HP Poly Mission 820 Stereo USB Wired Headset

*Product image may differ from actual product

Total clarity, total focus

Designed for professionals who expect every call to sound its best, the HP Poly Mission 820 headset gives you rich, focused sound. With advanced ANC and four-mic design, it keeps distractions out – and your voice front and center all day long.

Unmatched voice clarity

Stay focused on calls with the HP Poly Mission 820 headset – four noise-canceling mics, AI noise reduction[1] and feedback ANC keep distractions away.

Long lasting comfort

Plush earcups enhance ANC performance and a lightweight design deliver lasting comfort so you can focus.

Plug in, power through

Effortless USB Type-C® and USB Type-A compatibility, intuitive inline controls, and easy device management via HP Poly Studio App make setup simple and workflow smooth.

Featuring

AI noise reduction[1]

AI noise reduction[1] blocks background noise and keeps voices clear for focused conversations.

SoundGuard Digital[5]

SoundGuard Digital[5] limits loud bursts and keeps listening levels safe for longer calls.

Super wideband audio

Super wideband audio delivers clearer, more natural speech for clearer calls.

32 mm speaker drivers

Large 32 mm driver produces clear, balanced sound for more natural communication.

Rotatable microphone boom

Adjustable boom rotates to either side and mutes instantly when raised.

On-ear busy light indicator

Busy light illuminates red to signal active calls so others know you're not to be disturbed.

Sustainability in action

Designed with purpose

This headset is thoughtfully designed containing at least 25% post-consumer recycled plastic[2] and shipped in paper-based packaging[3].

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Specifications

Compatibility
Compatible operating systems: Windows 11; macOS; Chrome OS™; Android™; iOS

Appearance
Product colour: Black
Ear cushions: PU leather (surface material); Memory foam (padding material)
Headphone type: On-ear (stereo)
Cable length: 2 m

Connectivity and communications
Connection type: Wired: USB Type-C®, USB Type-C®/A adapter

User interface features
Button user controls: Mute/unmute; Volume +/-; Microsoft Teams; Call answer/ignore/end; ANC on/off
Indicator light: On call; On muted call; Incoming call; On hold call
Voice alerts: Volume maximum; Volume minimum; Mute on; Mute off; Muted; Incoming call; Call answer/ignore; Noise canceling off
Boom mic rotation: 285°
Rotate mic boom to mute: Yes

Audio
Audio features:
Microsoft Teams Open Office certified
Active noise cancellation (ANC)
AI enhanced transmit noise reduction
Super wideband audio
Acoustic protection technology: SoundGuard Digital[4]
Microphone type: Four-microphone AI noise reduction
Number of microphones: 4
Boom mic length: 130 mm
Microphone bandwidth: 50 Hz to 16 kHz
Speaker bandwidth: 20 Hz to 20 kHZ (multimedia mode)
Speaker size: 32 mm
Signal-to-noise ratio: >58 dB for Boom mic; >65 dB for capsule mic
Frequency response (microphone): 100 Hz to 16 kHz
Sensitivity (microphone): -35 ±3 (boom mic); -38±1 (capsule mic)
Sensitivity (speaker): 114.5 dB (1 W/1 m) +/- 2dB

Certifications
Certified collaboration software: Microsoft Teams certified; Google Meet certified; Works With Chromebook certified; Zoom Workplace Headset certified; Zoom Workplace Contact Center certified
TCO certified: TCO Certified, generation 10[3]

Environmental
Sustainable impact specifications: Paper-based packaging; At least 25% post-consumer recycled plastic[1,2]

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Specifications

Management software
HP Poly Studio App

Weight and dimensions
Weight: 164 g
Product dimensions: 175 x 180 x 40 mm
Package weight: 408 g
Package dimensions: 212 x 187 x 57 mm

Logistic information
Master carton quantity: 10
Master carton dimension: 595 x 20 x 23.2 cm
Master carton weight: 4.78 kg
Cartons per layer: 10
Layers per pallet: 6 (air); 8 (ground)
Cartons per pallet: 60 (air); 80 (ground)
Products per layer: 100 (air); 100 (ground)
Products per pallet: 600 (air); 800 (ground)
Pallet weight: 389.4 kg
Pallet dimensions: 121.9 x 101.6 x 152.4 cm (air); 121.9 x 101.6 x 199.2 cm (ground)

Additional information
UPC number: 199896093088
Product number: D16LSAA
Product name: HP Poly Mission 820 Stereo USB Wired Headset

Warranty
Poly standard two-year limited warranty

Country of origin
Vietnam

What is in the box
Headset
USB Type-C® to USB Type-A adapter
Carrying case
Quick start guide
Warranty card
Product notice

HP Poly Mission 820 Stereo USB Wired Headset

Footnotes

Messaging Footnotes

[1] On-device AI reduces typical background noises, allowing the user to be heard clearly improving the overall user experience.
[2] Post-consumer recycled plastic is expressed as a percentage of the total weight of plastic.
[3] HP paper-based packaging is reported by suppliers as recycled or certified, with a minimum of 97% by volume verified by HP. Packaging includes box and inserts.
[4] TCO Certified is a ISO 14024 Type 1 sustainability label for IT products. Compliance with all criteria is independently verified.
[5] HP Poly SoundGuard Digital includes G616 anti-startle protection which limits the noise level to below 102 dB SPL and is compliant to the Australian Communications Industry Forum (ACIF) G616 recommendation; HP Poly owned proprietary Advanced Audio Limiter, compliant to ACIF G616; and Average Daily Noise Exposure that measures and controls sound to prevent the Average Daily Noise Exposure from exceeding 80 dBA or 85 dBA time-weighted average (TWA). HP Poly Studio App is required to enable SoundGuard Digital features. HP Poly SoundGuard protects against Acoustic Shock by limiting sounds to below 118 dBA. This feature is enabled by default and is not a user configurable feature.

Technical Specifications Footnotes

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