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Edifier W830NB

Edifier W830NB Wireless Over Ear Headphones Instruction Manual

Model: W830NB | Brand: Edifier

INTRODUCTION

The Edifier W830NB Wireless Over Ear Headphones offer a premium audio experience with advanced features designed for comfort and performance. These headphones are equipped with cutting-edge technology to deliver high-resolution sound, effective noise cancellation, and extended playtime, making them ideal for various listening environments.



Figure 1: Edifier W830NB Wireless Over Ear Headphones.

Key Features:

- **Hi-Res Audio with LDAC:** Features 40mm large dynamic drivers and supports LDAC high-definition decoding for Hi-Res Wireless audio, transmitting at a transfer rate of 990kbps, offering 3X music detail of standard Bluetooth codes.
- **-45dB Active Noise Cancellation:** Upgraded hybrid digital noise-canceling technology achieves noise reduction

of up to -45dB, with four selectable ANC modes.

- **Immersive Spatial Audio:** Utilizes a three-dimensional sound stage algorithm for a cinema-level surround atmosphere.
- **Extended Playtime & Fast Charging:** Offers up to 94 hours of continuous music playback with ANC off, and 10 hours of use from a 15-minute charge.
- **DNN Noise Reduction for Clear Calls:** Deep Neural Network (DNN) technology intelligently separates human voices from noise for clear conversations.
- **All-day Comfort & Foldable Design:** Ergonomic design with soft earpads and an adjustable headband, weighing approximately 265g, with a fully foldable design for portability.
- **Latest Bluetooth V5.4 Technology:** Ensures a more stable and smooth connection.
- **Multipoint Connection:** Capable of connecting to two Bluetooth audio devices simultaneously (feature disabled by default, enable via EDIFIER ConneX App).
- **Customizable Settings:** Three preset EQs available in the EDIFIER ConneX App, which also supports custom EQs.

SETUP

Charging the Headphones

Before first use, fully charge your Edifier W830NB headphones. Connect the included USB-C audio cable to the charging port on the headphones and the other end to a compatible USB power source. A full charge provides up to 94 hours of playback with Active Noise Cancellation (ANC) off, or 54 hours with ANC on. For quick power, a 15-minute charge can provide up to 10 hours of listening time.

ASTONISHING 94 HOURS PLAYTIME

FAST CHARGING

15mins 
10hrs playtime

54H
ANC ON

94H
ANC OFF



Figure 2: Charging and Playtime Overview.

Bluetooth Pairing

To pair your headphones with a device:

1. Ensure the headphones are charged and powered on.
2. Activate Bluetooth on your source device (e.g., smartphone, laptop).
3. The headphones should appear in the list of available Bluetooth devices as "EDIFIER W830NB". Select it to connect.
4. Once connected, a voice prompt will confirm successful pairing.

The W830NB headphones feature the latest Bluetooth V5.4 technology for a stable and smooth connection. They also support multipoint connection, allowing simultaneous connection to two devices. This feature can be enabled via the EDIFIER ConneX App.

LATEST BLUETOOTH V5.4 MULTI-POINT CONNECTION

 Bluetooth V5.4



Figure 3: Bluetooth V5.4 and Multipoint Connection.

OPERATING THE HEADPHONES

Controls Overview

The Edifier W830NB headphones feature intuitive button controls located on the earcup. Refer to the diagram below for specific functions:

EDIFIER ConneX App

Personalize your listening experience for your preference via the EDIFIER ConneX App.



Figure 4: Headphone Control Diagram.

Active Noise Cancellation (ANC) Modes

The W830NB headphones offer upgraded hybrid digital noise-canceling technology, reducing noise by up to -45dB. You can switch between four ANC modes to suit your environment:

- **High Noise Cancellation:** For maximum noise reduction in very noisy environments.
- **Low Noise Cancellation:** For moderate noise reduction.
- **Wind Reduction:** Specifically designed to minimize wind noise.
- **Ambient Sound:** Allows you to hear your surroundings while still enjoying your audio.

Press the dedicated ANC button on the earcup to cycle through these modes.

-45dB NOISE CANCELLATION MUTE THE OUTSIDE WORLD

_HIGH NOISE CANCELLATION

LOW NOISE CANCELLATION

WIND REDUCTION

AMBIENT SOUND

45 dB



Figure 5: Active Noise Cancellation Features.

Spatial Audio

Experience immersive audio with the three-dimensional sound stage algorithm. This feature creates a cinema-level surround atmosphere, enhancing your listening experience for movies, games, and music.

IMMERSIVE SPATIAL AUDIO

A three dimensional sound stage algorithm.



Figure 6: Immersive Spatial Audio.

Crystal-Clear Call Quality

The integrated Deep Neural Network (DNN) noise reduction technology ensures your calls are crystal clear, even in noisy environments. It intelligently recognizes speech and precisely separates human voices from background noise.

CRYSTAL-CLEAR CALL

DNN noise reduction technology intelligently separates human voices from noise, enabling clear conversation even on noisy streets.



Figure 7: DNN Noise Reduction for Calls.

Game Mode

Activate Game Mode for a more immersive gaming experience. With a low latency of 0.08 seconds and enhanced game sound effects, you'll enjoy responsive and engaging gameplay.

Unrestricted and More Convenient

Comes with a USB-C audio cable, allowing you to effortlessly transition to wired mode when the battery runs out, guaranteeing uninterrupted listening.



Figure 8: Game Mode for Enhanced Experience.

MAINTENANCE

General Care and Cleaning

- Wipe the headphones with a soft, dry cloth. Do not use harsh chemicals or abrasive materials.
- Avoid exposing the headphones to extreme temperatures, humidity, or direct sunlight.
- The headphones are not water resistant. Avoid contact with liquids.
- Store the headphones in their folded position in a protective case when not in use to prevent damage.

ALL-DAY COMFORT FOLDABLE & PORTABLE DESIGN



Figure 9: Comfort and Foldable Design.

TROUBLESHOOTING

Common Issues and Solutions

- **No Power:** Ensure the headphones are fully charged.
- **Cannot Pair:** Make sure Bluetooth is enabled on your device and the headphones are in pairing mode. Try restarting both devices.
- **No Sound:** Check the volume levels on both the headphones and your connected device. Ensure the headphones are correctly paired.
- **Poor Sound Quality:** Ensure there are no obstructions between the headphones and the device. Try moving closer to the device. Check if LDAC is enabled in the app for Hi-Res audio.
- **ANC Not Effective:** Ensure the earcups form a good seal around your ears. Adjust the ANC mode via the

controls or the EDIFIER ConneX App.

EDIFIER ConneX App

The EDIFIER ConneX App allows you to personalize your listening experience and manage various settings. It offers features such as:

- Adjusting ANC modes.
- Selecting from three preset EQs or creating custom EQs.
- Accessing the 'find my product' feature.
- Controlling other settings and features.

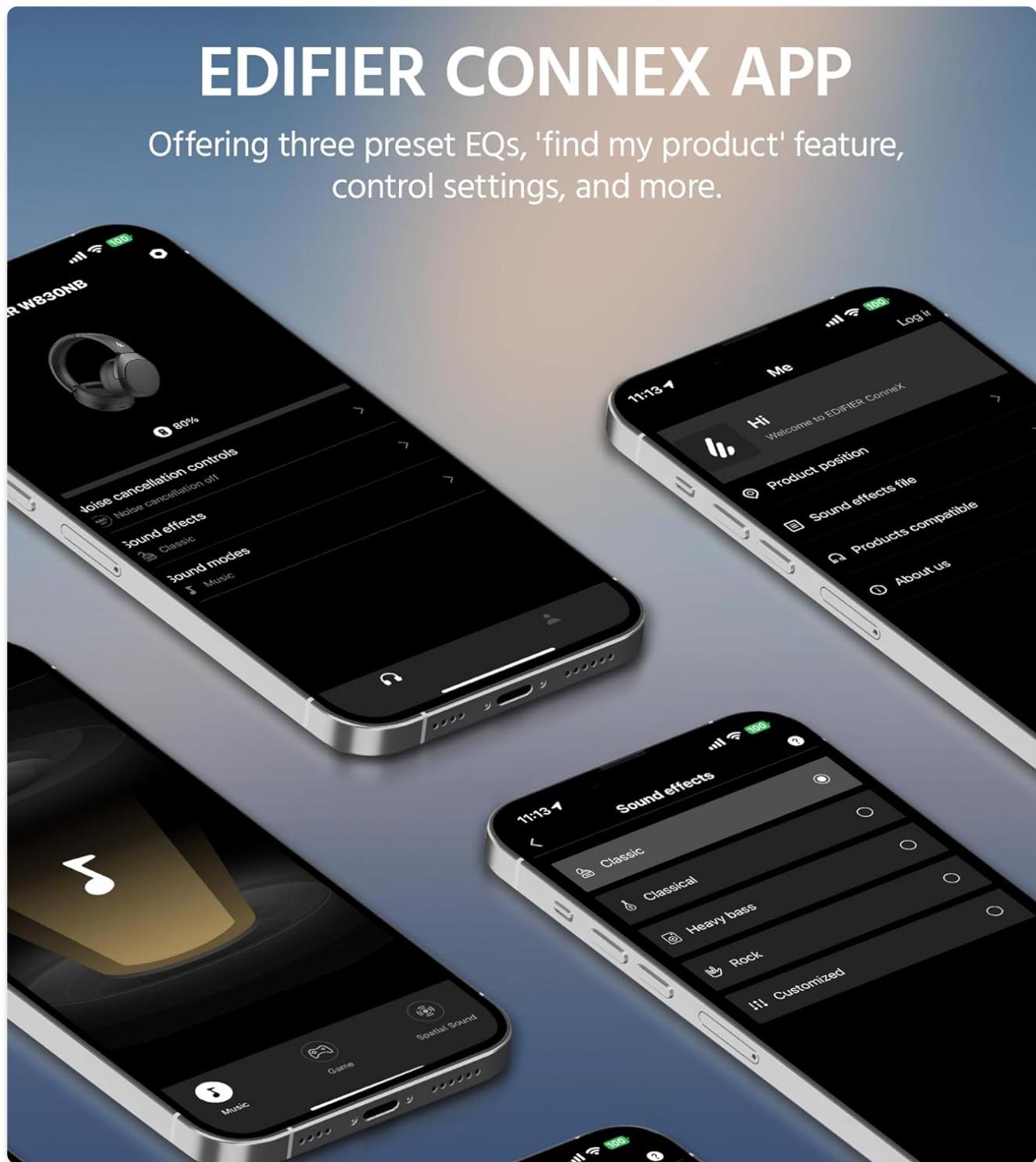


Figure 10: EDIFIER ConneX App Interface.

SPECIFICATIONS

Feature	Specification
Model Name	W830NB
Noise Control	Active Noise Cancellation
Connectivity Technology	Wireless (Bluetooth V5.4)
Audio Driver Size	40 Millimeters (Dynamic Driver)
Frequency Range	20 Hz - 40,000 Hz
Battery Life	94 Hours (ANC Off)
Charging Time	15 minutes (for 10 hours use)
Headphones Jack	Type-C
Item Weight	267 Grams (9.4 ounces)
Material	Plastic, Metal
Water Resistance Level	Not Water Resistant
Control Type	APP, Button
Ear Placement	Over Ear

WARRANTY & SUPPORT

Product Warranty

This product comes with a one-year warranty, guaranteeing its performance and providing you with reliable support. Please retain your proof of purchase for warranty claims.

Customer Support

For any inquiries, technical assistance, or warranty claims, please contact Edifier customer support through their official website or the contact information provided in your product packaging. You can also visit the [Edifier Store on Amazon](#) for more information and resources.

Related Documents - W830NB

EDIFIER



W80
Wireless Noise Cancelling Over-Ear Headphones
Model EDPER8000

— Manual — **BC**

EN 1. Power ON/OFF



Press and hold the power button to power on/off.

2. First pairing



1. Once powered on, the headphones will automatically enter Bluetooth pairing mode.
2. Select 'EDIFIER W80' from your device list to connect.

3. Pairing for new device



1. On ON state, press and hold the 'i' button for about 5 seconds to enter Bluetooth pairing mode.
2. Select 'EDIFIER W80' from your device list to connect.

4. Controls

• **Call**



• **Music**



• **Mode**



5. Multipoint connection



1. Pair device A with the headphones successfully.
2. Turn on device B and enter the Bluetooth pairing mode, and then select 'EDIFIER W80' in device B settings.
3. Select 'EDIFIER W80' again in device A settings to complete the multipoint connection.

6. Wired listening



Connect the AUX audio cable to the headphones.
The headphones will automatically enter Bluetooth mode.

7. Reset



1. In ON state, press the '+' and '-' buttons for 5 seconds, LED will blink white and the device will connect.
2. Then the headphones will automatically enter Bluetooth pairing mode.

8. Charging



Connect the headphones to a power source via the USB-C cable for charging.
Input: 5V⎓1A
Note: Do not use the USB-C port to connect the phone charging.

[Edifier W80 Wireless Noise Cancelling Over-Ear Headphones User Manual](#)

User manual for the Edifier W80 wireless noise-cancelling over-ear headphones, covering power on/off, Bluetooth pairing, call and music controls, volume adjustment, mode selection, multipoint connection, wired listening, resetting the device, and charging instructions.

EDIFIER

WH950NB
Wireless Noise Cancelling Over-ear headphones
Model: EDP2021a

— Manual — 

EN 1. Power ON/OFF



1. Once powered on, the headphones will automatically enter Bluetooth pairing mode.
2. Select 'EDIFIER WH950NB' from your device list to connect.

2. First pairing



3. Pairing for new device



4. Controls

• Call



• Music



• Mode



5. Multipoint connection



6. Wired listening



7. Reset



8. Charging



EN 1003-2:
Built-in microphones for hands-free smartphone calls.

[Edifier W830NB Wireless Over-Ear Headphones User Manual](#)

This manual provides instructions for using the Edifier W830NB Wireless Over-Ear Headphones with Active Noise Cancellation, covering power, pairing, controls, charging, and reset procedures.



[EDIFIER ES850NB Active Noise Cancelling Headphones User Manual](#)

Comprehensive user manual for the EDIFIER ES850NB active noise cancelling over-ear headphones, covering setup, pairing, controls, charging, and troubleshooting.

