

Ko-Star NB-1092

Ko-Star NB-1092 Hybrid Active Noise Cancelling Headphones User Manual

Model: NB-1092

INTRODUCTION

Thank you for choosing the Ko-Star NB-1092 Hybrid Active Noise Cancelling Headphones. This manual provides detailed instructions for setting up, operating, and maintaining your headphones to ensure optimal performance and longevity. Please read this manual thoroughly before using the product.

PRODUCT OVERVIEW

Package Contents

The following items are included in your Ko-Star NB-1092 headphone package:

- Ko-Star NB-1092 Hybrid Active Noise Cancelling Headphones
- User Manual
- Protective Case
- Charging Cable (USB-C)
- Audio Cable (3.5mm)

Key Features

- **Hybrid Active Noise Cancellation (ANC):** Reduces external noise by up to 40dB, filtering out up to 95% of machine noise.
- **Extended Playtime:** Up to 60 hours of listening time (ANC off).
- **HiFi Stereo Audio:** Equipped with dual 40mm drivers for balanced deep bass and high-resolution sound.
- **Comfortable Design:** Ultra-soft protein leather earcups, multi-angle rotation, and adjustable headband for all-day comfort.

- **Wireless & Wired Connectivity:** Supports Bluetooth 5.3 and 3.5mm audio cable connection.
- **Built-in Microphone:** For clear calls.
- **Multipoint Connection:** Seamless switching between two connected devices.

Headphone Components



Figure 1: Ko-Star NB-1092 Hybrid Active Noise Cancelling Headphones (Silver)

The headphones feature an adjustable headband and soft earcups for a comfortable fit. Controls are located on the earcups for easy access to power, volume, and ANC functions.

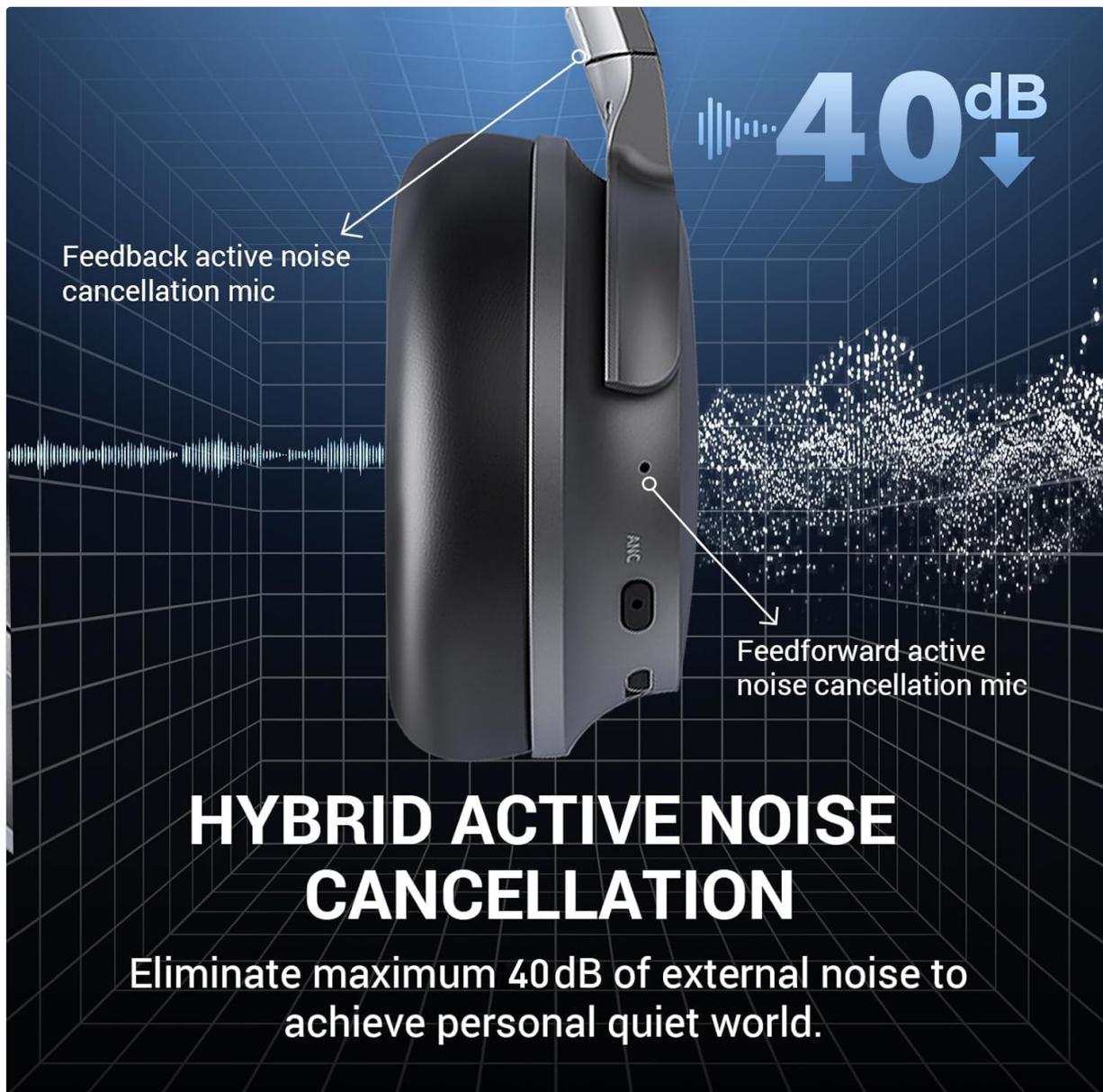


Figure 2: Earcup detail showing the ANC button and microphone port.

The left earcup typically houses the power button, volume controls, and the ANC mode button. A charging port (USB-C) and a 3.5mm audio jack are also present for versatile connectivity.

SETUP

1. Charging the Headphones

1. Connect the provided USB-C charging cable to the charging port on the headphone earcup.
2. Connect the other end of the cable to a USB power adapter (not included) or a computer's USB port.
3. The LED indicator will show the charging status. A full charge typically takes approximately 2-3 hours.
4. Once fully charged, the LED indicator will typically turn off or change color. Disconnect the charging cable.



Figure 3: Charging the headphones and battery life indication.

2. Powering On/Off

- **To Power On:** Press and hold the Power button (often combined with the Play/Pause button) for approximately 3 seconds until the LED indicator lights up and you hear an audible prompt.
- **To Power Off:** Press and hold the Power button for approximately 5 seconds until the LED indicator turns off and you hear an audible prompt.

3. Bluetooth Pairing

1. Ensure the headphones are powered off.
2. Press and hold the Power button for about 5-7 seconds until the LED indicator flashes blue and red alternately, indicating pairing mode.
3. On your device (smartphone, tablet, laptop), enable Bluetooth and search for available devices.
4. Select "KO-STAR NB-1092" from the list of found devices.
5. Once connected, the LED indicator will typically flash blue slowly or remain solid blue, and you will hear a confirmation tone.



Figure 4: Bluetooth pairing with multiple devices.

4. Wearing the Headphones

- Adjust the headband to fit comfortably over your head. The headband is adjustable to accommodate various head sizes.
- Ensure the earcups fully cover your ears for optimal sound quality and noise cancellation. The

earcups feature multi-angle rotation for a better fit.



Figure 5: Adjustable design for comfort, including multi-angle rotation and memory foam ear cups.

OPERATING INSTRUCTIONS

Controls Layout

The primary controls are located on the earcups. While specific placement may vary slightly, common functions include:

- **Power/Play/Pause Button:** Used for powering the headphones on/off, playing/pausing music, and managing calls.
- **Volume Up (+) Button:** Briefly press to increase volume; press and hold for next track.
- **Volume Down (-) Button:** Briefly press to decrease volume; press and hold for previous track.
- **ANC Button:** Cycles through Active Noise Cancellation, Transparent Mode, and ANC Off.

1. Music Playback

- **Play/Pause:** Press the Power/Play/Pause button once.
- **Next Track:** Press and hold the Volume Up (+) button.
- **Previous Track:** Press and hold the Volume Down (-) button.
- **Volume Up:** Press the Volume Up (+) button briefly.
- **Volume Down:** Press the Volume Down (-) button briefly.

2. Call Management

- **Answer/End Call:** Press the Power/Play/Pause button once.
- **Reject Call:** Press and hold the Power/Play/Pause button for 2 seconds.
- **Redial Last Number:** Double-press the Power/Play/Pause button.

3. Active Noise Cancellation (ANC) Modes

The headphones feature Hybrid Active Noise Cancellation. Press the dedicated ANC button to cycle through the following modes:

1. **ANC On:** Reduces external noise by up to 40dB, ideal for noisy environments like airplanes or busy offices.
2. **Transparent Mode:** Allows ambient sounds to pass through, enabling you to hear your surroundings while listening to audio. Useful for awareness in urban environments.
3. **ANC Off:** Disables noise cancellation, conserving battery life.

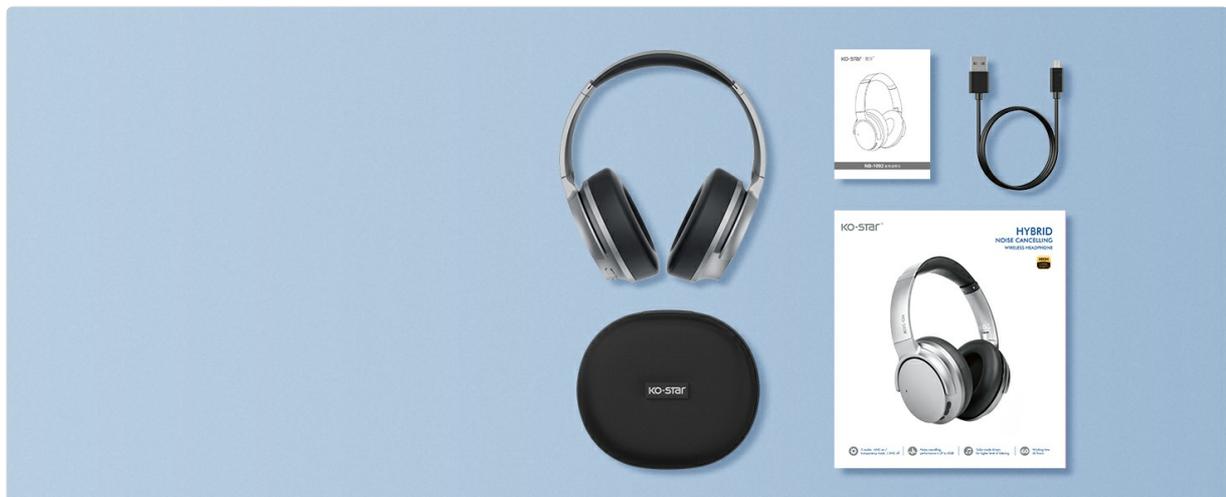


Figure 6: Illustration of Transparent Mode and ANC Mode usage.

4. Equalizer (EQ) Modes

The headphones support 3 EQ modes for customized sound profiles. Refer to the quick start guide or product packaging for specific button combinations to switch between these modes, as this information is not detailed here.

5. Multipoint Connection

The Ko-Star NB-1092 headphones support multipoint connection, allowing them to be connected to two Bluetooth devices simultaneously. This enables seamless switching between audio sources (e.g., listening to music on a laptop and answering a call on a smartphone).

1. Connect the headphones to your first device via Bluetooth as described in the "Bluetooth Pairing" section.

2. Disconnect the headphones from the first device (do not unpair).
3. Connect the headphones to your second device via Bluetooth.
4. Reconnect the headphones to your first device from its Bluetooth settings. The headphones should now be connected to both devices.

6. Wired Connection

To use the headphones in wired mode, connect one end of the provided 3.5mm audio cable to the headphone's audio jack and the other end to your audio source. In wired mode, the headphones function passively, and battery power is not required for audio playback, though ANC features may still require power.

MAINTENANCE

Cleaning

- Wipe the headphones with a soft, dry, lint-free cloth.
- Do not use abrasive cleaners, solvents, or chemical sprays.
- Avoid getting moisture into any openings.

Storage

- When not in use, store the headphones in the provided protective case to prevent damage.
- Store in a cool, dry place, away from extreme temperatures and direct sunlight.

Battery Care

- To preserve battery life, charge the headphones fully before long periods of storage.
- Recharge the headphones at least once every three months if not used regularly.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Headphones do not power on.	Low battery.	Charge the headphones fully.
Cannot pair with device.	Headphones not in pairing mode; Bluetooth off on device; device too far.	Ensure headphones are in pairing mode (flashing blue/red). Turn on Bluetooth on your device. Move device closer to headphones (within 10 meters).

Problem	Possible Cause	Solution
No sound or low volume.	Volume too low; headphones not connected; incorrect audio source.	Increase volume on both headphones and connected device. Reconnect headphones. Ensure correct audio output is selected on your device.
ANC not effective.	ANC mode not activated; improper fit; type of noise.	Ensure ANC mode is enabled. Adjust headphones for a snug fit over ears. ANC is most effective against low-frequency, constant noises (e.g., engine hum).
Sound quality issues.	Weak Bluetooth signal; interference; low battery.	Move closer to the connected device. Avoid strong electromagnetic interference. Charge headphones. Try wired connection to isolate issue.

SPECIFICATIONS

Feature	Detail
Model Name	NB-1092
Noise Control	Hybrid Active Noise Cancellation
Connectivity Technology	Wireless (Bluetooth), Wired (3.5mm)
Wireless Communication Technology	Bluetooth 5.3
Bluetooth Range	Up to 15 meters (49 feet)
Audio Driver Size	40 Millimeters
Frequency Response	20 Hz - 20,000 Hz
Impedance	100 Ohm
Battery Life	Up to 60 hours (ANC off)
Charging Time	Approx. 2-3 hours
Material	Acrylonitrile Butadiene Styrene (ABS), Leather, Plastic
Item Weight	0.61 Kilograms (1.34 pounds)
Product Dimensions	7.87 x 7 x 2.42 inches
Color	Sliver

WARRANTY AND SUPPORT

Ko-Star products are designed for reliability and performance. For warranty information, please refer to the warranty card included in your product packaging or visit the official Ko-Star website. For technical support or customer service inquiries, please contact our support team through the contact information provided on the Ko-Star website or your purchase platform.

Online Resources:

- Official Ko-Star Store: [Visit Ko-Star Store on Amazon](#)

Note: No official product videos with 'creator_type':'Seller' were found in the provided data to embed.