

- ✓ Button function on the headset works with the UC Platform.
- ✗ Button function on the headset does not work with the UC Platform. User can access call control via the UC application Software UI.

* Tested on Window 11 64 Bit OS.

** Mute/Unmute function works independently. Status on the headset and apps are not synchronized.

FEATURE	TECHNICAL SPECIFICATION
MODEL	Dell Pro Premium Wireless ANC Headset - WL7024
SPEAKER SIZE	40mm
FREQUENCY RESPONSE	20Hz - 20kHz
FREQUENCY RESPONSE (MUSIC MODE)	20Hz - 20kHz
FREQUENCY RESPONSE (TALK MODE)	100Hz - 8kHz
SPEAKER DRIVER SENSITIVITY	116dB@ 1mW at 1kHz
NOISE CANCELLATION	Adaptive ANC
USER HEARING PROTECTION	Yes - EN50332
SPEAKER IMPEDANCE	32 Ohms
AI NOISE CANCELLATION	Dual Directional AI NC (Outgoing & Incoming audio ¹)
MICROPHONE TYPE	7 Mic, AINR (AI Noise Reduction), AIBF (AI beam forming) capable
MICROPHONE FREQUENCY RANGE	100Hz - 14kHz
MICROPHONE DIRECTION	Omni - Directional, AI Beam Forming
SENSITIVITY	-38dBV/Pa
SIGNAL-TO-NOISE RATION (SNR)	> 65 dB
MIC BOOM	Boomless
FORM FACTOR	Over-Ear
WEIGHT	297g
HEADSET DIMENSIONS	200 (L) x 198 (W) x 45 (H) mm
EAR CUSHION SIZE	99 (L) x 76 (W) x 23 (H) mm
HEADBAND MATERIAL	Leatherette + memory foam
EAR CUSHION MATERIAL	Leatherette memory foam cushions
STACKING/STOWING	Rotational fold
FAST CHARGING	Yes, charger not included. 15 min = approx. 12 hrs (listening, ANC & Busy light Off)
CHARGING DOCK	Yes (USB-C connection)
CHARGING MECHANISM	USB-C (plug in for fast charging), Charging dock
INPUT POWER (MIN/MAX)	2.5W/2.5W
HEADSET BATTERY CAPACITY	750mAh
BATTERY CHARGE TIME	<3 hrs to full
TALK/LISTENING TIME	Talk: Up to 28hrs (ANC Off & Busy light Off) Up to 26hrs (ANC On & Busy light Off) Listening time: Up to 80hrs (ANC Off & Busy light Off) Up to 60hrs (ANC On & Busy light Off)

FEATURE	TECHNICAL SPECIFICATION
CHARGING DOCK DIMENSIONS & WEIGHT	144 (L) x 99 (W) x 51 (H) mm Weight: 486g
WIRELESS CONNECTIONS	BT 5.3 w/ range up to 30 m/100 ft
WIRELESS RECEIVER	Yes, USB-C
WIRED CONNECTIONS	Detachable USB C-C (charging)
WIRED AUDIO	3.5mm audio input (1.2m)
CHARGING CABLE LENGTH	1.2m
USB ADAPTER	USB-A (male), USB-C (female)
FAST PAIRING	Windows Swift Pair
MULTI-POINT	Yes (Up to 8 devices, 2 simultaneous connections)
LE AUDIO READY	Yes (via firmware update)
TRANSPARENCY MODE	Yes (adjustable)
VOICE ASSISTANT (PASS-THROUGH) - MOBILE ONLY	iOS (Apple Siri), Android (Google Assistant, Samsung Bixby)
TELEMETRY	Yes
ANC MODE	Yes, Button
AI BEAMFORMING	Yes
HEAD SENSOR	Yes. Advanced Smart Sensor
USAGE/CALL LED INDICATORS	Double sided LED
BUTTON CONTROLS	Power On / Off / Bluetooth Pairing Mic Control (mute/unmute) ANC mode control button (on/off/transparency) Microsoft Teams button
TOUCH CONTROLS	Vol +/- Play/Pause Answer/End calls Reject incoming call Voice assistant Incoming audio noise cancellation on/ off ¹
CERTIFICATIONS	Microsoft Teams (Open Office) Certified Zoom Certified Engineered for Intel® Evo™ Certified
MOBILE APP	Dell Audio ² Mobile App (iOS/Android)
HARDWARE OS SUPPORT	Win11/10 64 Bit, macOS®
SOFTWARE SUPPORT	Dell Display and Peripheral Manager • Windows 10 build 17763 and above (x64-based) • Windows 11 (x64-based) • Windows 11 on ARM (arm64-based) Dell Audio ² for iOS and Android
PACKAGE CONTENT	Dell Pro Premium Wireless ANC Headset - WL7024, Wireless Audio Receiver, USB-A Adapter, USB-C to C charging cable, 3.5mm audio cable, Charging Dock with with USB-C plug, Carry case, Documentation
WARRANTY	3 Year Limited Hardware with Advanced Exchange Service ³
PART REPLACEMENT/ ACCESSORIES	Dell Pro Premium Headset Ear Cushions - HE724 Dell Wireless Audio Receiver - HR024

Complete your experience with accessories designed to make the most of your Dell Pro Premium Wireless ANC Headset.



Dell Pro Premium Headset Ear Cushions MODEL: HE724

Swap out your ear cushions with a fresh pair that easily attach into the ear cups for continued comfort and longevity for your headset.



Wireless Audio Receiver MODEL: HR024

Effortlessly replace and reconnect your headset for uninterrupted sound using this USB-C audio receiver.

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² Dell Audio app is compatible with Android 11 and above, and iOS14 and above. This app may not be available in your location. Please check availability in the app store.

³ Dell will send a replacement unit the next business day if deemed necessary after remote diagnosis. Find out more at www.dell.com/warranty.

Technical specifications subject to change without prior notice. Product availability varies by country. Please contact your Dell representative for more information.