



HyperX Cloud Alpha 2 - Wireless Gaming Headset (AJ5C7AA)

Overview

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.

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]

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.

^[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 download 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.

Specifications

Form factor	Over-ear (circumaural); closed back
Weight	Headset: 345 g; Base station: 178 g; Boom mic: 12 g.
Weight	Headset: .76 lb; Base station: .39 lb; Boom mic: .026 lb.
Battery life	Up to 250 hours
Manufacturer Warranty	2 years
What's 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

Additional specifications

Audio connection	Wireless USB Type-C; Bluetooth®; 3.5mm headset audio cable
Audio controls	Volume; multifunction button; mic mute/mic monitoring; wireless mode switch
Battery type	Rechargeable Li-ion polymer
Bit-depth	16-bit; 24-bit
Bluetooth version	5.2
Boom Mic Sensitivity	-42 dBV (0 dB=1 V/ Pa,1 kHz)
Boom mic element	Electret condenser microphone
Boom mic polar pattern	Uni-directional
Built-in mic polar pattern	Omnidirectional
Built-in mic element	MEMS
Built-in mic frequency response	100 Hz to 10 kHz
Built-in mic sensitivity	-40 dBV (0 dB=1 V/ Pa, 1 kHz)
Cable length	1.5 m
Cable length (imperial)	4.92 ft
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
Charge time	6 hours
Color	Black
Compatibility	PC, PS5, PS4, Switch, Mac, Mobile, Xbox (3.5mm Connection Only)
Connection type	3.5 mm
Connectivity	Wireless
Datasheet photo 1	https://prismgui-int.inc.hplicorp.net/PRO.Crystal.1/DAMHandler/Accessories/HyperX_Cloud_Alpha_2_Wireless_AJ5C7AA_angle_4.png
Datasheet photo 2	https://prismgui-int.inc.hplicorp.net/PRO.Crystal.1/DAMHandler/Accessories/HyperX_Cloud_Alpha_2_Wireless_AJ5C7AA_angle_3.png
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Datasheet photo 5	Publication logos/HyperX_header_bydefault.png
Driver	Dynamic, 53 mm with neodymium magnets
Driver type	Dynamic, 53 mm
Ear cushions	Microfiber ear pads
Frame type	Stainless steel; aluminum forks

Frequency response (headphone)	20 Hz to 20 kHz
Handle	hyperx-cloud-alpha-2-wireless-gaming-headset
Impedance	64 Ω
KSP 09 supporting point 01 (long)	Take command of your audio experience with intuitive controls including a wireless mode selector, volume wheel, mute button, and multi-function button for convenient media playback and call management.
Microphone type	Boom microphone; Built-in (on ear)
Published	draft
Sampling rates	96 kHz; 48 kHz (Stereo and 7.1 surround)
Sensitivity (headphone)	96 dB SPL/ mW at 1 kHz
Status	FALSE
Supported bluetooth codecs	SBC; MPEG-2; AAC-LC
Supported bluetooth profiles	A2DP; AVCTP; AVRCP; RFCOMM; GAVDP; HFP; SPP; IOPT; DID; HSP
Total harmonic distortion	$\leq 2\%$
UNSPSC code	52161514
USB audio format	Stereo playback; mono microphone
USB specification	USB 2.0 Type-A
Wireless range	Up to 20 m
Wireless type	Bluetooth®

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