

NE20

Ne20 Earbuds User Manual

Brand: **Generic** | Model: **NE20**

1. INTRODUCTION

Thank you for choosing the Ne20 Earbuds. These advanced wireless earphones are designed to provide a high-fidelity audio experience, featuring real-time AI translation, smart touch controls with an LED display, and a comfortable open-ear design. This manual will guide you through the setup, operation, maintenance, and troubleshooting of your new earbuds to ensure optimal performance and longevity.

2. KEY FEATURES

- **AI-Powered Real-time Translation:** Supports two-way translation across 140 languages, ideal for travel, business, and multicultural interactions.
- **Superior Audio Quality:** Equipped with a 14.2mm speaker and up to 48dB active noise cancellation, effectively blocking 97% of environmental noise. Features 6 EQ modes (Pop/Rock/Jazz/Classical, etc.) for immersive sound.
- **Extended Battery Life:** Enjoy up to 48 hours of total endurance with the charging case (6-8 hours per charge for earbuds), ensuring long-lasting use.
- **Smart Touchscreen & Lifestyle Hub:** Intuitive LCD touchscreen on the charging case allows control of music, calls, translation settings, alarms, noise modes, and even includes stress-relief games.
- **Ultra-low Latency Bluetooth 6.0:** Dual-channel transmission and adaptive signal enhancement technology reduce latency to 0.06 seconds, providing seamless and stable performance for gaming, video playback, and calls.
- **Comfortable & Secure Fit:** Ultra-light 8g open-ear design ensures all-day comfort and a secure fit, even during physical activity.
- **IPX6 Waterproof Rating:** Designed to be resistant to heavy sweat and splashes, making them suitable for exercise and outdoor use.



Figure 2.1: Ne20 Earbuds in black and white, with charging case and accessories.

UNIDAD MOTRIZ DE ALTA CALIDAD

Excelente calidad de sonido

Space Reverberaton lhcreises

Composite titanium nanodiaphragm



The internal structure is not fully displayed, please refer to the actual product for accuracy

Figure 2.2: Exploded view of earbud components, highlighting the 14.2mm drive unit.



Figure 2.3: Interactive LED display on the charging case, showing various functions.

ENC CALL NOISE REDUCTION



ENC noise reduction is clear, four mics can accurately pick up sound, effectively reduce call noise.

48 hours Battery life



AMBIENT NOISE REDUCTION WITH TRANSPARENT MODE



Reduce ambient noise, such as wind noise

APP BUILT-IN STRONG AI DIALOGUE MODE



Adjust volume, switch songs, caller ID at a glance. APP built-in strongest AI

Figure 2.4: Visual representation of noise cancellation, battery life, and app features.



***IPX6 WATERPROOF RATING,
NO FEAR OF HEAVY SWEAT
DURING EXERCISE.***

Figure 2.5: Earbuds demonstrating IPX6 waterproof rating.

Headphones AI

Can translate into 134 languages



Figure 2.6: AI translation feature with multi-language support shown on display.

**Light As A Feather To Wear
Won'T Come Off Even During A Run.**



Figure 2.7: Earbuds worn during a run, emphasizing secure and lightweight design.

Large Capacity And Long Battery Life



Figure 2.8: Battery life breakdown for earbuds and charging case.

3. SETUP GUIDE

3.1. Charging the Earbuds and Case

1. Place the earbuds into the charging case, ensuring they are correctly seated.
2. Connect the provided USB charging cable to the charging port on the case and plug the other end into a USB power source (e.g., computer, wall adapter).
3. The LED display on the charging case will indicate the charging status. A full charge takes approximately 1.5 hours.
4. Ensure the case is fully charged before first use for optimal battery performance.

3.2. Bluetooth Pairing

1. Open the charging case. The earbuds will automatically enter pairing mode.

2. On your device (smartphone, tablet, etc.), go to Bluetooth settings and turn Bluetooth on.
3. Search for available devices. You should see "NE20" or a similar name appear in the list.
4. Select "NE20" to connect. Once connected, a voice prompt will confirm successful pairing.
5. If pairing fails, place the earbuds back into the case, close it, and then reopen to re-enter pairing mode.

4. OPERATING INSTRUCTIONS

4.1. Basic Controls (Touch Sensitive)

- **Play/Pause:** Single tap on either earbud.
- **Next Track:** Double tap on the right earbud.
- **Previous Track:** Double tap on the left earbud.
- **Answer/End Call:** Single tap on either earbud.
- **Reject Call:** Press and hold either earbud for 2 seconds.
- **Activate Voice Assistant:** Triple tap on either earbud.

4.2. Using the Smart Touchscreen on the Charging Case

The LED display on the charging case provides access to various functions:

- **Navigation:** Swipe left/right or up/down on the screen to browse through menus.
- **AI Translation:** Select the translation icon to access real-time translation features. Follow on-screen prompts to select languages and initiate translation.
- **Noise Modes:** Toggle between Active Noise Cancellation (ANC), Transparent Mode, and Normal Mode to adjust your listening experience.
- **EQ Modes:** Select from preset equalizer modes (Pop, Rock, Jazz, Classical, etc.) to customize your audio.
- **Other Functions:** Access features like timer, calendar, call history, and built-in games directly from the display.

4.3. AI Translation Function

The Ne20 Earbuds offer real-time two-way translation. To use this feature, ensure your earbuds are connected to your smartphone and the dedicated translation application (if required, check the included user manual for app details) is installed and running. Select the translation mode on the charging case display or via the app, choose your desired languages, and speak naturally. The translated audio will be played through the earbuds.

5. MAINTENANCE AND CARE

- **Cleaning:** Regularly clean the earbuds and charging case with a soft, dry, lint-free cloth. Do not use harsh chemicals, cleaning solvents, or strong detergents.
- **Water Resistance:** The earbuds have an IPX6 waterproof rating, meaning they are resistant to heavy sweat and splashes. Do not submerge them in water or expose them to pressurized water jets. Dry them thoroughly.

before placing them back in the charging case if they get wet.

- **Storage:** When not in use, store the earbuds in their charging case to protect them from dust and damage. Store in a cool, dry place away from extreme temperatures.
- **Battery Care:** To prolong battery life, avoid fully discharging the earbuds and charging case frequently. Charge them regularly, even if not in constant use.

6. TROUBLESHOOTING

Problem	Possible Solution
Earbuds not pairing with device.	<ul style="list-style-type: none">• Ensure earbuds are charged.• Place earbuds back in case, close, then reopen to re-enter pairing mode.• Turn Bluetooth off and on again on your device.• Forget "NE20" from your device's Bluetooth list and try pairing again.• Ensure earbuds are within Bluetooth range (approx. 10 meters).
No sound from earbuds.	<ul style="list-style-type: none">• Check device volume and earbud volume.• Ensure earbuds are properly connected to your device.• Try playing different audio sources.• Re-pair the earbuds with your device.
Charging case display is unresponsive.	<ul style="list-style-type: none">• Ensure the charging case has sufficient battery.• Try connecting the charging cable to a power source.• If the issue persists, contact customer support.
Translation feature not working.	<ul style="list-style-type: none">• Ensure earbuds are connected to your smartphone.• Verify the dedicated translation app is installed and running.• Check your internet connection, as translation may require online access.• Ensure correct source and target languages are selected.

7. TECHNICAL SPECIFICATIONS

Feature	Specification
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Feature	Specification
Model Name	NE20
Bluetooth Version	V6.0
Headphones Form Factor	In Ear (Open-Ear Design)
Connector Type	Wireless
Charging Time	Approx. 1.5 hours
Playtime/Call Time (per charge)	Approx. 6 hours
Total Battery Endurance (with case)	Up to 48 hours
Earbud Battery Capacity	30mAh (each earbud)
Case Battery Capacity	300mAh
Waterproof Rating	IPX6 (sweat & rain resistant)
Weight	0.22 lbs (0.1kg) per pair
AI Translation Languages	140 languages
Noise Cancellation	Up to 48dB Active Noise Cancellation
Speaker Size	14.2mm
Latency	0.06 seconds (ultra-low)
Parcel Dimensions	12 x 9 x 4 cm; 125 g

8. WARRANTY AND SUPPORT

Specific warranty details for the Ne20 Earbuds are not provided within the product information. For any warranty claims, technical support, or inquiries regarding your product, please contact the seller or manufacturer directly through the platform where the purchase was made. They will be able to provide the most accurate and up-to-date information regarding product support and warranty coverage.

Please refer to your purchase receipt or order details for seller contact information.

