



# Audio, on another level



Dell Pro Wireless ANC Headset | **WL5024**





## Uninterrupted communication for elevated collaboration

Elevate your workday with Dell Pro Wireless ANC Headset — Equipped with both AI-driven noise cancellation microphone and Hybrid Active Noise Cancellation technology, you will experience uninterrupted communication even in bustling environments. The smart sensor enables seamless control, muting conversations when both earcups are lifted and unmuting when lowered, allowing you to stay in sync effortlessly during calls.



### Crystal clear audio

Immerse yourself in conversations with our AI-based noise cancellation microphone and Hybrid active noise cancellation technology for uninterrupted clarity in any environment.



### Purposefully designed

Designed for all-day comfort, this headset features an adjustable leatherette headband, replaceable ear cushions<sup>1</sup>, and a quick-deploy discreet boom mic that allows you to communicate effortlessly.



### Seamless collaboration experience

Certified for Microsoft Teams (Open Office) and Zoom, this headset ensures secure pairing<sup>2</sup> with Dell Pair<sup>3</sup>, personalized settings with Dell Peripheral Manager or Dell Audio<sup>4</sup>, and comes with a 3-year Limited Hardware warranty and Advanced Exchange Service.<sup>5</sup>

<sup>1</sup> Replacement ear cushions sold separately.

<sup>2</sup> 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>

<sup>3</sup> 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)

<sup>4</sup> 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.

<sup>5</sup> 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

## Hybrid Active Noise Cancellation (ANC)

Reduces and blocks out unwanted environmental noise for a focused listening experience

### Smart Sensor

Mutes microphone/  
Pauses audio when  
headset is removed

### Powerful battery

Up to 78 hours of listening  
time<sup>1</sup> at full charge

### Leatherette headband and ear cushions

Adjustable headband  
and replaceable<sup>2</sup>  
memory foam cushions



Charging dock sold separately



### Discrete boom microphone

Flip the boom arm up/  
down to mute/unmute  
calls and tuck it away  
when not in use

### Built-in AI-based noise cancellation microphone

Distinguishes human  
speech signals from  
background noises  
with precision

### Dell Peripheral Manager / Dell Audio<sup>3</sup>

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 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 Based on Dell analysis (busy light and ANC off mode) of battery life usage model calculations assumption of an average use of 8 hours a day, Oct 2023. Results vary depending on use, operating conditions and other factors.  
2 Replacement ear cushions sold separately.  
3 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.

# Elevate collaboration, amplify clarity

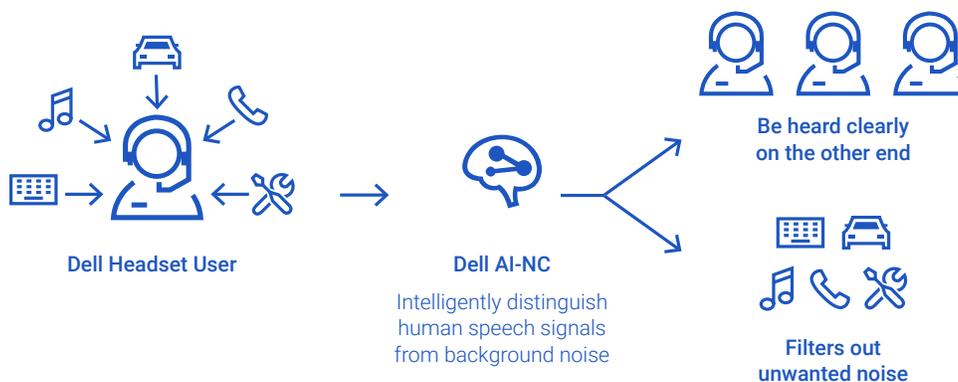
## Be heard clearly with the AI-based noise cancellation (AI-NC) microphone

Our robust AI processing intelligently distinguishes human speech signals from background noise and filters out unwanted noise with precision. This ensures that, no matter your surroundings, the person on the other end hears you clearly.

1 Identify

2 Filter

3 Listen

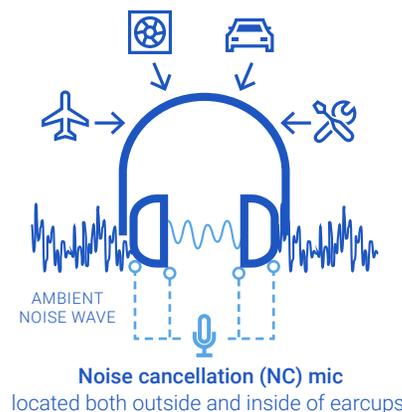
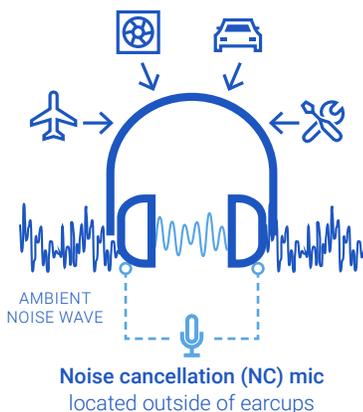


## Focused listening with Hybrid Active Noise Cancellation (ANC)

Elevate your listening experience with Hybrid ANC. This cutting-edge technology uses both internal and external microphones to cancel noise, delivering an optimal level of noise cancellation for heightened focus. Enjoy clear, uninterrupted audio for an undisturbed work or entertainment session.

Industry Headset - with ANC

Dell Pro Wireless ANC Headset - with Hybrid ANC



ANC

Enhances focus listening by reducing unwanted background noise.

Hybrid ANC

Combines internal and external noise canceling for an even more refined focus listening experience



## Personalize your settings

### Enhance and personalize your audio experience with Dell Peripheral Manager<sup>1</sup> or Dell Audio<sup>2</sup>

Set up is easy, with no need for lengthy install guides. The Dell Peripheral Manager<sup>1</sup> instantly installs<sup>3</sup> 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, Active Noise cancellation Mode, Wear Detection Mode, Sidetone, Audio Output Preset, Busy Light, battery indicator and more.

Conveniently access your wireless headset control<sup>4</sup> right from your smartphone and start enjoying clear communication and personalized preferences.

Download the Dell Audio app<sup>2</sup> from the Apple App Store<sup>®</sup> or Google Play<sup>™</sup> store.



<sup>1</sup> Dell Peripheral Manager is compatible with Windows 11 and Windows 10 (64-bit operating system or higher).

<sup>2</sup> 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.

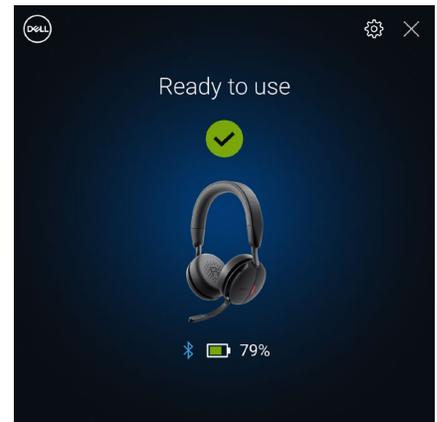
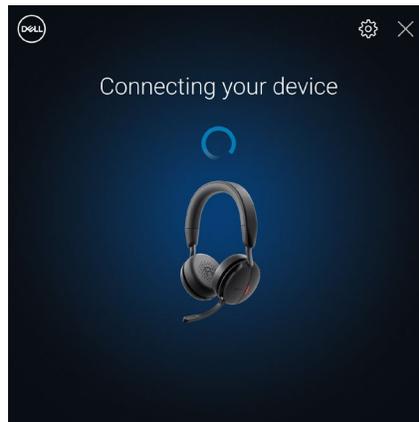
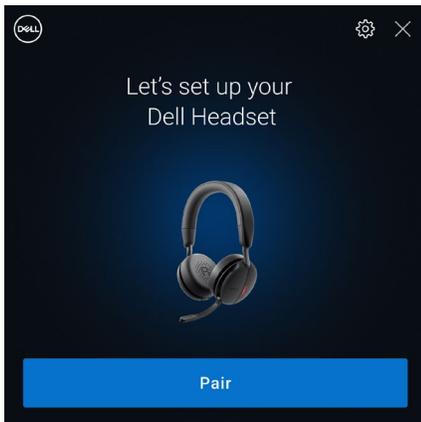
<sup>3</sup> Manual installation may be required for some cases due to individual system security requirement.

<sup>4</sup> Compatible with select Dell Wireless Headsets. For more information, visit Dell Audio Support page at [www.dell.com/support](http://www.dell.com/support).

# Effortless connectivity



Pair your headset effortlessly using Dell Pair.<sup>1</sup> It is the simple and secure<sup>2</sup> way to connect your accessories. Your headset are detected automatically via Bluetooth and can be paired with only one click.<sup>3</sup>



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](https://nvlpubs.nist.gov/nistpubs/SpecialPublications/NIST.SP.800-121r2-upd1.pdf)

3 When accessory is in Bluetooth pairing mode.

FEATURE	TECHNICAL SPECIFICATION
MODEL	Dell Pro Wireless ANC Headset - WL5024
SPEAKER SIZE	40mm
FREQUENCY RESPONSE	20Hz - 20kHz
FREQUENCY RESPONSE (MUSIC MODE)	20Hz - 20kHz
FREQUENCY RESPONSE (TALK MODE)	100Hz - 8kHz
SPEAKER DRIVER SENSITIVITY	120dB @ 1mW/1kHz
NOISE CANCELLATION	Hybrid ANC
USER HEARING PROTECTION	Yes - EN50332
AUDIO CODECS SUPPORTED	AAC (advanced audio coding), SBC, LC3
NOISE CANCELLATION (MICROPHONE)	AI Up-Link Noise Cancellation
MICROPHONE TYPE	5 total: 2 analog AI beamforming, and 4 Hybrid ANC (1 shared)
MICROPHONE FREQUENCY RANGE	100Hz - 14kHz
MICROPHONE DIRECTION	Uni-Directional, AI Beam Forming
SENSITIVITY	-45dBV/Pa
SIGNAL-TO-NOISE RATION (SNR)	55dB
MIC BOOM	100-130° rotation (Discreet, single sided, left)
FORM FACTOR	On-Ear
WEIGHT	219g
EAR CUP SIZE (DIAMETER)	70 (W) x 77 (H) mm
HEADBAND MATERIAL	Leatherette + memory foam
EAR CUSHION MATERIAL	Leatherette + memory foam cushions
FAST CHARGING	Yes (Plugged). 15 mins = approx 12 hrs (listening, ANC & Busy Light OFF)
DOCK	Yes (sold separately)
CHARGING MECHANISM	USB-C (plug in for fast charging), Dock (upsell)
HEADSET BATTERY CAPACITY	750 mAH
BATTERY CHARGE TIME	2.5 Hrs to Full
TALK/LISTENING TIME	Talk: Up to 34hrs (ANC & busy light off) Up to 20hrs (ANC & Busy light on)  Listening time: Up to 78hrs (ANC Off & busy light off) Up to 50hrs (ANC On & Busy light off)

FEATURE	TECHNICAL SPECIFICATION
WIRELESS CONNECTIONS	BT 5.3 w/ range up to 30 m/100 ft
WIRELESS ADAPTER (TEAMS' BT DONGLE)	Yes, USB-C
WIRED CONNECTIONS	Detachable USB C-C (charging)
CABLE LENGTH (WIRED INCL CONTROLLER)	1.5m
USB CONVERTER ADAPTER/DONGLE	USB-A (male), USB-C (female)
MULTI-HOST	Yes (Up to 8 devices (memory), 2 simultaneous connection)
LE AUDIO READY	Yes (via firmware upgrade)
TRANSPARENCY / AWARE 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. Conventional
USAGE/CALL LED INDICATORS	Double-sided, LED
BUTTON CONTROLS	Mute/unmute mic on earcup (Mutes when in discreet mode) Media (Long press to trigger Voice assistant) Volume +/- ANC modes Power On/Off (single press), BT Pairing (long press for BT pairing) MS Teams
CERTIFICATIONS	Microsoft Teams (Open Office) Certified Zoom Certified
MOBILE APP	Dell Audio <sup>2</sup> Mobile App (iOS/Android)
HARDWARE OS SUPPORT	Win11/10 64 Bit macOS <sup>®</sup>
SOFTWARE SUPPORT	Dell Peripheral Manager for Windows OS Dell Audio <sup>2</sup> for iOS and Android
PACKAGE CONTENT	Dell Pro Wireless ANC Headset - WL5024 USB-A Adapter Travel pouch User documentation/manual USB-C adapter (Teams) USB-C to C cable (Charging)
WARRANTY	3 Year Limited Hardware with Advanced Exchange Service <sup>2</sup>
PART REPLACEMENT/ ACCESSORIES	Dell Pro Wireless Charging Stand – HC524 Pro Wired/Wireless Headset Ear Cushions – HE524 Wireless Audio Receiver – HR024

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



### Dell Pro Wireless Charging Stand | HC524

Wirelessly charge your Dell Pro Wireless Headset with the charging stand that supports convenient rapid charging.



### Pro Wired/Wireless Headset Ear Cushions | HE524

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 | HR024

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

1 Based on Dell analysis (busy light and ANC off mode) of battery life usage model calculations assumption of an average use of 8 hours a day, Oct 2023. Results vary depending on use, operating conditions and other factors.

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](http://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.