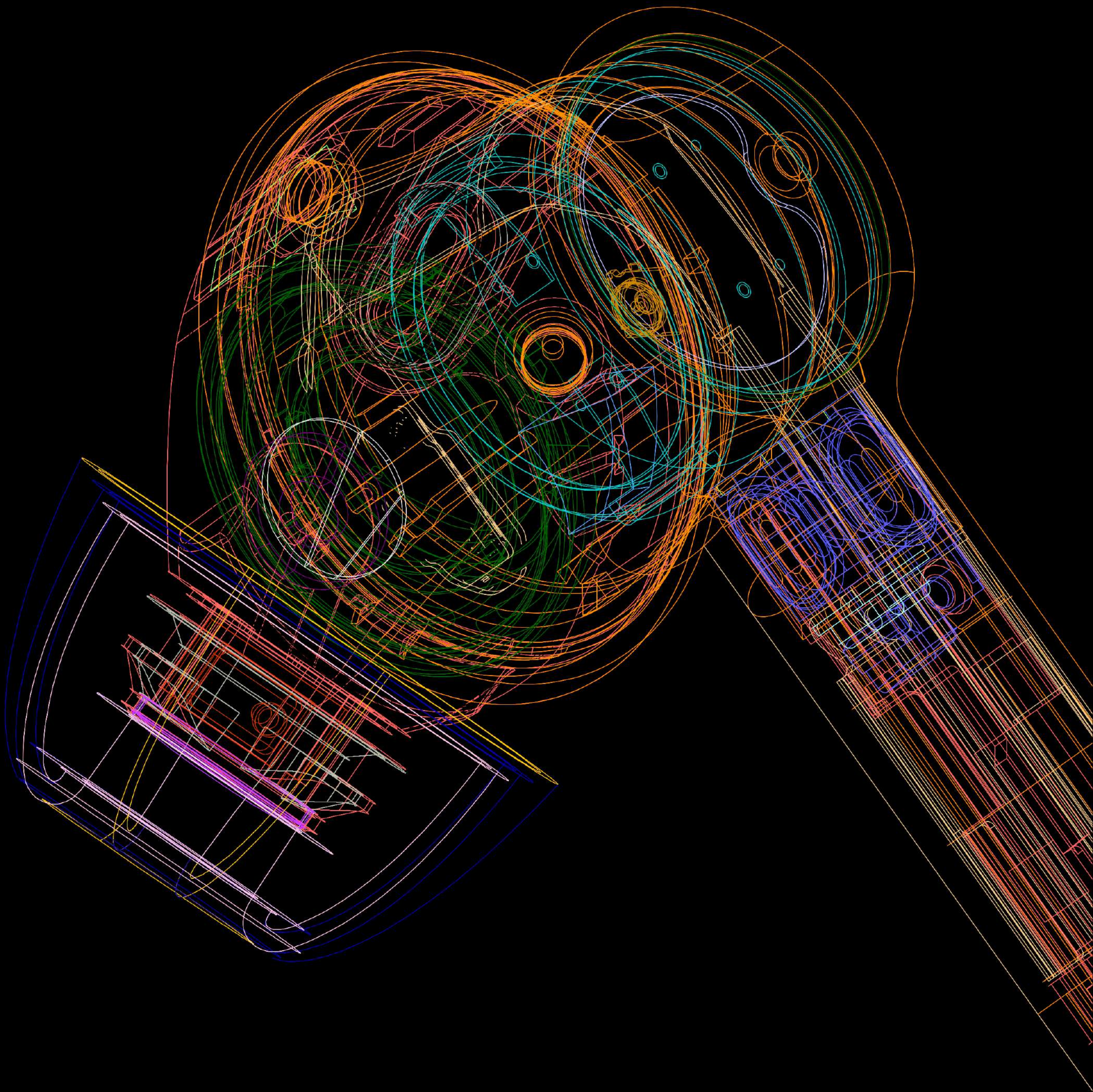


REVIEWER'S GUIDE

# OnePlus Buds Z2

Play with Silence





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With **OnePlus Buds Z2**, we wanted to redefine what entry-level true wireless earbuds for the brand could be. Here at OnePlus, that meant creating a hearable product with some of the best **active noise cancellation** in its price segment – up to 40dB<sup>1</sup> – along with **11mm dynamic drivers** handpicked for bass production and a **trio of microphones** that help to deliver exceptional call quality. So that's exactly what we've done. Oh, and we've also made silence even more accessible as a result.



# 40dB Active Noise Cancellation

OnePlus Buds Z2 let you enter your Zen zone with noise-cancelling counter-frequencies that deliver noise cancellation of up to 40dB. The Buds Z2 feature two noise-cancelling adjustable modes – Faint (+/-25dB) and Extreme (+/- 40dB) – that give you more control over your music.

And when you want to stay more in tune with the world around you, Transparency Mode has you covered. Enable Transparency Mode to hear your surroundings and communicate with those around you without having to remove your earbuds.



# High-Quality Sound and Dolby Atmos

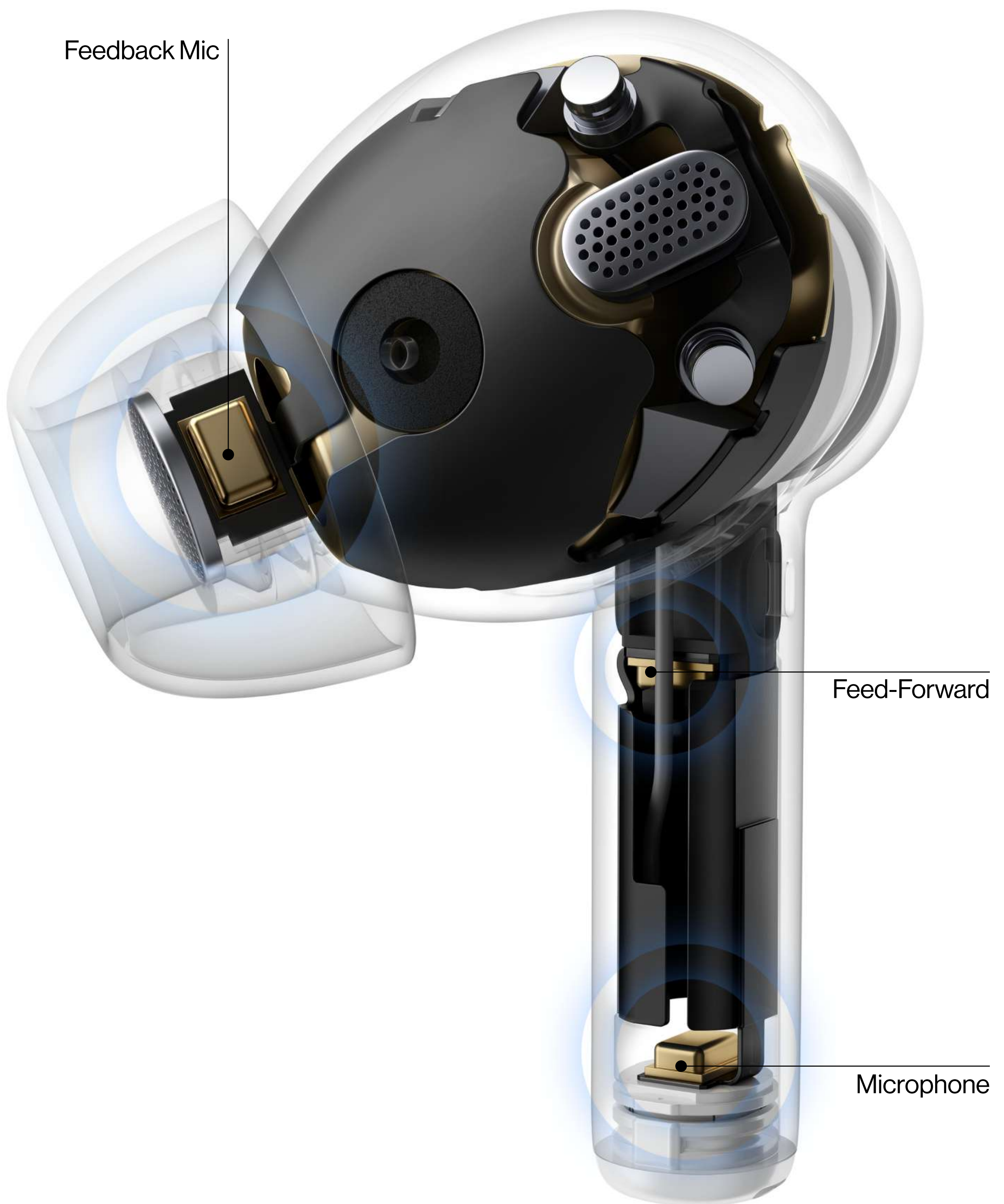
Do these huge 11mm drivers sound familiar to you? That's because they're the same as those found in our flagship hearable – OnePlus Buds Pro. And yes, they deliver the same rich bass, razor-sharp treble, and Dolby Atmos support<sup>2</sup> you know and love. The OnePlus Buds Z2 feature three sound modes for various use cases: Cinematic Movie, Immersive Music, and Mobile Gaming.





# Crystal-Clear Calls

OnePlus Buds Z2 come with three MEMS microphones on each earbud that work together to filter out unwanted noise and ensure your voice is heard loud and clear by those you're speaking with.





# Refined Design

The OnePlus Buds Z2 boast a familiar CD pattern design with a stem that's 15% shorter than that of the original OnePlus Buds Z. The Buds Z2 are also lighter than their predecessor and come in two colorways – Obsidian Black and Pearl White – that look as good as they sound.





# IP55 and IPX4 Water Resistance

The OnePlus Buds Z2 tote IP55-rated internals<sup>3</sup> and a hydrophobic nano-coating, meaning you shouldn't break a sweat if you get them wet. In fact, the Buds Z2's water resistance means you can quickly and easily clean them with a simple rinse. The charging case can also withstand a splash thanks to its IPX4 rating<sup>3</sup>.





# 38-Hour Battery Life

With up to 38 hours of battery life<sup>4</sup>, the OnePlus Buds Z2 can last all day and night... and then all day again. And when you do need to top them up, plugging them in with Flash Charge for just 10 minutes gives you 5 hours of listening time<sup>5</sup>.





# Seamless Connectivity

OnePlus Buds Z2 let you dive straight into your favorite playlists with Google Fast Pair<sup>6</sup> that instantly pair the earbuds with your OnePlus device. If you're not rocking a OnePlus, no worries – just download our exclusive HeyMelody app<sup>7</sup> to get started. Oh, and OnePlus Buds Z2 also support Find My Buds so you'll never lose your groove.





# Ultra-Low Latency

OnePlus Buds Z2 deliver audio at latency as low as 94ms<sup>8</sup> on select OnePlus devices with Pro Gaming mode enabled. Low latency audio combined with noise cancellation of up to 40dB and Dolby Atmos support make the Buds Z2 an awesome choice for game sessions on the go.



## CONTENT

1. The OnePlus Buds Z2 offer two noise cancellation modes (Faint and Extreme) that range between 25dB to 40dB.
2. Dolby Atmos is only supported on OnePlus 7/7 Pro/7T/7T Pro/8/8 Pro/8T/9/9 Pro/9R/9RT devices.
3. IP55 rating (earbuds only) and IPX4 rating (charging case only) achieved on test date: June 11, 2021. Data is based on test results using T<sub>UV</sub> S<sub>UD</sub> based on IEC 60529:1989, A1:1999 and A2:2013 test standards. Water and dust resistance may be reduced as the device ages. Liquid and dust damage are not covered under warranty.
4. Earbuds and charging case combined deliver up to 38 hours of audio playback with ANC mode turned off. Charging and battery test results are based on internal OnePlus laboratory results (25<sup>o</sup>C or 77<sup>o</sup>F). Test date: June 7, 2021. Fast charge your OnePlus Buds Z2 using a standard adapter or USB Type-C charging cable. Requires 5V~1.5A adapter or higher. Actual performance experienced by users may vary based on the specific charging environment conditions.
5. A 10-minute charge keeps your music going for 5 hours. 5 hours of battery life is measured based on a combination of earbuds and the case, with ANC mode turned on. A single 10-minute charge of the earbuds themselves delivers 2 hours of playtime only. Charging and battery test results are based on internal OnePlus laboratory results (25<sup>o</sup>C or 77<sup>o</sup>F). Test date: June 7, 2021. Fast charge your OnePlus Buds Z2 using a standard adapter or USB Type-C charging cable. Requires 5V~1.5A adapter or higher. Actual performance experienced by users may vary based on the specific charging environment conditions.
6. Google Fast Pair only supported on Android phones running Android 6.0 or newer with Google Play Services 11.7 or newer.
7. Download the official HeyMelody app (available on Android and iOS) from the Google Play Store or iOS App Store respectively.
8. Latency can be reduced to as low as 94ms when paired with select OnePlus devices with Pro Gaming mode turned on.



## CONTENT

Due to real-time changes involving product batches, production, and supply factors, in order to provide accurate product information, specifications, and features, OnePlus may make real-time adjustments to text descriptions and images in associated information pages to ensure they match the product performance, specifications, indexes, and components of the actual product. Product information is subject to change and adjustment without notice.

OnePlus Buds Z2 and OnePlus phones, when used together, will provide the best experience. OnePlus Buds Z2 are also compatible with Bluetooth devices; the longest Bluetooth transmission distance is 10m between OnePlus Buds Z2 and the Bluetooth device. Due to the nature of Bluetooth, electromagnetic interference in the area may cause the connection to break.

Based on software updates to the phone, the above actions may be slightly modified, and the actual OTA content may be different from that specified.



## SPECIFICATIONS

Colors	– Obsidian Black, Pearl White
Dimensions	– Earbud: 33mm x 22.4mm x 21.8mm – Charging case: 73.15mm x 36.8mm x 29.1mm
Weight	– Earbud (black): 4.5g Earbud (white): 4.6g Charging case (black): 40.5g Charging case (white): 42g
Driver Size	– 11mm Dynamic
Frequency Response Range	– 20-20,000Hz
Driver Sensitivity	– Worldwide (excluding India): 98dB India: 102dB
Impedance	– 16Ω
Bluetooth Version	– Bluetooth 5.2
Bluetooth Connection Range	– 10 meters
Battery Capacity	– Earbud: 40mAh lithium-ion battery (per earbud) Charging case: 520mAh lithium-ion battery
Charging (Case)	– USB Type-C (5V=0.9A)
Charging (Earbuds)	– Pogo Pin (5V=0.15A each)
Active Noise Cancellation	– Up to 40dB active with 2-level adjustment



## SPECIFICATIONS

Playtime (ANC on)	<ul style="list-style-type: none"><li>– Earbuds only: up to 5 hours</li><li>– Earbuds and case: up to 27 hours</li></ul>
Playtime (ANC off)	<ul style="list-style-type: none"><li>– Earbuds only: up to 7 hours</li><li>– Earbuds and case: 38 hours</li></ul>
Flash Charge	<ul style="list-style-type: none"><li>– 10 minutes for 5 hours of playtime (earbuds and case)</li><li>– 90 minutes for a full charge</li></ul>
Number of Microphones on Each Earbud	<ul style="list-style-type: none"><li>– 3 (MEMS microphones)</li></ul>
Control	<ul style="list-style-type: none"><li>– Single tap by default: “play/pause” and optional single tap functions: “play/pause”, “previous”, and “next”</li><li>– Double tap by default: “next” and “answer/end phone call” and optional double tap functions: “play/pause”, “previous”, “next”, and wake up voice assistant</li><li>– Triple tap by default: “previous” and optional triple tap functions: “play/pause”, “previous”, “next”, and wake up voice assistant</li><li>– Press and hold the touch area for 1 second to switch noise control modes</li><li>– Press and hold the touch area for 3 seconds to reconnect to a previous device or reject a call</li></ul>



## SPECIFICATIONS

Wearing Detection	– Supported – auto pause when earbud(s) are removed and auto play when earbud(s) are inserted
Water/Sweat Resistance	– Earbuds only: IP55 water and sweat resistance – Charging case only: IPX4 water resistance
Mono Mode	– Mono mode supports both left and right earbud independent use
Transparency Mode	– Supported
Low Latency	– With selected OnePlus smartphones and with Pro Gaming Mode enabled: 94ms
Fast Pairing	– Google Fast Pair for Android devices running Android 6 or newer
Smart Assistant	– Yes
Call	– Mono and stereo calls supported
App Enabled	– HeyMelody app for non-OnePlus devices (Android and iOS)
Number of Ear Tips Included	– 3 pairs (small, medium and large)



## AVAILABILITY

Asia – Mainland China  
– Hong Kong, China  
– India

North America – United States  
– Canada

Europe – Austria  
– Belgium  
– Bulgaria  
– Croatia  
– Cyprus  
– Czech Republic  
– Denmark  
– Estonia  
– Finland  
– France  
– Germany  
– Greece  
– Hungary  
– Ireland  
– Italy  
– Latvia  
– Lithuania  
– Luxembourg  
– Malta  
– Netherlands  
– Poland  
– Portugal  
– Romania  
– Slovakia  
– Slovenia  
– Spain  
– Sweden  
– United Kingdom



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