

## OnePlus E513A

# OnePlus Buds 4 TWS Earbuds User Manual

Model: E513A

## 1. INTRODUCTION

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This manual provides detailed instructions for the safe and effective use of your OnePlus Buds 4 TWS Earbuds. Please read this manual thoroughly before using the product and retain it for future reference.



Image: OnePlus Buds 4 TWS Earbuds in Storm Gray charging case, open with earbuds inside.

## 2. WHAT'S IN THE BOX

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Verify that all items are present in your product package:

- OnePlus Buds 4 Earbuds (Left and Right)
- Charging Case
- USB Charging Cable
- Eartips (various sizes)
- User Manual

## 3. PRODUCT OVERVIEW

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The OnePlus Buds 4 feature an in-ear design with a stem, housed in a compact charging case. The earbuds are equipped with dual drivers and dual DACs for enhanced audio performance.



Image: Close-up view of the OnePlus Buds 4 earbuds, highlighting the in-ear design.



Image: Diagram illustrating the internal components of the OnePlus Buds 4, including dual drivers and DACs.

## 4. SETUP

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### 4.1 Charging the Earbuds and Case

Before first use, fully charge the earbuds and charging case. Connect the provided USB cable to the charging port on the case and a power source. The indicator light on the case will show charging status.

- A full charge takes approximately **1.5 hours**.
- A 10-minute charge can provide up to **11 hours** of music playback.
- Total battery life with the charging case is up to **45 hours** (ANC off).



<p>Charge for Minutes Listen for Hours</p>  <p>10 mins ⚡ 11 hrs Fast Charging ⚡ Playback<sup>10</sup></p>	<p>Press Play for Over a Day<sup>11</sup></p>  <p>45 Hours</p>	45 Hours	24 Hours	22 Hours
		<p>Case + Earbuds ANC Off with AAC</p>	<p>Case + Earbuds ANC On with AAC</p>	<p>Case + Earbuds ANC On with LHDC</p>
		11 Hours	6 Hours	5.5 Hours
		<p>Earbuds only ANC Off with AAC</p>	<p>Earbuds only ANC On with AAC</p>	<p>Earbuds only ANC On with LHDC</p>

Image: Battery life and fast charging information for OnePlus Buds 4.

## 4.2 Pairing with a Device

1. Ensure the earbuds are in the charging case and the case lid is open.
2. Press and hold the function button on the charging case until the indicator light flashes white, indicating pairing mode.
3. On your device (smartphone, tablet, or computer), enable Bluetooth and search for "OnePlus Buds 4" in the list of available devices.
4. Select "OnePlus Buds 4" to complete the pairing process.

**Google Fast Pair:** For Android devices, simply open the charging case near your phone, and a pop-up will appear for quick pairing.

**Dual-Device Connection:** The earbuds support simultaneous connection to two devices (e.g., phone and laptop) for seamless switching.

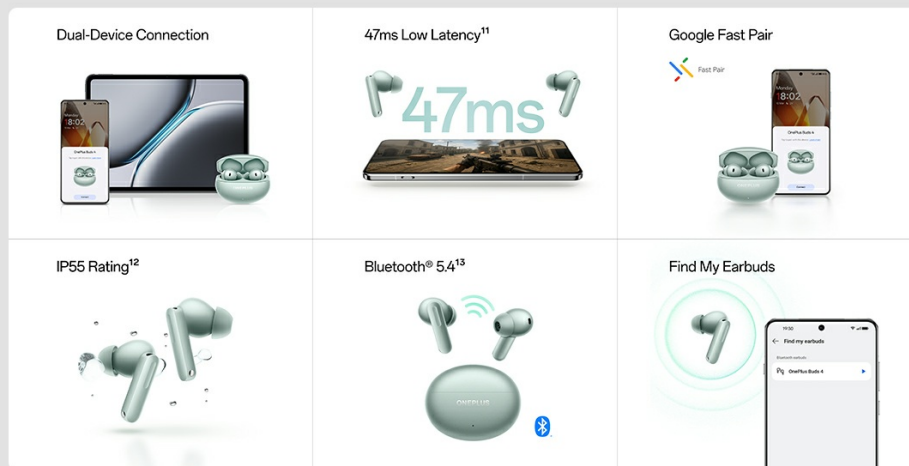


Image: Overview of key features including connectivity, latency, and durability.

## 5. OPERATING INSTRUCTIONS

### 5.1 Touch Controls

The OnePlus Buds 4 feature customizable touch controls for various functions:

- **Slide up/down:** Increase or decrease volume.

- **Long touch/hold:** Switch between Active Noise Cancellation (ANC), Adaptive, and Transparency modes.
- **Single tap:** Play or pause music.
- **Double tap:** Skip to the next song.
- **Triple tap:** Go to the previous song.

These settings can be customized further via the HeyMelody app (for non-OnePlus users) or phone settings (for OnePlus users).

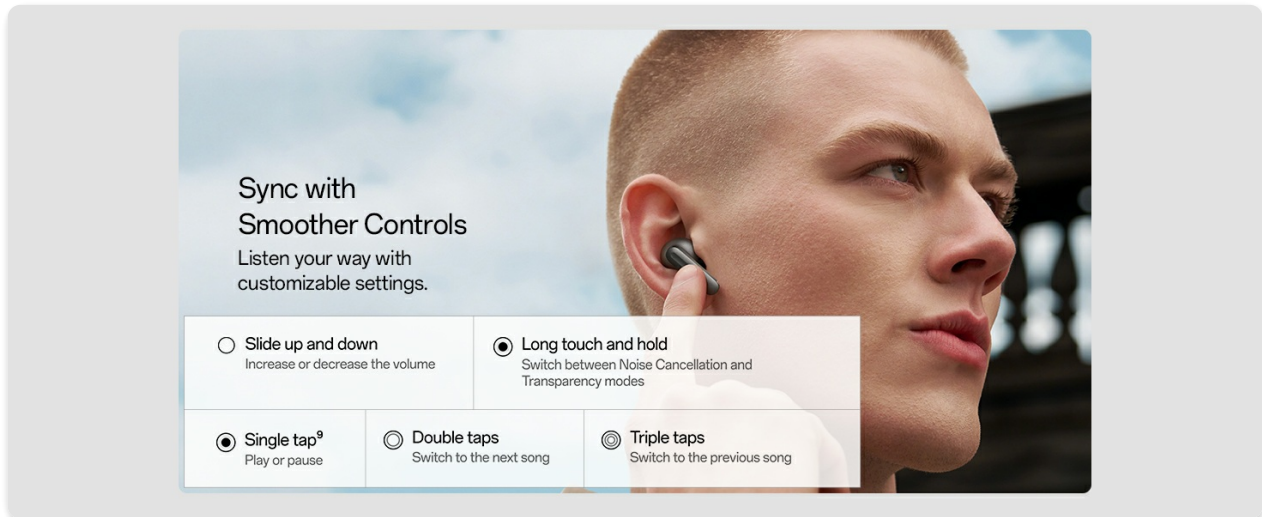


Image: Customizable touch controls for the OnePlus Buds 4.

## 5.2 Active Noise Cancellation (ANC) & Adaptive Mode

The earbuds offer up to **55 dB** of real-time adaptive noise cancellation, adjusting up to 800 times per second based on ambient noise. The **Adaptive Mode** dynamically switches between ANC and Transparency modes for optimal listening in various environments.

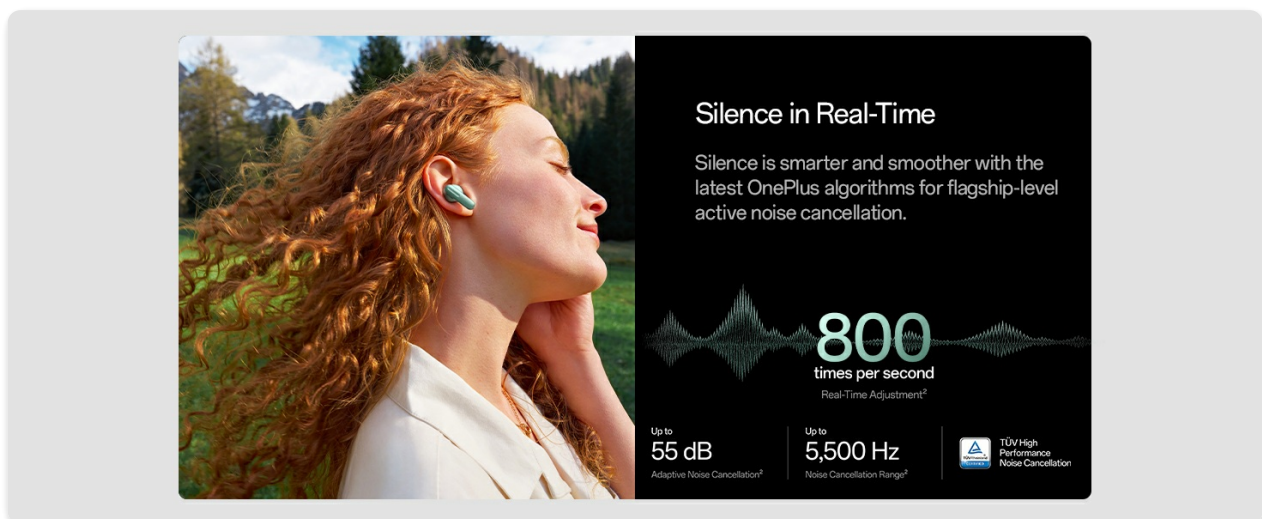


Image: Real-time dynamic Active Noise Cancellation capabilities.



### All-New Adaptive Mode Smoother, Safer Listening

By dynamically switching between ANC and Transparency Mode, stay safely switched on to your surroundings - especially outdoor alarms, vehicles, and other warnings.



Image: All-New Adaptive Mode for dynamic noise control.

## 5.3 Sound Features

Experience high-fidelity audio with dual DACs, an 11mm woofer, and a 6mm tweeter. The earbuds support LHDC 5.0 for studio-grade Hi-Res audio up to 1 Mbps 24-bit 192kHz.

- **Sound Master EQ:** Choose from pre-tuned EQ presets (Balanced, Serenade, Bass Mode) or customize your sound.
- **Golden Sound:** A personalized ear scan and listening test create a bespoke audio profile.
- **OnePlus 3D Audio:** Tailor your stereo soundscape for enhanced realism.

### Near Lossless for Fearless Sound

LHDC 5.0 meets studio-grade Hi-Res for silky-smooth sound with reduced latency<sup>1</sup>.

1 Mbps  
Bit Rate

24 bit  
Bit Depth

192 kHz  
Sample Rate

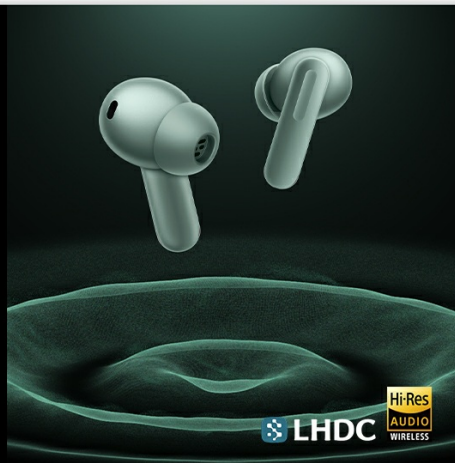


Image: Near Lossless sound quality with LHDC 5.0.

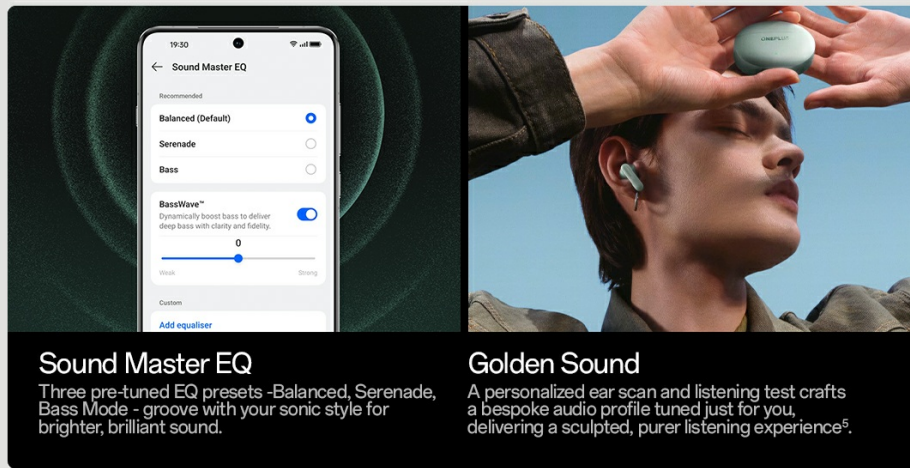


Image: Sound Master EQ and Golden Sound features for personalized listening.

## 5.4 Call Quality

The 3-mic system, powered by AI Clear Call algorithm, filters out ambient noise and wind for clear calls. It offers a 200% boost in voice cancellation compared to previous models.

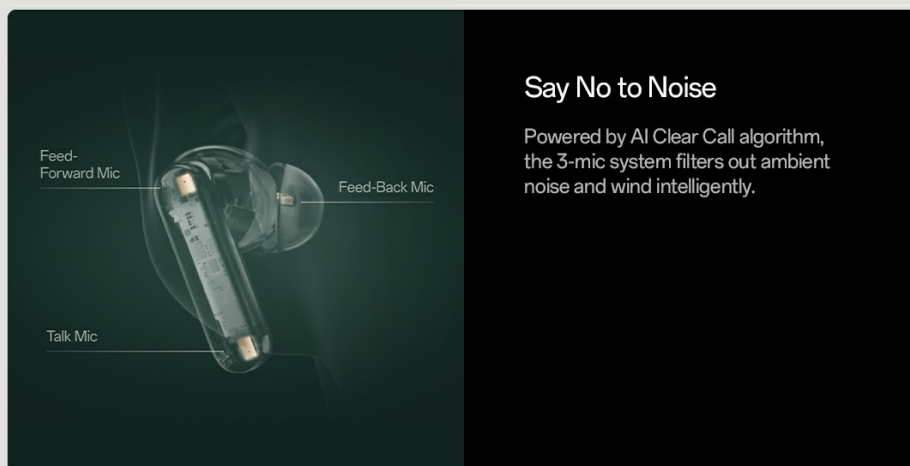


Image: Illustration of the 3-mic system for clear calls.

## 5.5 Low Latency

With a **47ms low latency** in game mode, audio syncs perfectly with your actions, providing a smoother gaming experience.

## 5.6 AI Translation & Voice Assistant

Three earbud taps can activate AI Translation on compatible OnePlus phones for real-time conversation in multiple languages. You can also use voice assistant shortcuts (Google Gemini, Google Assistant, or Apple Siri) for various tasks.



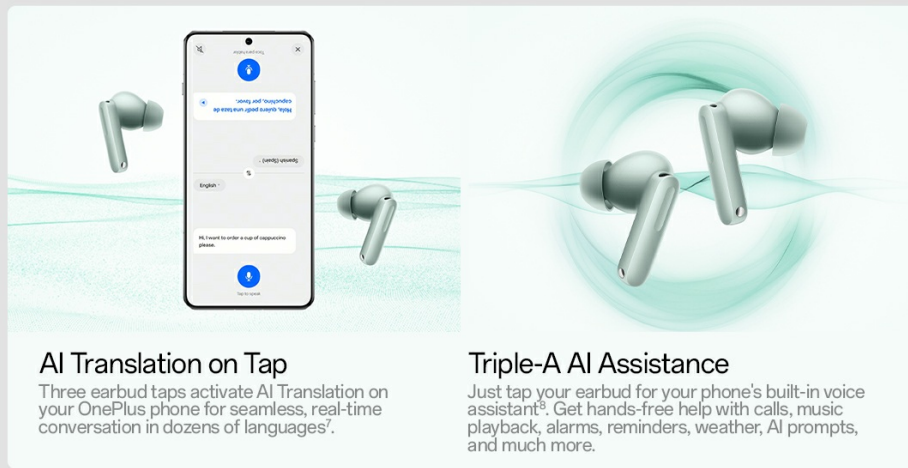


Image: AI Translation and AI Assistance features.

## 6. MAINTENANCE

### 6.1 Cleaning

Regularly clean your earbuds and charging case to maintain optimal performance and hygiene. Use a soft, dry, lint-free cloth. Do not use abrasive materials or harsh chemicals.

- Gently wipe the earbuds, especially the eartips and mesh areas, to remove earwax or debris.
- Clean the charging contacts on both the earbuds and inside the case.
- Wipe the exterior of the charging case.

### 6.2 Water and Dust Resistance

The OnePlus Buds 4 earbuds have an **IP55 rating** for dust and water resistance, protecting them from sweat and light rain. The charging case is not water-resistant. Avoid submerging the earbuds in water. Water and dust resistance may diminish with device aging and are not covered under warranty if damage occurs.

## 7. TROUBLESHOOTING

If you encounter issues with your OnePlus Buds 4, refer to the following common solutions:

- **Earbuds not pairing:** Ensure earbuds are charged, in the case with the lid open, and in pairing mode. Turn off and on your device's Bluetooth. Try resetting the earbuds (refer to the full user guide for specific reset instructions).
- **No sound or poor sound quality:** Check volume levels on both earbuds and your connected device. Ensure earbuds are clean and properly seated in your ears. Try re-pairing the earbuds.
- **Charging issues:** Verify the charging cable and power adapter are working. Ensure charging contacts on earbuds and case are clean and free of debris.
- **ANC not working effectively:** Ensure earbuds are properly fitted in your ears. Try switching between ANC, Adaptive, and Transparency modes.

For more detailed troubleshooting, visit the official OnePlus support website.

## 8. SPECIFICATIONS


Feature	Specification
Model Name	OnePlus Buds 4
Model Number	E513A
Noise Control	Adaptive Noise Cancellation (up to 55 dB)
Connectivity Technology	Wireless (Bluetooth 5.4)
Bluetooth Range	10 Metres (up to 250m with Steady Connect on select OnePlus phones)
Audio Driver Type	Dynamic Driver (11mm woofer, 6mm tweeter)
Audio Latency	47 Milliseconds (Game Mode)
Battery Life (Earbuds)	Up to 11 hours (ANC off, AAC)
Battery Life (Total with Case)	Up to 45 hours (ANC off, AAC)
Charging Time	1.5 Hours
Water Resistance Level	IP55 (Earbuds only)
Item Weight	49 Grams (total)
Material	Plastic
Compatible Devices	Cellphones, Desktops, Laptops, Smart Watch, Tablets

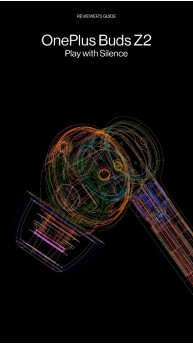




## 9. WARRANTY AND SUPPORT

Your OnePlus Buds 4 are covered by a limited warranty. Please refer to the warranty card included in your package or visit the official OnePlus website for detailed warranty terms and conditions.

For further assistance, product registration, or to access the latest software updates, please visit the [OnePlus Official Store](#) or the OnePlus support website.

### Related Documents - E513A

	<p><a href="#">OnePlus Earbuds Troubleshooting Guide</a></p> <p>A comprehensive guide to troubleshooting common issues with OnePlus TWS and neckband earbuds, covering connection problems, sound issues, charging failures, and noise cancellation.</p>
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	<p><a href="#">OnePlus Buds Z2: Reviewer's Guide and Specifications</a></p> <p>Explore the features of the OnePlus Buds Z2, including 40dB Active Noise Cancellation, high-quality sound with Dolby Atmos, refined design, water resistance, 38-hour battery life, seamless connectivity, and detailed specifications.</p>
	<p><a href="#">OnePlus Buds Pro Quick Start Guide: Setup, Pairing, and Features</a></p> <p>Learn how to set up, pair, and use your OnePlus Buds Pro wireless earbuds. This guide covers features like noise cancellation, Zen Mode Air, and charging.</p>
	<p><a href="#">OnePlus Buds Pro 2 User Manual: Features, Safety, and Warranty</a></p> <p>Comprehensive user manual for OnePlus Buds Pro 2 wireless earbuds, covering setup, controls, noise cancellation, safety guidelines, warranty information, and material recycling details.</p>
	<p><a href="#">OnePlus Buds 4 User Guide, Safety, and Warranty Information</a></p> <p>Comprehensive guide for OnePlus Buds 4 wireless earbuds (Model E513A), covering setup, touch controls, charging, safety precautions, regulatory compliance, and limited warranty details.</p>
	<p><a href="#">OnePlus Buds 3 User Guide: Features, Safety, and Warranty</a></p> <p>Comprehensive user guide for OnePlus Buds 3, covering features, pairing, controls, charging, safety precautions, and warranty information. Available in multiple languages.</p>

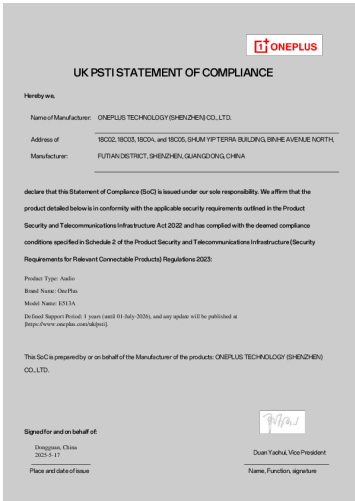
Documents - OnePlus – E513A



[OnePlus Buds 4 Safety and Warranty Information](#)

This document provides essential safety, warranty, and regulatory information for the OnePlus Buds 4. It covers product specifications, package contents, safety precautions, EU regulatory conformance, and limited warranty details.

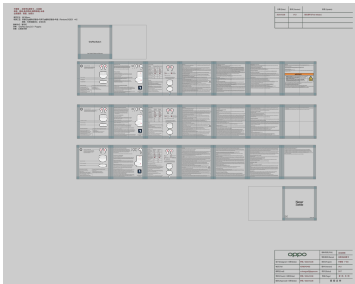
lang:en score:43 filesize: 3.71 M page\_count: 78 document date: 2025-06-18



[UK PSTI Statement of Compliance for OnePlus E513A Audio Product](#)

Statement of Compliance (SoC) for the OnePlus E513A audio product, confirming conformity with the UK Product Security and Telecommunications Infrastructure Act 2022 and related regulations.

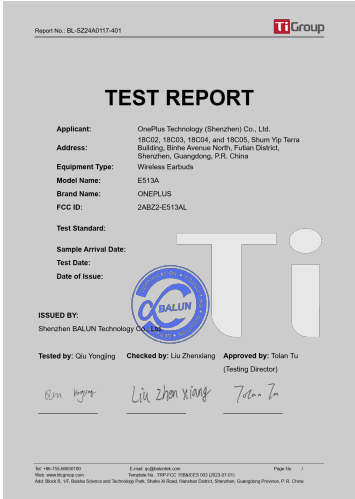
lang:en score:35 filesize: 36.55 K page\_count: 1 document date: 2025-07-04



[OnePlus Buds 4 User Guide, Safety, and Warranty Information](#)

Comprehensive guide for OnePlus Buds 4 wireless earbuds (Model E513A), covering setup, touch controls, charging, safety precautions, regulatory compliance, and limited warranty details.

lang:en score:31 filesize: 3.07 M page\_count: 2 document date: 2024-12-10

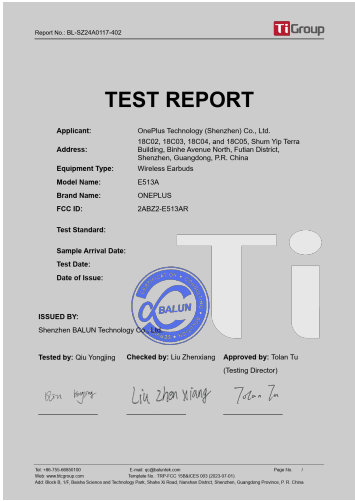


[\[pdf\] Test Report](#)

Auto Test Report JBP OnePlus Technology Shenzhen Co Ltd E513AL Wireless Earbuds 2ABZ2 2ABZ2E513AL e513al

Report No.: BL-SZ24A0117-401 TEST REPORT Applicant: Address: Equipment Type: Model Name: Brand Nam ... rra Building, Binhe Avenue North, Futian District, Shenzhen, Guangdong, P.R. China Wireless Earbuds **E513A** ONEPLUS 2ABZ2-**E513AL** 47 CFR Part 15 Subpart B ANSI C63.4-2014 Nov. 12, 2024 Nov. 12, 2024 - De...

lang:en score:21 filesize: 778.46 K page\_count: 25 document date: 2024-12-09



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Auto Test Report JBP OnePlus Technology Shenzhen Co Ltd E513AR Wireless Earbuds 2ABZ2 2ABZ2E513AR e513ar

Report No.: BL-SZ24A0117-402 TEST REPORT Applicant: Address: Equipment Type: Model Name: Brand Nam ... rra Building, Binhe Avenue North, Futian District, Shenzhen, Guangdong, P.R. China Wireless Earbuds **E513A** ONEPLUS 2ABZ2-**E513AR** 47 CFR Part 15 Subpart B ANSI C63.4-2014 Nov. 12, 2024 Nov. 12, 2024 - De...

lang:en score:21 filesize: 771.81 K page\_count: 25 document date: 2024-12-09

Report No.: BL-SZ24A0117-702


TTGroup

TEST REPORT

Applicant:  
Address:  
Equipment Type:  
Model Name:  
Brand Name:  
FCC ID:  
Test Standard:  
Maximum SAR:  
Sample Arrival Date:  
Test Date:  
Date of Issue:

OnePlus Technology (Shenzhen) Co., Ltd.  
18C02, 18C03, 18C04, and 18C05, Shum Yip Terra Building, Binhe Avenue North, Futian District, Shenzhen, Guangdong, P.R. China  
Wireless Earbuds  
E513A  
ONEPLUS  
2ABZ2-E513AR  
FCC 47 CFR Part 2.1093 (refer to section 3.1)  
Nov. 23, 2024  
Dec. 09, 2024

ISSUED BY:  
Shenzhen BALUN Technology Co., Ltd.



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Checked by: Lijiao Zong

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[pdf] Test Report SAR Rating

User Test Report SAR OnePlus Technology Shenzhen Co Ltd E513AR Wireless Earbuds 2ABZ2 2ABZ2E513AR e513ar

Report No.: BL-SZ24A0117-702 TEST REPORT Applicant: Address: Equipment Type: Model Name: Brand Nam ... rra Building, Binhe Avenue North, Futian District, Shenzhen, Guangdong, P.R. China Wireless Earbuds **E513A** ONEPLUS 2ABZ2-**E513AR** FCC 47 CFR Part 2.1093 refer to section 3.1 Head 1 g 0mm : 0.34 W/kg N...

lang:en score:17 filesize: 1.26 M page\_count: 38 document date: 2024-12-09

Report No.: BL-SZ24A0117-701


TTGroup

TEST REPORT

Applicant:  
Address:  
Equipment Type:  
Model Name:  
Brand Name:  
FCC ID:  
Test Standard:  
Maximum SAR:  
Sample Arrival Date:  
Test Date:  
Date of Issue:

OnePlus Technology (Shenzhen) Co., Ltd.  
18C02, 18C03, 18C04, and 18C05, Shum Yip Terra Building, Binhe Avenue North, Futian District, Shenzhen, Guangdong, P.R. China  
Wireless Earbuds  
E513A  
ONEPLUS  
2ABZ2-E513AL  
FCC 47 CFR Part 2.1093 (refer to section 3.1)  
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User Test Report SAR OnePlus Technology Shenzhen Co Ltd E513AL Wireless Earbuds 2ABZ2 2ABZ2E513AL e513al

Report No.: BL-SZ24A0117-701 TEST REPORT Applicant: Address: Equipment Type: Model Name: Brand Nam ... rra Building, Binhe Avenue North, Futian District, Shenzhen, Guangdong, P.R. China Wireless Earbuds **E513A** ONEPLUS 2ABZ2-**E513AL** FCC 47 CFR Part 2.1093 refer to section 3.1 Head 1 g 0mm : 0.37 W/kg N...

lang:en score:17 filesize: 1.26 M page\_count: 38 document date: 2024-12-09

Report No.: BL-SZ24A0117-604


TTGroup

TEST REPORT

Applicant:  
Address:  
Equipment Type:  
Model Name:  
Brand Name:  
FCC ID:  
Test Standard:  
Maximum SAR:  
Sample Arrival Date:  
Test Date:  
Date of Issue:

OnePlus Technology (Shenzhen) Co., Ltd.  
18C02, 18C03, 18C04, and 18C05, Shum Yip Terra Building, Binhe Avenue North, Futian District, Shenzhen, Guangdong, P.R. China  
Wireless Earbuds  
E513A  
ONEPLUS  
2ABZ2-E513AL  
refer to section 3.1)  
Nov. 12, 2024  
Nov. 12, 2024  
Nov. 12, 2024  
Jan. 14, 2025

ISSUED BY:  
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Approved by: Sunny Zou  
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DELL Test Report DSS OnePlus Technology Shenzhen Co Ltd E513AL Wireless Earbuds 2ABZ2 2ABZ2E513AL e513al

Report No.: BL-SZ24A0117-604 TEST REPORT Applicant: Address: Equipment Type: Model Name: Brand Nam ... rra Building, Binhe Avenue North, Futian District, Shenzhen, Guangdong, P.R. China Wireless Earbuds **E513A** ONEPLUS 2ABZ2-**E513AL** 47 CFR Part 15 Subpart C refer to section 3.1 Nov. 12, 2024 Nov. 13, 20...

lang:en score:15 filesize: 2.57 M page\_count: 64 document date: 2025-02-11

Report No.: BL-SZ24A0117-605

**TEST REPORT**

**Applicant:** OnePlus Technology (Shenzhen) Co., Ltd.  
**Address:** 18C02, 18C03, 18C04, and 18C05, Shum Yip Terra Building, Binhe Avenue North, Futian District, Shenzhen, Guangdong, P.R. China  
**Equipment Type:** Wireless Earbuds  
**Model Name:** E513A  
**Brand Name:** ONEPLUS  
**FCC ID:** 2ABZ2-E513AR  
**Test Standard:** (refer to section 3.1)  
**Sample Arrival Date:** Nov. 12, 2024  
**Test Date:** Nov. 13, 2024 - Jan. 14, 2025  
**Date of Issue:** Feb. 11, 2025

**ISSUED BY:** Shenzhen BALUN Technology Co., Ltd.

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**Checked by:** Ye Hongli  
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Sample No.: 1001-CCT Part 11-247 (2023-01-12)

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DELL Test Report DSS OnePlus Technology Shenzhen Co Ltd E513AR Wireless Earbuds 2ABZ2 2ABZ2E513AR e513ar

Report No.: BL-SZ24A0117-605 TEST REPORT Applicant: Address: Equipment Type: Model Name: Brand Nam ... rra Building, Binhe Avenue North, Futian District, Shenzhen, Guangdong, P.R. China Wireless Earbuds **E513A** ONEPLUS 2ABZ2-**E513AR** 47 CFR Part 15 Subpart C refer to section 3.1 Nov. 12, 2024 Nov. 13, 20...

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Report No.: BL-SZ24A0117-602

**TEST REPORT**

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**Address:** 18C02, 18C03, 18C04, and 18C05, Shum Yip Terra Building, Binhe Avenue North, Futian District, Shenzhen, Guangdong, P.R. China  
**Equipment Type:** Wireless Earbuds  
**Model Name:** E513A  
**Brand Name:** ONEPLUS  
**FCC ID:** 2ABZ2-E513AR  
**Test Standard:** (refer to section 3.1)  
**Sample Arrival Date:** Nov. 12, 2024  
**Test Date:** Nov. 13, 2024 - Jan. 14, 2025  
**Date of Issue:** Feb. 11, 2025

**ISSUED BY:** Shenzhen BALUN Technology Co., Ltd.

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Sample No.: 1001-CCT Part 11-247 (2023-01-12)

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DELL Test Report DTS OnePlus Technology Shenzhen Co Ltd E513AR Wireless Earbuds 2ABZ2 2ABZ2E513AR e513ar

Report No.: BL-SZ24A0117-602 TEST REPORT Applicant: Address: Equipment Type: Model Name: Brand Nam ... rra Building, Binhe Avenue North, Futian District, Shenzhen, Guangdong, P.R. China Wireless Earbuds **E513A** ONEPLUS 2ABZ2-**E513AR** 47 CFR Part 15 Subpart C refer to section 3.1 Nov. 12, 2024 Nov. 13, 20...

lang:en score:14 filesize: 5.25 M page\_count: 62 document date: 2025-02-11

Report No.: BL-SZ24A0117-601

**TEST REPORT**

**Applicant:** OnePlus Technology (Shenzhen) Co., Ltd.  
**Address:** 18C02, 18C03, 18C04, and 18C05, Shum Yip Terra Building, Binhe Avenue North, Futian District, Shenzhen, Guangdong, P.R. China  
**Equipment Type:** Wireless Earbuds  
**Model Name:** E513A  
**Brand Name:** ONEPLUS  
**FCC ID:** 2ABZ2-E513AL  
**Test Standard:** (refer to section 3.1)  
**Sample Arrival Date:** Nov. 12, 2024  
**Test Date:** Nov. 13, 2024 - Jan. 14, 2025  
**Date of Issue:** Feb. 11, 2025

**ISSUED BY:** Shenzhen BALUN Technology Co., Ltd.

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Sample No.: 1001-CCT Part 11-247 (2023-01-12)

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DELL Test Report DTS OnePlus Technology Shenzhen Co Ltd E513AL Wireless Earbuds 2ABZ2 2ABZ2E513AL e513al

Report No.: BL-SZ24A0117-601 TEST REPORT Applicant: Address: Equipment Type: Model Name: Brand Nam ... rra Building, Binhe Avenue North, Futian District, Shenzhen, Guangdong, P.R. China Wireless Earbuds **E513A** ONEPLUS 2ABZ2-**E513AL** 47 CFR Part 15 Subpart C refer to section 3.1 Nov. 12, 2024 Nov. 13, 20...

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