

## Edifier WH700NB

# Edifier WH700NB Wireless Headphones User Manual

Model: **WH700NB** | Brand: **Edifier**

## 1. INTRODUCTION

Thank you for choosing the Edifier WH700NB Wireless Active Noise Cancellation Over-Ear Headphones. These headphones are designed to provide a superior audio experience with advanced features for daily use, travel, and gaming. Key features include:

- **Ultra-Long Playback:** Up to 68 hours with ANC off, 45 hours with ANC on. Quick charge provides 8 hours from 10 minutes.
- **Advanced Noise Cancellation:** Active Noise Cancellation (ANC) for immersive audio and Ambient Mode for environmental awareness.
- **Crystal-Clear Communications:** Single microphone with DNN noise cancellation for clear calls.
- **Versatile Dual Connection:** Seamlessly switch between two connected devices.
- **Gamer-Friendly Features:** Ultra-low latency (0.08s) in Game Mode.
- **Foldable & Lightweight Design:** Ideal for portability and comfort.

## 2. PRODUCT OVERVIEW



The Edifier WH700NB headphones in grey, showcasing their sleek over-ear design.



Active Noise  
Cancellation



Dual Device  
Connection



Game  
Mode



Bluetooth  
Version 5.3



Single  
MIC + DNN ENC



68 hrs Playback  
(ANC OFF)



10 min Charge =  
8 hrs Playtime



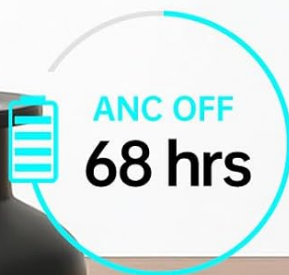
Foldable &  
Lightweight



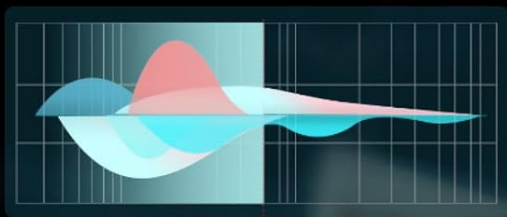
An overview of the WH700NB's core functionalities: Active Noise Cancellation, Dual Device Connection, Game Mode, Bluetooth 5.3, Single MIC + DNN ENC, 68 hrs Playback (ANC OFF), 10 min Charge = 8 hrs Playtime, and Foldable & Lightweight design.

# Ultra-Long Battery Life

Up to 68 hours of continuous playback with ANC OFF (ANC ON: 45 hrs).



Visual representation of the impressive battery life: 68 hours with ANC off, 45 hours with ANC on, and 8 hours of playtime from a 10-minute charge.



## Active Noise Cancellation with Ambient Mode

ANC technology isolates unwanted noise, while Ambient Mode lets you hear environmental sounds.

A user experiencing Active Noise Cancellation, highlighting the ability to isolate unwanted noise or switch to Ambient Mode to hear surroundings.

# Crystal Clear Call Quality

Single microphone with  
DNN noise cancellation.



The headphones offer crystal clear call quality thanks to the single microphone with DNN noise cancellation.

A pair of black over-ear headphones with a leather-like headband and ear cushions is positioned on a light-colored wooden desk. The headphones are partially folded. In the background, a silver laptop is visible, showing its keyboard with keys like 'control', 'option', 'command', 'X', 'C', 'V', 'B', 'N', 'M', 'J', 'K', 'L', 'U', 'I', 'O', 'P', and 'command'. To the right of the headphones, a portion of a black smartphone is visible, showing its triple-camera system. The overall scene is well-lit, highlighting the textures of the wood, the laptop, and the headphones.

## Dual Device Connection

Effortlessly switch between music, online meetings, videos, and calls on two different devices at the same time.

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## Dual Device Connection

Effortlessly switch between music, online meetings, videos, and calls on two different devices at the same time.

Effortless dual device connection allows users to switch between music, calls, and meetings on two different devices simultaneously.

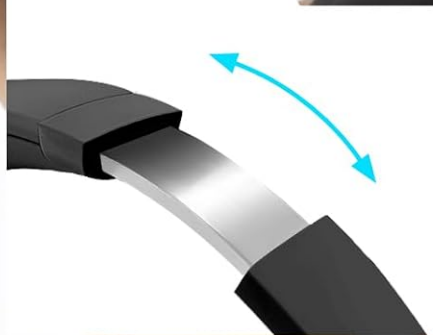
# Foldable & Lightweight Design

Ideal for daily use and travel.

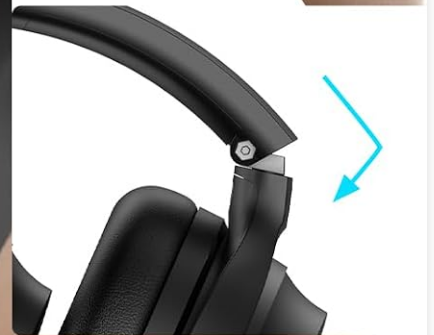
Comfortable



Adjustable



Foldable



The foldable and lightweight design ensures comfort and portability, making them ideal for daily use and travel. Insets show comfortable earcups, adjustable headband, and the folding mechanism.

**EDIFIER**

## WH700NB

Active Noise Cancellation Headphones  
Hear More of What You Love



Dual Device  
Connection



Game  
Mode



Bluetooth  
Version 5.3



Single  
MIC + DNN ENC



68 hrs Playback  
(ANC OFF)



10 min Charge =  
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Detailed diagram illustrating the button controls on the Edifier WH700NB headphones for playback, calls, and mode switching.

### 3. SETUP

#### 3.1 Charging the Headphones

Before first use, fully charge your Edifier WH700NB headphones. Use the provided USB-C charging cable and connect it to a compatible USB power source.

- A full charge provides up to 68 hours of playback (ANC off).
- A quick 10-minute charge can provide up to 8 hours of listening time.
- The LED indicator will show charging status (refer to the full manual for specific light patterns).

#### 3.2 Bluetooth Pairing

To connect your headphones to a device:

1. Ensure the headphones are powered off.
2. Press and hold the Power button for approximately 3 seconds until the LED indicator flashes rapidly (indicating pairing mode).
3. On your device (smartphone, tablet, computer), enable Bluetooth and search for available devices.
4. Select "Edifier WH700NB" from the list.
5. Once connected, the LED indicator will show a steady light or slow flash (refer to the full manual).

#### 3.3 Dual Device Connection

The WH700NB supports simultaneous connection to two Bluetooth devices:

1. Connect the first device following the Bluetooth pairing steps above.
2. After connecting the first device, press and hold the Bluetooth button (or multi-function button, refer to control diagram) for 3 seconds to enter pairing mode again.

- 3. Connect the second device.
- 4. The headphones will now be connected to both devices. Audio will automatically switch between devices based on active playback or incoming calls.

### 3.4 Edifier Connect App

Enhance your experience by downloading the Edifier Connect App from your device's app store. The app allows for:

- Customizing sound settings (EQ).
- Switching between ANC, Ambient Sound, and Normal modes.
- Accessing Game Mode.
- Firmware updates and more.

## 4. OPERATING INSTRUCTIONS

### 4.1 Basic Controls

| Function                                             | Action                                    |
|------------------------------------------------------|-------------------------------------------|
| Power On/Off                                         | Press and hold Power button for 3 seconds |
| Play/Pause                                           | Single press Multi-function button        |
| Volume Up                                            | Single press Volume + button              |
| Volume Down                                          | Single press Volume - button              |
| Next Track                                           | Press and hold Volume + button            |
| Previous Track                                       | Press and hold Volume - button            |
| Answer/End Call                                      | Single press Multi-function button        |
| Reject Call                                          | Press and hold Multi-function button      |
| Activate Voice Assistant                             | Double press Multi-function button        |
| Switch Noise Cancellation Modes (ANC/Ambient/Normal) | Single press ANC button                   |
| Game Mode On/Off                                     | Double press Game Mode button             |

*Note: Refer to the detailed control diagram image in Section 2 for button locations.*

## 5. MAINTENANCE

### 5.1 Cleaning

- Wipe the headphones with a soft, dry cloth.
- Do not use abrasive cleaners, alcohol, or chemical solvents.
- Keep moisture out of the charging port and microphone openings.

### 5.2 Storage

- When not in use, store the headphones in a cool, dry place.

- Utilize the foldable design to minimize space and protect the earcups.
- Avoid exposing headphones to extreme temperatures or direct sunlight for prolonged periods.

### 5.3 Battery Care

- Charge the headphones regularly, even if not used frequently, to maintain battery health.
- Avoid completely draining the battery before recharging.

## 6. TROUBLESHOOTING

| Problem                   | Possible Solution                                                                                                                                             |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Headphones won't power on | Ensure the battery is charged. Connect to a power source and try again.                                                                                       |
| Cannot pair with device   | Ensure headphones are in pairing mode (rapidly flashing LED). Turn off and on Bluetooth on your device. Clear previous Bluetooth connections on both devices. |
| No sound or low volume    | Check volume levels on both headphones and connected device. Ensure headphones are properly connected. Try restarting both devices.                           |
| ANC not effective         | Ensure earcups form a good seal around your ears. Check that ANC mode is activated (single press ANC button).                                                 |
| Intermittent connection   | Ensure no obstacles between headphones and device. Move closer to the device. Avoid strong electromagnetic interference.                                      |

For further assistance, please refer to the official Edifier support website or contact customer service.

## 7. SPECIFICATIONS

| Feature                   | Detail                          |
|---------------------------|---------------------------------|
| Model Name                | WH700NB                         |
| Connectivity Technology   | Wireless (Bluetooth)            |
| Bluetooth Version         | 5.3                             |
| Bluetooth Range           | 10 Meters                       |
| Noise Control             | Active Noise Cancellation       |
| Battery Life (ANC Off)    | 68 Hours                        |
| Battery Life (ANC On)     | 45 Hours                        |
| Quick Charge              | 10 minutes for 8 hours playtime |
| Audio Latency (Game Mode) | 80 Milliseconds                 |
| Frequency Response        | 20Hz - 20KHz                    |
| Audio Driver Type         | Dynamic Driver                  |

| Feature             | Detail                                                                         |
|---------------------|--------------------------------------------------------------------------------|
| Earpiece Shape      | Over Ear                                                                       |
| Material            | Plastic                                                                        |
| Item Weight         | 14.1 ounces (400 Grams)                                                        |
| Product Dimensions  | 7.4 x 3.46 x 9.45 inches                                                       |
| Included Components | Headphones (without cable - refers to audio cable, charging cable is included) |

## 8. WARRANTY AND SUPPORT

Edifier products are designed and manufactured to the highest quality standards. For warranty information, product registration, and technical support, please visit the official Edifier website or contact their customer service department.

**Edifier Official Store:** [Visit the Edifier Store on Amazon](#)

Please retain your proof of purchase for any warranty claims.

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### ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

**Name**

Anonymous

**Email**

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

**Question**

Example: How do I reset this device or fix this error?

**Details**

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

