



# EDIFIER W820NB Plus (2025)

GTM Deck Version 1.6

2025/07/02

# W820NB Plus (2025)

Wireless Over-Ear Noise Cancelling Headphones



Dark Gray



Navy



Ivory



Smoky pink

# W820NB Plus (2025)

## Wireless Over-Ear Noise Cancelling Headphones

### Sound Quality

- Certified for **Hi-Res Audio Wireless**, delivering authentic and immersive sound performance.
- **40mm** drivers featuring a titanium-coated composite diaphragm for powerful bass.

### Hybrid ANC

- Upgraded noise cancellation to **-49dB** depth for a truly immersive listening experience.
- Customizable ANC modes adapt to diverse environments and personal preferences.

### Clear Calls

- **AI noise cancellation** filters ambient noise, delivering clear voice quality for calls—perfect for work and daily use.

### Long Battery Life

- Up to **88 hours** playback (ANC off).
- Supports fast charging, **15mins=15hrs.**

### Next-Gen Bluetooth

- Latest **Bluetooth V6.1** technology for enhanced stability, faster data transmission, and ultra-low latency.
- **Multipoint connection** allows seamless device switching.

### EDIFIER ConneX App

- **New feature-Volume guard**: set safe volume levels and listening time reminders—helping protect your hearing over time.
- Customized EQ and 5 preset EQ options: EDIFIER Classic/Dynamic/Vocal/Treble Boost/Bass Boost.



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## User Friendly

- **Foldable design** with soft memory foam earpads for maximum comfort and portability.
- Silicone physical buttons ensure intuitive and accurate operation.

## Multiple Inputs

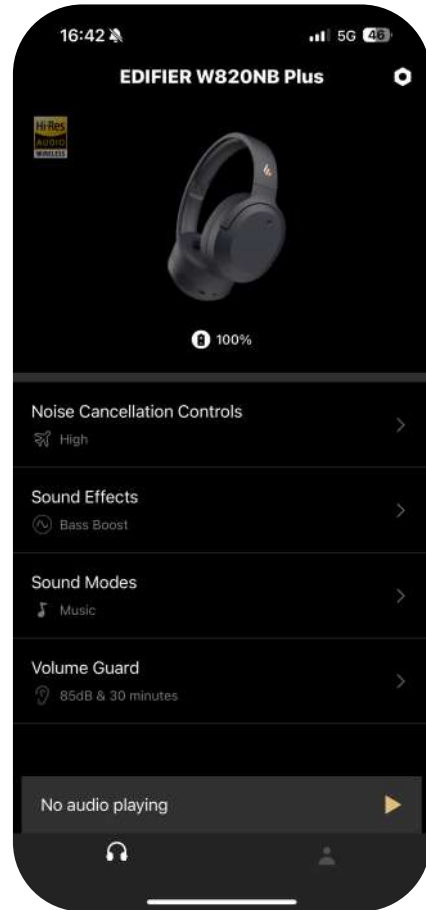
- Bluetooth
- USB-C



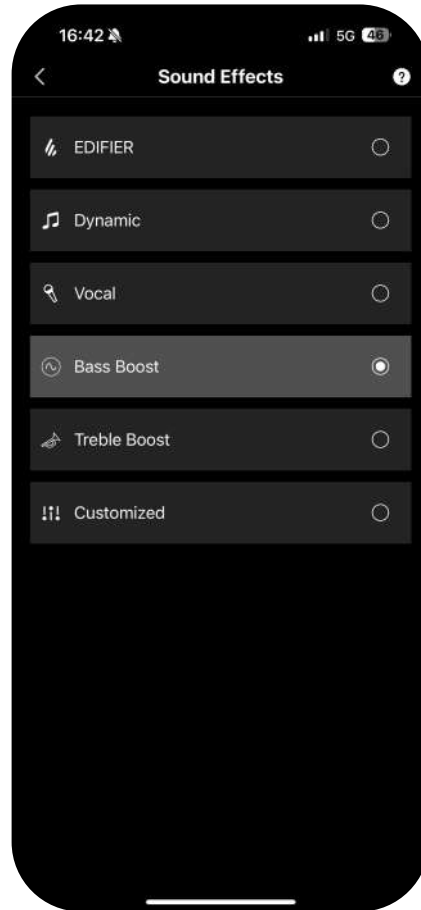
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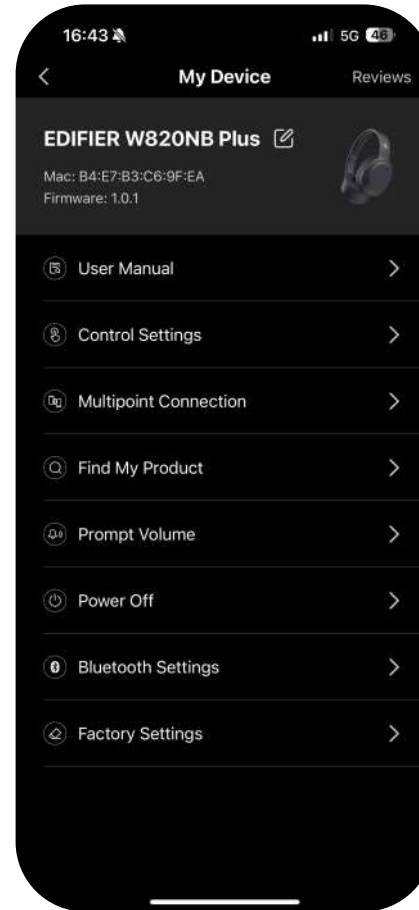
NEW



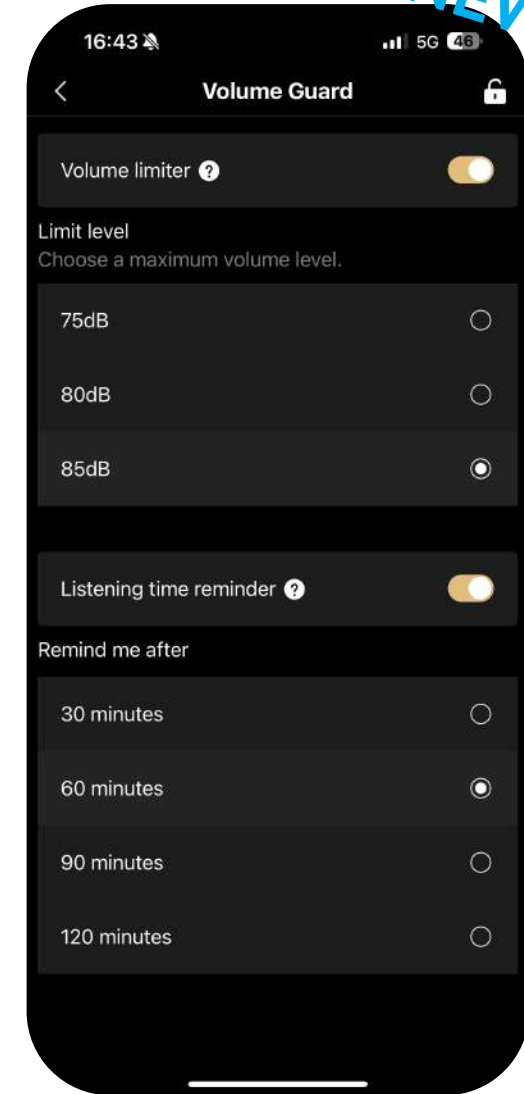
Playback control



Sound effect switch



Manual and settings



Volume Guard



Download with QR code

# W820NB Plus (2025)

Wireless Over-Ear Noise Cancelling Headphones

## Packaging Structure & Layout



## Carton Configuration

Product Weight	Around 247 g (net weight)
Inner Carton	189x210x53 mm (W×H×D), around 472 g (gross weight)
Master Carton	437x402x288 mm (W×H×D), around 10.16 kg (gross weight)
PCS/CTN	20 pcs

## Box Content

Item	Quantity
Headset	1
1.2M Type-C Charging Cable	1
Manual	1
Important Safty Information	1



## EAN Code

Colors	EAN Code
Dary gray	6923520249725
Ivory	6923520249718
Navy	6923520249732
Smoky piink	6923520249749

# W820NB Plus (2025)

Wireless Over-Ear Noise Cancelling Headphones

## Technical Specification

Bluetooth	V6.1
Audio Coding	LDAC/SBC
Effective Distance	About 10M
Playtime (AAC)	ANC ON: 49hrs ANC OFF: 88hrs
Battery Capacity	480mAh
Charging Port	Type-C
Input	5V = 1A
Charging Time	About 2hrs
Minimum/Maximum charger power (W)	3-5W

Driver	Φ40mm Dynamic
Frequency Response	20Hz-40kHz
Sound Pressure Level	91±3dB (A)
Mircophones	5 pcs
IP Rating	N/A
Multipoint Connection	YES
Wired Listening	YES, USB-C
Dimension (WxHxD)	165x191x83 mm
Weight	About 247 g

## EU DECLARATION OF CONFORMITY

### 1. Model No., trademark:

Trademark	EDIFIER
Model Name	EDF200220

### 2. Name and address of the manufacturer:

Name of the manufacturer	Edifier International Limited
Address	P.O. Box 6264 General Post Office, Hong Kong

### 3. This declaration of conformity is issued under the sole responsibility of the manufacturer.

### 4. Object of the declaration:

Product Name	Model Name	Sales Name
Wireless Over-ear Noise Cancelling Headphones	EDF200220	W820NB Plus

### 5. The object of the declaration described above is in conformity with the relevant Union harmonisation legislation directive and Other Union harmonisation legislation where applicable:

Radio Equipment Directive 2014/53/EU
RoHS Directive

### 6. References to the relevant harmonised standards or the common specifications used or references to the other technical specifications in relation to which conformity is declared:

Radio Equipment Directive	EN 55032: 2015+A11:2020+A1:2020; EN 61000-3-3: 2013+ A1:2019+A2:2021; EN IEC 61000-3-2: 2019+A1:2021+A2:2024; EN 55035: 2017+A11:2020; EN 301 489-1 V2.2.3; EN 301 489-17 V3.3.1; EN 300 328 V2.2.2; EN 62479:2010; EN IEC 62368-1:2020+A11:2020; EN IEC 62680-1-3:2022; EN 18031-2:2024
RoHS Directive	Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment, 2011/65/EU Annex II and its amendment Directive (EU) 2015/863 as well as RoHS harmonized standard EN IEC 63000: 2018.

### 7. EU Authorized Representatives Details:

**Name:** THEMIS AR Unterstützung UG      **Contact Person:** Christopher Jones

**Address:** Beedstrasse 54, In Dusseldorf, (40468),Deutschland      **E-mail:** legal@themisar.com

Signature:



**Printed name:** Li Lanqiang

**Position:** Certification Center manager

**Place and date of issue:** Dongguan 2025-7-7



## Built-in Li-ion battery

Name	Model	Trademark	Ratings and principal characteristics
Rechargeable Li-ion Battery	CEL423040	CEL	3.7V, 480mAh, 1.776Wh



### EU DECLARATION OF CONFORMITY

1. Model No., trademark:

Trademark	CEL
Battery Category	Portable Battery
Model Name	N/A

2. Name and address of the manufacturer:

Name of the manufacturer	Dongguan Golden CEL Battery Co., Ltd.
Address	No.11, Yinhu Industrial park, JiaoYiTangManagement Zone, Tangxia, DongGuan, GuangDong, P.R. China

3. This declaration of conformity is issued under the sole responsibility of the manufacturer.

4. Object of the declaration:

Product	All CEL batteries for EDIFIER
Ratings and principal characteristics	Please see the signed Specification for details.
Photo	Please see the signed Specification for details.

5. We herewith declare that the above mentioned products meet the provisions of the battery regulation (EU) 2023/1542 .The CE mark as shown below can be used , under the responsibility of the manufacturer after completion of an EU Declaration of Conformity and compliance with all relevant EU Directives and regulations.



Signature:

Printed name:

Position:

Place and date of issue:



Dongguan Golden CEL Battery Co., Ltd.  
 No.11, Yinhu Industrial park, JiaoYiTangManagement Zone, Tangxia, DongGuan, GuangDong, P.R. China  
 0769-82195301 . 0769-87982226 . www.celbattery.com

## ΔΗΛΩΣΗ ΣΥΜΜΟΡΦΩΣΗΣ ΕΕ

## 1. Αρ. μοντέλου, εμπορικό σήμα:

Εμπορικό σήμα	EDIFIER
Όνομα μοντέλου	EDF200220

## 2. Όνομα και διεύθυνση του κατασκευαστή:

Όνομα του κατασκευαστή	Edifier International Limited
Διεύθυνση	Ταχυδρομική Θυρίδα 6264 Γενικό ταχυδρομείο Χονγκ Κονγκ

## 3. Αυτή η δήλωση συμμόρφωσης εκδίδεται με αποκλειστική ευθύνη του κατασκευαστή.

## 4. Αντικείμενο της δήλωσης:

Όνομα προϊόντος	Όνομα μοντέλου	Όνομα πωλήσεων
Ασύρματα ακουστικά κεφαλής over-ear με ακύρωση θορύβου	EDF200220	W820NB Plus

## 5. Το αντικείμενο της δήλωσης που περιγράφεται παραπάνω είναι σύμφωνο με τη σχετική οδηγία νομοθεσίας εναρμόνισης της Ένωσης και με άλλη νομοθεσία εναρμόνισης της Ένωσης, όπου ισχύει:

Οδηγία 2014/53/ΕΕ για τον ραδιοεξοπλισμό

Οδηγία RoHS

## 6. Παραπομπές στα σχετικά εναρμονισμένα πρότυπα ή στις κοινές προδιαγραφές που χρησιμοποιούνται ή παραπομπές σε άλλες τεχνικές προδιαγραφές σε σχέση με τις οποίες δηλώνεται η συμμόρφωση:

Οδηγία για τον ραδιοεξοπλισμό	EN 55032: 2015+A11:2020+A1:2020; EN 61000-3-3: 2013+A1:2019+A2:2021; EN IEC 61000-3-2: 2019+A1:2021+A2:2024; EN 55035: 2017+A11:2020; EN 301 489-1 V2.2.3; EN 301 489-17 V3.3.1; EN 300 328 V2.2.2; EN 62479:2010; EN IEC 62368-1:2020+A11:2020; EN IEC 62680-1-3:2022; EN 18031-2:2024
Οδηγία RoHS	Περιορισμός της χρήσης ορισμένων επικίνδυνων ουσιών σε ηλεκτρικό και ηλεκτρονικό εξοπλισμό, 2011/65/ΕΕ Παράρτημα II και τροποποιητική Οδηγία (ΕΕ) 2015/863 καθώς και εναρμονισμένο πρότυπο RoHS EN IEC 63000: 2018.

## 7. Στοιχεία εξουσιοδοτημένων αντιπροσώπων της ΕΕ:

Όνομα: THEMIS AR Unterstützung UG Υπεύθυνος επικοινωνίας: Christopher Jones

Διεύθυνση: Beedstrasse 54, In Dusseldorf, (40468), Deutschland E-mail: legal@themisar.com

Υπογραφή:

Εκτυπωμένο όνομα: Li Lanqiang

Θέση: Υπεύθυνος κέντρου πιστοποίησης

Τόπος και ημερομηνία έκδοσης: DongGuan 2025-10-9