

Technical specifications

Microsoft Modern USB-C Speaker

Dimensions	Length: 5.43" (138 mm) Width: 2.756" (70 mm) Depth: 1.142" (29 mm)	Compatibility	Windows 10, Windows 8/8.1, Mac OS X 10.15, Mac OS 11.0
Weight	Approximately 0.426 lbs. (191 g)	Buttons/controls	Microsoft Teams button, Mute button, Volume up button, Volume down button, Hook Switch button
Exterior	Color: Matte Black Materials: Fabric + Silicone	Inputs	USB-C® connector
Frequency response	200Hz–20kHz for music playback 300Hz–10kHz for conference	Microphone	Two omnidirectional microphones
Speaker	50 mm full range driver	What's in the box	Microsoft Modern USB-C Speaker, carrying case, quick start guide, safety and warranty documents
Sound pressure level output	Up to 83 dB SPL (1kHz@0.5m via cable connector with power on)	Certified for Microsoft Teams details	Pass 1.5 m conference room spec
Cable length	26.9" (680 mm)	Warranty	1-year limited hardware warranty ⁹



* Software license required for some features. Sold separately.

¹ Microsoft Surface Headphones 2+ require use of the included Microsoft Surface USB Link to achieve Microsoft Teams certification, only available on Windows and macOS.

² Microsoft Surface Headphones 2+: Voice calling testing conducted by Microsoft in Feb 2021 using prerelease Surface Headphones + Dongle package with prerelease software. The dongle was plugged into Surface Laptop 3 and/or Surface Pro 7. Volume was set to 52% with maximum noise cancellation. Bluetooth Hands-Free profile was used. Testing consisted of full Surface Headphones battery discharge with a Microsoft Teams call until the Surface Headphones disconnected from the host device. Battery life depends on device settings, environment, usage, and many other factors.

³ [Find out more](#) about Microsoft Surface Headphones 2+ voice interactions with Microsoft 365 apps. Voice controls vary by operating system.

⁴ Microsoft Modern Wireless Headset: Music: Testing conducted by Microsoft on March 2021 using Microsoft Modern Wireless Headset with firmware update 1.37.129 paired with Surface Pro 3. Playlist consisted of 44 songs transmitted using SBC encoding. Volume was set to 50%. Bluetooth A2DP profile was used. Testing consisted of full Microsoft Modern Wireless Headset battery discharge while playing audio until the Microsoft Modern Wireless Headset disconnected from the host device. Battery life depends on device settings, environment, usage, and many other factors.

⁵ Microsoft Modern Wireless Headset: Voice: Testing conducted by Microsoft on March 2021 using Microsoft Modern Wireless Headset at peak power consumption (mA) conditions on a Microsoft Teams call. These conditions for Microsoft Modern Wireless Headset are when 100% of usage is muted, and both the red and white LEDs are lit at the same time.

⁶ Microsoft Surface Headphones 2+: Music listening testing conducted by Microsoft in Feb 2021 using prerelease Surface Headphones + Dongle package with prerelease software. The dongle was plugged into Surface Laptop 3 and/or Surface Pro 7. Playlist consisted of 44 songs transmitted using SBC encoding. Volume was set to 46% with maximum noise cancellation. Bluetooth A2DP profile was used. Testing consisted of full Surface Headphones battery discharge while playing audio until the Surface Headphones disconnected from the host device. Battery life depends on device settings, environment, usage, and many other factors.

⁷ Microsoft Surface Headphones 2+: USB-A to USB-C® adapter should work for a C-capable source. Performance varies based on the quality of the adapter and the cable length.

⁸ Microsoft Surface Headphones 2+: AptX™ only works with Microsoft Surface Headphones 2+ when not using Microsoft Surface USB Link.

⁹ Microsoft's Limited Warranty is in addition to your consumer law rights.