DATASHEET

# HyperX Cloud Alpha 2 - Wireless Gaming Headset

## 250 HOURS OF OUTCLASSING THE COMPETITION.

Stay immersed, hear and control every detail, and maximize your performance with the HyperX Cloud Alpha 2 Wireless. Designed to never take you out of your game with industry-leading 250 hours[2] of battery life, meaning fewer interruptions and more playtime, 2x longer battery life than competitors' gaming headsets[4]. The multi-layer 53mm dual-chamber drivers provide immersive, high-fidelity sound with deep bass and crisp highs, ensuring you never miss a single in-game cue. The customizable RGB base station acts as your command center, letting you fine-tune your audio settings, adjust volume, and switch between devices seamlessly. This is the first reprogrammable RGB Base Station on a wireless gaming headset[5]. Whether gaming, streaming, or multitasking across devices, the HyperX Cloud Alpha 2 Wireless delivers superior performance, comfort, and innovative control to keep you ahead of the competition. It redefines gaming audio with simultaneous 2.4GHz and Bluetooth[1] connectivity, allowing you to seamlessly listen to music, podcasts, or take calls on your phone while fully immersed in your game on PC or console.



## Key features

### Up to 250 Hours[2] of Battery Life on a Single Charge

Enjoy up to 250 hours[2] in 2.4GHz mode or 125 hours[2] with simultaneous connection, keeping you powered for marathon sessions without interruptions. 2x longer battery life than competitors' gaming headsets[4].

### Customize Your Setup with an included RGB Base Station

The RGB Base Station is an audio control hub featuring customizable RGB lighting, programmable buttons and macros, seamless device switching, and onboard controls, ensuring a smooth and uninterrupted gaming experience. This is the first reprogrammable RGB Base Station for a wireless gaming headset. [5]

### Tune and optimize with HyperX NGENUITY[3]

Do even more with HyperX NGENUITY[3], giving you more options to play around with and personalize like EQs, audio controls, and lighting controls.

### Durable Metal Frame

Built to last with a steel headband and aluminum forks to withstand long-term use.

### Multi-layer 53mm Dual Chamber Drivers with Spatial Audio by HyperX NGENUITY[3]

Experience premium, high-fidelity sound with our HyperX multi-layer composite design and 53 mm drivers - engineered to reduce distortion to the lowest level. And HyperX NGENUITY[3] gives you spatial audio that immerses you in the game with pinpoint accuracy for every sound.

### Simultaneous 2.4 GHz and Bluetooth[1] Connections

Stay connected without interruptions—game with low latency 2.4 GHz performance on one device via USB-C or USB-A while handling calls or music with Bluetooth[1] on another.

### Signature HyperX Comfort

Breathable microfiber earpads and a memory foam headband ensure all-day comfort with 90° rotating earcups for a perfect fit.

### Ultra-Clear and Convenient Communication

The versatile detachable 10mm boom mic features an LED mic mute indicator and a built-in mesh filter to capture high-quality audio for clear voice chat and calls. Use the boom mic in both 2.4 GHz and Bluetooth[1] modes for optimal mic performance or go boomless for convenience.





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| Product Names | **Product name**: HyperX Cloud Alpha 2 - Wireless Gaming Headset |
| Product Numbers | **Product number**: AJ5C7AA |
| Appearance | **Product Primary Color**: Black;<br>**Frame type**: Stainless steel; aluminum forks |
| Battery and Power | **Battery life**: Up to 250 hoursAdapter Mode (2.4GHz Wireless);<br>**Impedance**: 64 Ω;<br>**Battery type**: Rechargeable Li-ion polymer |
| Compatibility | **Compatibility statement**: PC, PS5, PS4, Switch, Mac, Mobile, Xbox (3.5mm Connection Only) |
| Connectivity and communications | **Wireless range**: Up to 20 m;<br>**USB specification**: USB 2.0 Type-A;<br>**USB audio format**: Stereo playback; mono microphone;<br>**Wireless type**: Bluetooth®;<br>**Bluetooth version**: 5.2;<br>**Supported bluetooth codecs**: SBC; MPEG-2; AAC-LC;<br>**Supported bluetooth profiles**: A2DP; AVCTP; AVRCP; RFCOMM; GAVDP; HFP; SPP; IOPT; DID; HSP |
| Drives | **Driver**: Dynamic, 53 mm with neodymium magnets;<br>**Driver type**: Dynamic, 53 mm |
| Multimedia and input devices | **Cable length (metric)**: 1.5 m ;<br>**Total harmonic distortion**: ≤ 2%;<br>**Connection type**: 3.5 mm;<br>**Frequency response (headphone)**: 20 Hz to 20 kHz;<br>**Sensitivity (headphone)**: 96 dB SPL/ mW at 1 kHz;<br>**Audio controls**: Volume; multifunction button; mic mute/mic monitoring; wireless mode switch;<br>**Ear cushions**: Microfiber ear pads;<br>**Cable type**: USB-C to USB-A cable, (0.5 m) USB-C to USB-A cable, (1.5 m) 3.5 mm headset audio cable;<br>**Charge time**: 6 hours;<br>**Frequency response (microphone)**: 100 Hz to 10 kHz;<br>**Sampling rates**: 96 kHz; 48 kHz (Stereo and 7.1 surround);<br>**Bit-depth**: 16-bit; 24-bit;<br>**Boom mic element**: Electret condenser microphone;<br>**Built-in mic element**: MEMS;<br>**Boom mic polar pattern**: Uni-directional;<br>**Built-In mic polar pattern**: Omnidirectional;<br>**Built-in mic frequency response**: 100 Hz to 10 kHz;<br>**Boom Mic Sensitivity**: -42 dBV (0 dB=1 V/ Pa,1 kHz);<br>**Built-in mic sensitivity**: -40 dBV (0 dB=1 V/ Pa, 1 kHz);<br>**Microphone type**: Boom microphone; Built-in (on ear);<br>**Audio connection**: Wireless USB Type-C; Bluetooth®; 3.5mm headset audio cable |
| System Components | **Form factor**: Over-ear (circumaural); closed back |
| Weight | **Metric**: Headset: 345 g; Base station: 178 g; Boom mic: 12 g. |
| What is in the box | Wireless Gaming Headset, Base Station, Detachable Microphone, USB-C to USB-C Cables, USB-C to USB-A Adapter, 3.5 mm Headset Audio Cable, Quick Start Guide |
| Manufacturer Warranty | 2 years |

## MESSAGING FOOTNOTES

[1] Bluetooth is a trademark owned by its proprietor and used by HP Inc. under license.
[2] Tested at 50% headphone volume, continuous playback. Actual battery life will vary with use, and maximum battery capacity will naturally decrease with time and usage.
[3] HyperX NGENUITY legacy software is available for Windows 10+. Newer versions of NGENUITY software are available for Windows 11+ and available for downloaded on HyperX.com.
[4] Based on HP's internal analysis of all wireless boom mic gaming headsets with low latency marketed for gamers as of 08/2025. Up to 250 hours of battery life is measured using 2.4GHz on a single charge. Tested at 50% headphone volume, continuous playback. Actual battery life will vary with use and maximum battery capacity will naturally decrease with time and usage.
[5] Based on HP's internal analysis of all headsets featuring RGB lighting and 6 customizable buttons marketed for gaming as of 08/14/2025. A Base Station, sometimes referred to as a charging dock, charging station, or control hub, is defined as an external device that acts as a central hub for wireless communication and audio processing.

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