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› [Picun](#) /

› Picun NC60 Hybrid Active Noise Cancelling Headphones User Manual

Picun NC60

Picun NC60 Hybrid Active Noise Cancelling Headphones User Manual

Model: NC60 (NC-60-BLACK)

Brand: Picun

INTRODUCTION

Welcome to the user manual for your Picun NC60 Hybrid Active Noise Cancelling Headphones. These headphones are designed to provide an immersive audio experience with advanced noise cancellation, long battery life, and versatile connectivity. This manual will guide you through the setup, operation, maintenance, and troubleshooting of your new headphones to ensure optimal performance and enjoyment.

WHAT'S IN THE BOX

Please check the package contents to ensure all items are present:

- 1 x Picun NC60 Headphone
- 1 x 3.5mm Audio Cable
- 1 x USB Charging Cable
- 1 x User Manual

PRODUCT OVERVIEW

Familiarize yourself with the physical components and controls of your Picun NC60 headphones.



Figure 1: Picun NC60 Headphones. This image displays the overall design of the black over-ear headphones, highlighting the earcups and adjustable headband.

Controls and Ports

The Picun NC60 headphones feature intuitive button controls for easy management of audio playback, calls, and noise cancellation modes.



Figure 2: Button Functionality. This diagram illustrates the location and function of the various buttons on the headphone earcup, including power, volume, track control, and ANC mode switch.

- **Power Button:** On/Off, Play/Pause, Reject Call, Answer/Hang Up.

- **Volume Up (+):** Increase volume, Next song (long press).
- **Volume Down (-):** Decrease volume, Previous song (long press).
- **ANC Button:** Toggle between Active Noise Cancellation (ANC) On, ANC Off (Normal Mode), and Transparency Mode.
- **USB-C Port:** For charging the headphones.
- **3.5mm Audio Jack:** For wired connection.

SETUP GUIDE

1. Charging the Headphones

Before first use, fully charge your headphones. Use the provided USB Type-C charging cable.

1. Connect the USB Type-C end of the charging cable to the charging port on the headphones.
2. Connect the USB-A end to a USB power adapter (e.g., phone charger, computer USB port).
3. The LED indicator will show charging status (refer to the LED indicator section in the full manual for specific light behaviors).
4. A full charge takes approximately 2 hours.

Note: A quick 5-minute charge can provide up to 6 hours of playback.

2. Bluetooth Pairing

Pair your headphones with your Bluetooth-enabled device (smartphone, tablet, laptop).

1. Ensure the headphones are fully charged.
2. Power on the headphones by pressing and holding the Power button until the LED indicator flashes blue and red, indicating pairing mode.
3. On your device, go to Bluetooth settings and turn Bluetooth on.
4. Search for available devices. Select "Picun NC60" from the list.
5. Once connected, the LED indicator on the headphones will turn solid blue or flash slowly.

Tip: The headphones support Bluetooth 5.4 for a stable and fast connection.



Figure 3: Latest Bluetooth V5.4. This image highlights the advanced wireless chip within the headphones, ensuring a stable and fast connection.

3. Picun App Customization

Enhance your audio experience by downloading the Picun app for custom EQ settings and mode switching.

- Download the "Picun" app from your device's app store (Google Play Store for Android, Apple App Store for iOS).
- Open the app and follow the on-screen instructions to connect your NC60 headphones.
- Within the app, you can customize EQ settings (treble, bass, balanced) and switch between Noise Cancellation, Normal, and Transparent modes.



Figure 4: Personalized Soundstage. This image shows various screens of the Picun app, demonstrating how users can customize EQ settings and switch between listening modes for an enhanced audio experience.

OPERATING INSTRUCTIONS

Basic Controls

- **Power On/Off:** Press and hold the Power button for 3 seconds.
- **Play/Pause:** Short press the Power button.
- **Volume Adjustment:** Short press '+' for Volume Up, short press '-' for Volume Down.
- **Next Track:** Long press '+' for 2 seconds.
- **Previous Track:** Long press '-' for 2 seconds.
- **Answer/End Call:** Short press the Power button.
- **Reject Call:** Long press the Power button for 2 seconds.

Noise Control Modes

The NC60 offers three noise control modes: Active Noise Cancellation (ANC), Normal Mode, and Transparency Mode.

- **Active Noise Cancellation (ANC):** Press the ANC button to activate. This mode significantly reduces ambient noise, ideal for travel or noisy environments.
- **Normal Mode:** Press the ANC button again to switch to Normal Mode (ANC Off). This mode provides standard audio playback without noise cancellation.
- **Transparency Mode:** Press the ANC button a third time to activate. This mode allows you to hear your surroundings clearly while still enjoying your audio, useful for awareness in urban environments or conversations.

A man with dark hair, wearing a grey jacket and a backpack, is shown from the chest up. He is wearing large, dark-colored over-ear headphones. He is smiling and looking off to the side. The background is a blurred city street with many people, suggesting a noisy environment. The overall tone is bright and positive, emphasizing the enjoyment of music despite the noise.

BLOCK OUT THE NOISE ENJOY THE MUSIC

Noise reduction up to **48dB**, dual-sensor hybrid ANC
reduces ambient noise by up to **95%**

-48dB
Noise Reduction

95%
Effectively reduce

ANC
technology

-48dB
Noise

**NOISE
REDUCTION**
4 MODE

Figure 5: Hybrid Active Noise Cancellation. This image shows a man wearing the headphones in a busy street, illustrating the effectiveness of noise reduction up to 48dB, reducing ambient noise by up to 95%.

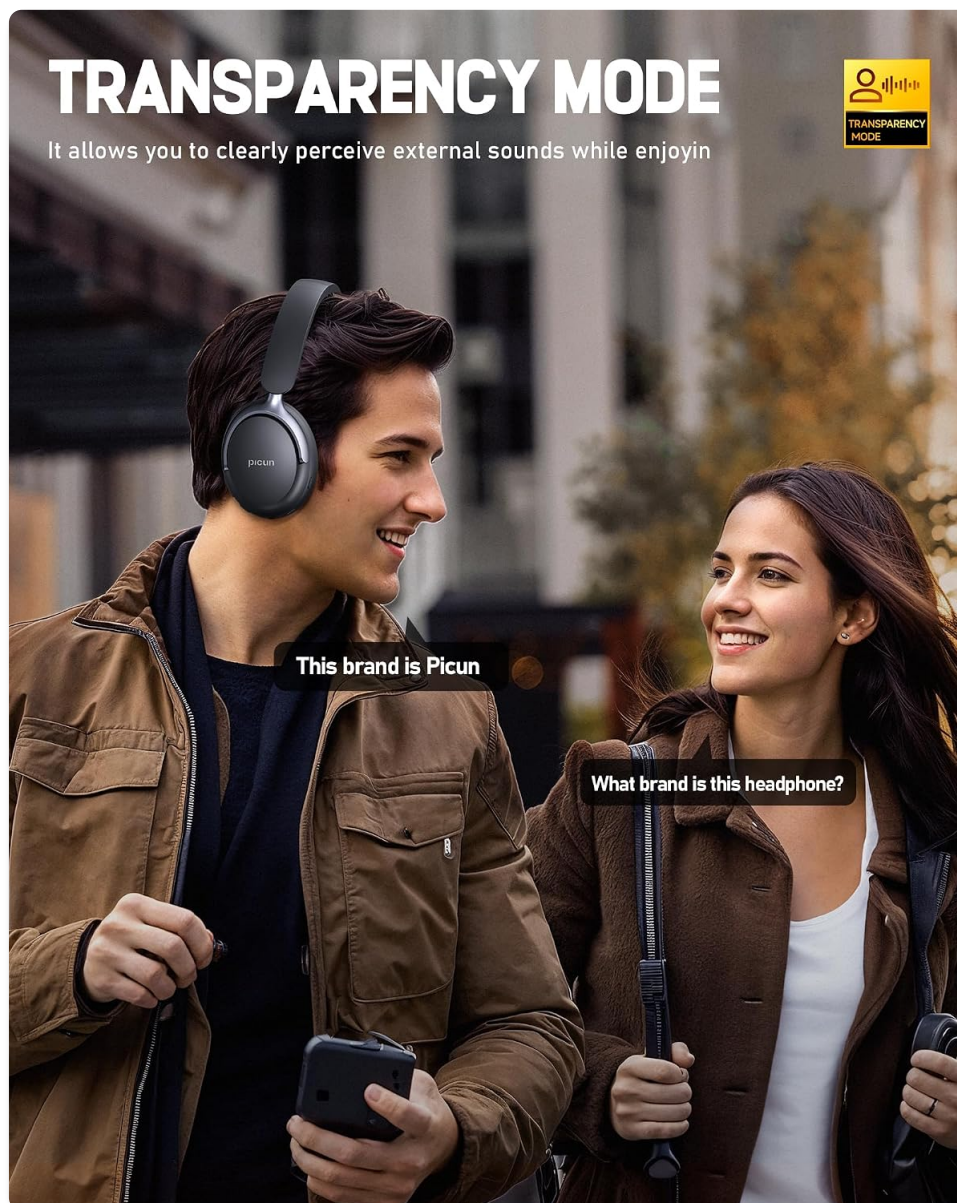


Figure 6: Transparency Mode. This image depicts a couple conversing, with one person wearing the headphones, demonstrating how Transparency Mode allows clear perception of external sounds while enjoying music.

Dual-Device Connection

The NC60 headphones support simultaneous connection to two Bluetooth devices, allowing seamless switching between them.

- Pair the headphones with your first device (e.g., smartphone).
- Disconnect Bluetooth on the first device.
- Pair the headphones with your second device (e.g., laptop).
- Reconnect Bluetooth on the first device. The headphones should now be connected to both.
- To switch audio source, simply play audio on the desired device. The headphones will automatically switch.

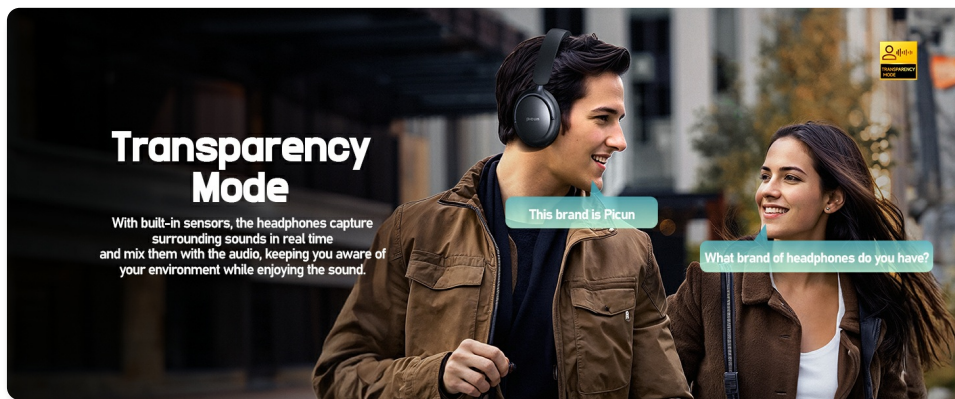


Figure 7: Dual-Device Connection. This image illustrates the headphones connected simultaneously to a smartphone and a tablet, enabling quick switching between audio sources.

Wired Mode

For extended listening or when Bluetooth is not available, use the included 3.5mm audio cable.

- Plug one end of the 3.5mm audio cable into the headphone's audio jack.
- Plug the other end into your audio source's 3.5mm output.
- The headphones will automatically switch to wired mode. Note that some headphone functions (like ANC) may require power in wired mode.

Low Latency Mode

The NC60 features a low-latency mode, reducing audio delay for a better experience when watching videos or playing games.

- Activate Low Latency Mode via the Picun app or by following specific button press combinations (refer to the full manual for details if not available in app).
- This mode synchronizes audio and video, enhancing your multimedia and gaming experience.

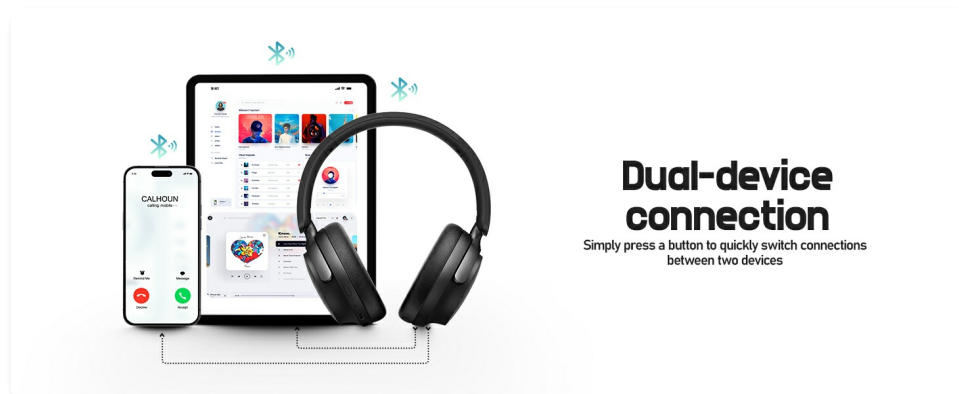


Figure 8: 30ms Low Latency. This image illustrates the headphones' low-latency mode, which ensures audio and video sync, reducing sound delay for an enhanced user experience during gaming or video playback.

MAINTENANCE AND CARE

Proper care will extend the life and performance of your headphones.

- **Cleaning:** Use a soft, dry cloth to clean the earcups and headband. Do not use harsh chemicals or abrasive materials.

- **Storage:** When not in use, store the headphones in a cool, dry place, away from direct sunlight and extreme temperatures. The foldable design allows for compact storage.
- **Battery Care:** To preserve battery life, avoid fully discharging the headphones frequently. Charge them regularly, even if not used for extended periods.
- **Water Resistance:** The headphones are water resistant, but not waterproof. Avoid exposing them to excessive moisture or submerging them in water.

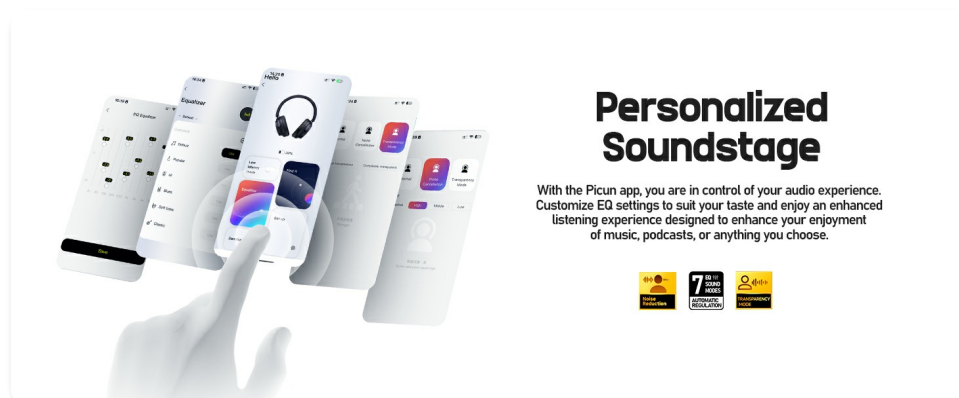


Figure 9: Comfortable Wear and Foldable Design. This image shows the soft memory cotton earcups, adjustable headband, and diagrams illustrating the 90-degree foldable and rotatable earcups for comfort and portability.

TROUBLESHOOTING

If you encounter issues with your headphones, try the following solutions:

Problem	Possible Solution
Headphones do not power on.	Ensure the headphones are fully charged. Connect to a power source and wait a few minutes before attempting to power on again.
Cannot pair with device.	◦ Ensure headphones are in pairing mode (LED flashing blue/red). ◦ Turn off and on Bluetooth on your device. ◦ Forget "Picun NC60" from your device's Bluetooth list and try pairing again. ◦ Ensure headphones are within 10 meters (33 feet) of your device.
No sound or low volume.	◦ Increase volume on both the headphones and your connected device. ◦ Ensure the headphones are properly connected via Bluetooth or 3.5mm cable. ◦ Try playing audio from a different application or source.
Poor sound quality / Static.	◦ Move closer to your device to reduce interference. ◦ Avoid obstacles between headphones and device (e.g., walls). ◦ Ensure no other strong wireless signals are interfering. ◦ Try resetting the headphones (refer to full manual for reset procedure).

Problem	Possible Solution
ANC not working effectively.	◦ Ensure the ANC mode is correctly activated (check LED indicator or app). ◦ Ensure earcups form a good seal around your ears. Adjust fit if necessary.

SPECIFICATIONS

Detailed technical specifications for the Picun NC60 Headphones:

Feature	Detail
Model Name	NC60
Connectivity Technology	Wireless (Bluetooth)
Wireless Communication Technology	Bluetooth 5.4
Noise Control	Adaptive Noise Cancellation (Hybrid ANC)
Battery Life	Up to 80 hours (ANC off), 65 hours (ANC on)
Charging Time	Approx. 2 hours (5 min charge for 6 hours playback)
Headphones Jack	3.5 mm Jack
Microphones	5 high-sensitivity microphones with ENC
Audio Driver Type	Dynamic Driver (40mm)
Frequency Range	20Hz - 20,000Hz
Impedance	32 Ohm
Material	Acrylonitrile Butadiene Styrene (ABS), Metal, Protein Leather
Item Weight	0.37 Kilograms (13.1 ounces)
Control Type	Button Control
Water Resistance Level	Water Resistant

Feature	Detail
Special Features	Adjustable Headband, Foldable, Noise Cancellation, Premium Sound Deep Bass, USB-C Fast Charging, Transparency Mode, Custom EQ via App, Dual-Device Connection, Low Latency Mode

WARRANTY AND SUPPORT

For detailed warranty information and customer support, please refer to the official Picun website or contact their customer service directly. The product typically comes with a manufacturer's warranty covering defects in materials and workmanship.

Picun Official Website: www.picun.net (Please verify the official website for the most accurate information)

For technical assistance or inquiries, please reach out to Picun customer support through the contact methods provided on their official channels.

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