**EarFun TW220W**

# EarFun Air 2 NC Wireless Earbuds User Manual

**Brand:** EarFun
**Model:** TW220W

## 1. INTRODUCTION

Thank you for choosing the EarFun Air 2 NC Wireless Earbuds. This manual provides detailed instructions for setting up, operating, and maintaining your earbuds to ensure the best possible audio experience. These earbuds feature adaptive hybrid noise cancellation, Hi-Res sound with LDAC, and advanced call clarity.

### Key Features:

- **Hi-Res Sound with LDAC:** Enjoy rich, detailed audio with 11mm wool composite drivers and LDAC support.
- **Adaptive Hybrid Active Noise Cancellation:** Blocks out noise up to 45dB, adapting to your environment.
- **6-Mic AI ENC for Clear Calls:** Ensures crisp voice clarity even in noisy conditions.
- **Bluetooth 5.3 with Multipoint Connection:** Stable, reliable connection with simultaneous pairing to two devices.
- **Google Fast Pair:** Quick and easy setup for Android devices.
- **Up to 40 Hours Playtime:** 9 hours on a single charge, plus 31 hours with the charging case.
- **EarFun App Customization:** Personalize sound profiles and controls.
- **IPX5 Water Resistance:** Withstands sweat and light rain.

## 2. WHAT'S IN THE BOX

- EarFun Air 2 NC Adaptive Hybrid ANC Earbuds
- Charging Case
- USB-C Cable
- Eartips (Multiple Sizes)
- User Manual (This Document)

Image: EarFun Air 2 NC Earbuds, Charging Case, USB-C Cable, and Eartips.

# 3. SETUP

## 3.1 Charging the Earbuds and Case

Before first use, fully charge the earbuds and charging case.

1. Place the earbuds into the charging case. Ensure they are correctly seated.
2. Connect the USB-C cable to the charging port on the case and to a power source. The indicator light on the case will show charging status.
3. Alternatively, place the charging case on a wireless charging pad for wireless charging.
4. A full charge provides up to 9 hours of playtime for the earbuds and an additional 31 hours with the charging case.

# Enduring Battery Life

**9**<sup>H</sup>

SINGLE CHARGE

**40**<sup>H</sup>

WITH CHARGING CASE

*In ANC mode, the playtime of single charge is 6H, total 27H with charging case.
*The usage time varies by volume level and audio content.

Image: Earbuds in charging case, showing 9 hours single charge and 40 hours with case.

## 3.2 Pairing with Your Device

The earbuds support Bluetooth 5.3 and Google Fast Pair for seamless connection.

1. Open the charging case. The earbuds will automatically enter pairing mode (indicator lights will flash).
2. On your device (smartphone, tablet, laptop), enable Bluetooth.
3. Search for "EarFun Air 2 NC" in the list of available Bluetooth devices and select it to connect.
4. For Android devices, Google Fast Pair will prompt a connection request automatically when the case is opened nearby.
5. **Multipoint Connection:** To connect to a second device, disconnect from the first device, then pair with the second. The earbuds will remember both connections and allow switching.

# 6 Mics AI ENC Clear Call

Pick up your voice precisely and blocks out background noise with 6 mics and AI algorithm technology.

Feedforward Mic

Feedback Mic

Talk Mic

Image: Faster Pairing with Google Fast Pair and Bluetooth 5.3.

## 3.3 Choosing the Right Eartips

Selecting the correct eartip size is crucial for comfort, sound quality, and effective noise cancellation. Experiment with the included XS, S, M, and L eartips to find the best fit for your ears.

# Stable and Comfortable Design

Find the suitable eartip size then wear it all day long for exercise or work without any discomfort.
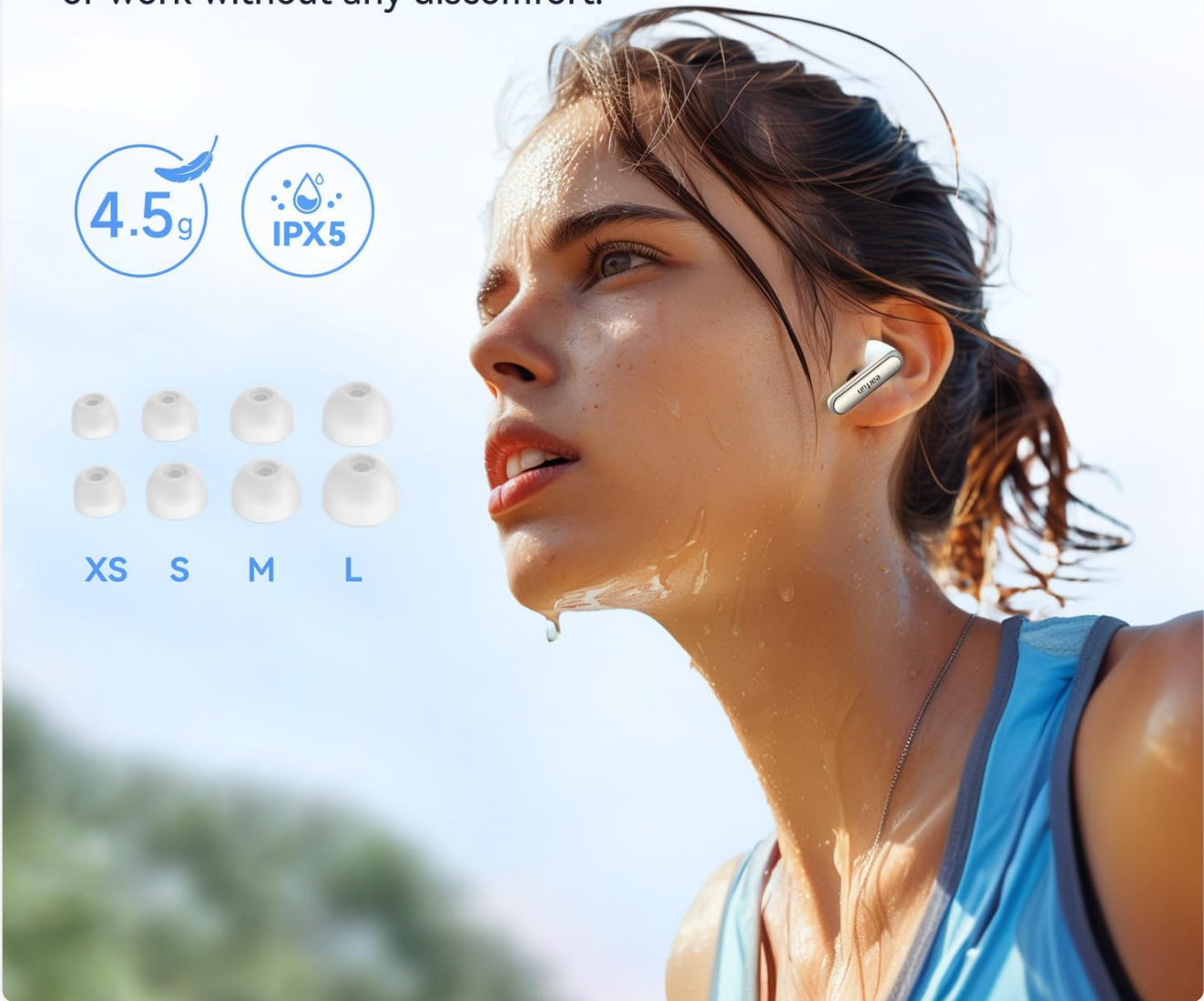
**4.5**g

**IPX5**

XS  S  M  L

Image: Detailed view of the 11mm wool composite driver for Hi-Res sound.

## 4. OPERATING THE EARBUDS

### 4.1 Touch Controls

The EarFun Air 2 NC earbuds feature intuitive touch controls. The specific functions can often be customized via the EarFun Audio App.

| Action | Function (Default) |
| --- | --- |
| Single Tap (Left/Right) | Play/Pause, Answer/End Call |
| Double Tap (Left) | Previous Track |
| Double Tap (Right) | Next Track |
| Triple Tap (Left/Right) | Activate Voice Assistant |

| Action | Function (Default) |
|---|---|
| Long Press (Left/Right) | Toggle ANC Modes (ANC On/Off/Transparency) |

## 4.2 Adaptive Hybrid Noise Cancellation (ANC)

The earbuds utilize adaptive hybrid ANC technology to automatically adjust noise cancellation levels based on your ear canal and environment, providing optimal performance up to 45dB.



Image: Adaptive Hybrid ANC in action, showing noise reduction.

## 4.3 Call Functionality

Equipped with a 6-mic array and AI-powered Environmental Noise Cancellation (ENC) technology, the earbuds ensure your voice is picked up precisely and background noise is blocked for clear calls.

# Charming Hi-Res Sound

Premium 11mm custom composite driver and LDAC Codec provides powerful bass and clear mid- and high-frequency.

**Hi·Res AUDIO WIRELESS**

**LDAC**

11mm wool driver

Image: 6 Mics AI ENC for Clear Calls, illustrating microphone placement.

## 4.4 EarFun Audio App

Download the EarFun Audio App from your device's app store to unlock full customization options:

- Adjust and create personalized sound profiles with the equalizer (EQ).
- Customize touch controls.
- Check battery levels.
- Access Adaptive Noise Cancelling settings.
- Use the 'Find Headphones' feature.
- Update firmware for improved performance.

Image: Customize via EarFun Audio App interface.

## 5. MAINTENANCE

### 5.1 Cleaning

Regular cleaning helps maintain sound quality and hygiene.

- Gently wipe the earbuds and charging case with a soft, dry, lint-free cloth.
- Remove eartips and clean them with mild soap and water. Ensure they are completely dry before reattaching.
- Use a dry cotton swab or a small, soft brush to clean the mesh and charging contacts.
- Avoid using abrasive materials, alcohol, or chemical cleaners.

### 5.2 Storage

When not in use, store the earbuds in their charging case to protect them and keep them charged. Store the case in a cool, dry place away from extreme temperatures.

# 6. TROUBLESHOOTING

## 6.1 Common Issues and Solutions

- **Earbuds not pairing:** Ensure earbuds are charged, Bluetooth is enabled on your device, and they are within range. Try resetting the earbuds.
- **Only one earbud working:** Place both earbuds back in the case, close the lid, wait a few seconds, then open again. Check if they reconnect. If not, try resetting.
- **Poor sound quality:** Ensure eartips provide a good seal. Clean any debris from the earbud mesh. Check audio settings on your device.
- **Charging issues:** Ensure the USB-C cable is securely connected and the power source is working. Clean charging contacts on both earbuds and case.

## 6.2 Resetting the Earbuds

If you experience persistent issues, a factory reset may resolve them:

1. Place both earbuds into the charging case and keep the lid open.
2. Press and hold the button on the charging case for approximately 10 seconds until the indicator lights flash red and white.
3. Release the button. The earbuds are now reset and ready for re-pairing.
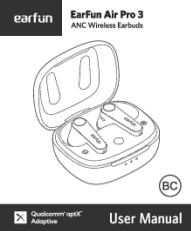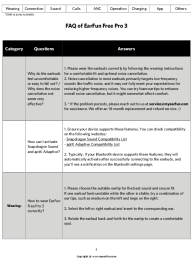
# 7. SPECIFICATIONS

| Feature | Detail |
| --- | --- |
| Model Name | EarFun Air 2 NC |
| Model Number | TW220W |
| Connectivity Technology | Wireless (Bluetooth 5.3) |
| Noise Control | Hybrid Noise Cancellation |
| Audio Driver Type | Dynamic Driver (11mm wool composite) |
| Frequency Response | 20 Hz - 20,000 Hz |
| Sensitivity | 100 dB |
| Impedance | 32 Ohm |
| Battery Life (Earbuds) | Up to 9 Hours |
| Total Playtime (with Case) | Up to 40 Hours |
| Control Type | Touch Control, App Control |
| Water Resistance Level | IPX5 (Waterproof) |
| Item Weight | 1.69 ounces (48 grams) |
| Compatible Devices | Smartphones, Laptops, Tablets, Smart Speakers |

# 8. WARRANTY & SUPPORT

For warranty information and customer support, please refer to the official EarFun website or contact their customer service directly. You can also find additional resources and FAQs on the EarFun Brand Store on Amazon.
A digital version of this user manual is available for download:User Manual (PDF)

## Related Documents

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|---|---|
| | **EarFun OpenJump Wireless Earbuds User Manual**<br>Comprehensive user manual for the EarFun OpenJump open-ear wireless earbuds, detailing features like Hi-Res Sound, LDAC, ENC calls, 42-hour playtime, multipoint connection, and IPX7 waterproofing. |
| | **EarFun Air Pro 3 ANC Wireless Earbuds User Manual**<br>Explore the EarFun Air Pro 3 ANC Wireless Earbuds. This user manual covers setup, features like Qualcomm aptX Adaptive, Bluetooth 5.3, multipoint connection, app customization, and troubleshooting for an optimal audio experience. |
| | **EarFun Free Pro 3 Wireless Earbuds FAQ and Troubleshooting Guide**<br>Comprehensive FAQ for EarFun Free Pro 3 wireless earbuds, covering setup, usage, sound, calls, ANC, app features, and common troubleshooting steps for connectivity and performance issues. |
| | **EarFun Air Pro 4 ANC Wireless Earbuds User Manual and Troubleshooting Guide**<br>Comprehensive user manual for EarFun Air Pro 4 ANC Wireless Earbuds, covering app features, pairing, in-ear detection, LDAC, reset, touch controls, LED indicators, specifications, and troubleshooting. Learn how to optimize your audio experience with these Hi-Res Audio Wireless earbuds featuring Qualcomm aptX Adaptive and Snapdragon Sound. |