



[Manuals.plus](#) /

› [Calmbee](#) /

› Calmbee BH300 Hybrid Active Noise Cancelling Headphones User Manual

Calmbee BH300

Calmbee BH300 Hybrid Active Noise Cancelling Headphones User Manual

Model: BH300

INTRODUCTION

The Calmbee BH300 Hybrid Active Noise Cancelling Headphones are designed to provide an immersive audio experience with advanced noise cancellation, versatile connectivity, and long-lasting comfort. Featuring Hi-Res Audio support and a customizable sound profile, these headphones are suitable for various uses, from travel and entertainment to gaming and professional calls.

WHAT'S IN THE BOX

- 1x Calmbee BH300 Active Noise Canceling Headphones
- 1x USB-A/Type-C Dongle
- 1x USB-C Charge Cable
- 1x Storage Bag
- 1x User Manual (this document)



Image: Calmbee BH300 Headphones and included USB dongle.

PRODUCT OVERVIEW

The Calmbee BH300 headphones are designed for both performance and comfort. Key features include:

- **Hi-Res Audio:** Equipped with 40mm dynamic drivers and titanium-coated diaphragms for detailed sound reproduction, deep bass, and clear treble.
- **Hybrid Active Noise Cancelling (ANC) & Transparency Mode:** Advanced AI algorithms detect and counter noise for maximum immersion, while transparency mode allows you to hear your surroundings.

- **Dual Connectivity:** Seamlessly connect via Bluetooth 5.4 or the included USB-C/USB-A dongle for plug-and-play compatibility with various devices.
- **Extended Playtime:** Up to 90 hours of continuous music playback with ANC off, and 60 hours with ANC on.
- **Clear Calls:** Built-in ENC microphone actively suppresses ambient noise for crystal-clear voice calls.
- **Customizable Sound:** Utilize the Calmbee Rythflo App to personalize EQ settings or choose from 5 preset EQ options.
- **Comfortable Design:** Soft protein leather and memory foam earcups, adjustable headband, and a foldable design for portability.

INSPIRING AUDIO

The acoustic design recreates the
exhilaration of live music

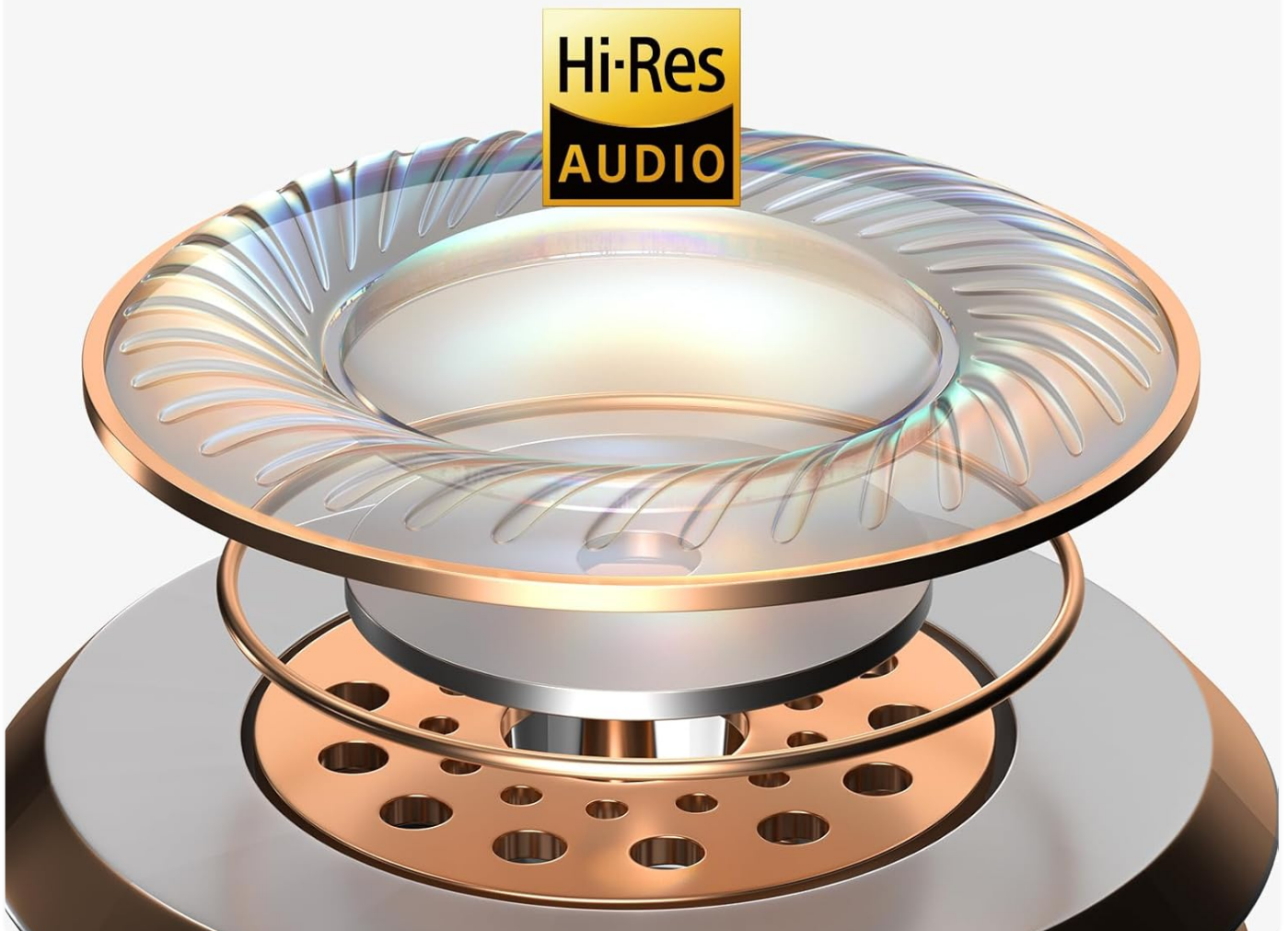


Image: Detailed view of the 40mm dynamic driver, highlighting Hi-Res Audio capability.

CLEAR CALLS

Built-in 5 microphones for crystal clear voice calls. Chat with friends, family and colleagues, confident you'll be heard



Image: Close-up of the headphone's exterior, showing the integrated microphone for enhanced call clarity.

SETUP

1. Initial Charging

Before first use, fully charge your Calmbee BH300 headphones. Connect the included USB-C charge cable to the headphone's charging port and the other end to a USB power source (e.g., computer USB port, wall adapter). A full charge takes approximately 2 hours. A 5-minute quick charge provides up to 3 hours of playback.

2. Powering On/Off

To power on, press and hold the Power button until the indicator light illuminates. To power off, press and hold the Power button until the indicator light turns off.

3. Connecting to Devices

Bluetooth Connection

1. Ensure the headphones are powered on and in pairing mode (indicator light flashing).
2. On your device (smartphone, tablet, laptop), enable Bluetooth and search for "Calmbee BH300" in the list of available devices.
3. Select "Calmbee BH300" to connect. Once connected, the indicator light will turn solid.
4. The headphones support Bluetooth V5.4 for stable and fast transmission.

Dongle Connection (Plug-and-Play)

For devices without Bluetooth or for a more stable, low-latency connection (40ms), use the included USB-A/Type-C dongle.

1. Plug the USB dongle into an available USB-A or USB-C port on your computer, tablet, TV, or smartphone.
2. The headphones will automatically connect to the dongle. The dongle enables plug-and-play functionality for almost all devices.

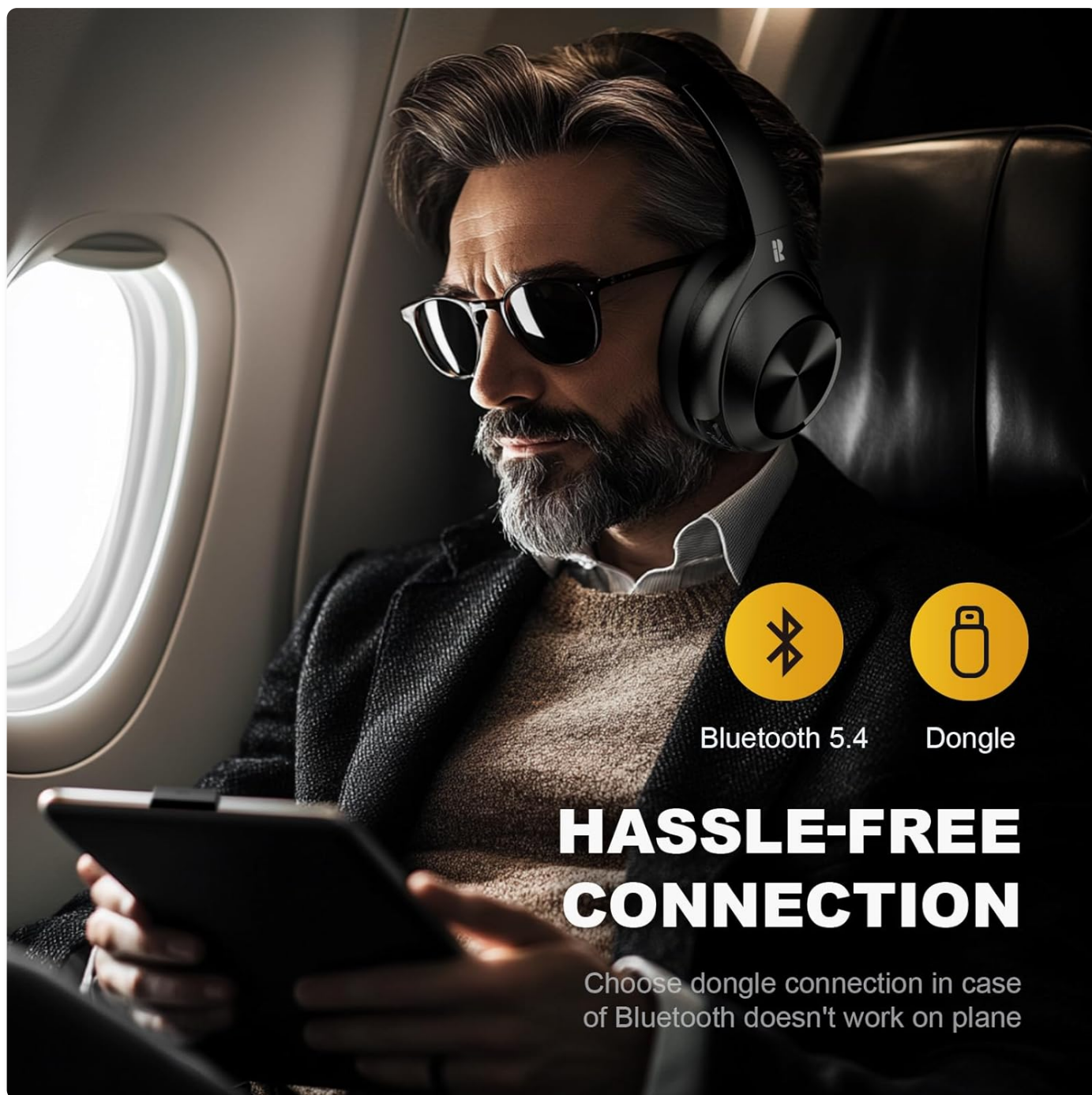


Image: Demonstrates dual connectivity options: Bluetooth and USB dongle for versatile use, including on airplanes.

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Video: Official Calmbee video showcasing the BH300 Noise Cancelling Headphones and their custom app features.

OPERATING INSTRUCTIONS

1. Noise Control Modes

The Calmbee BH300 headphones offer Hybrid Active Noise Cancelling (ANC) and Transparency modes.

- **Active Noise Cancelling (ANC):** Reduces ambient noise by up to -38dB, ideal for immersive listening in noisy environments.
- **Transparency Mode:** Allows you to hear your surroundings without removing the headphones, useful for conversations or being aware of your environment.
- Switch between modes using the dedicated button on the headphone earcup.

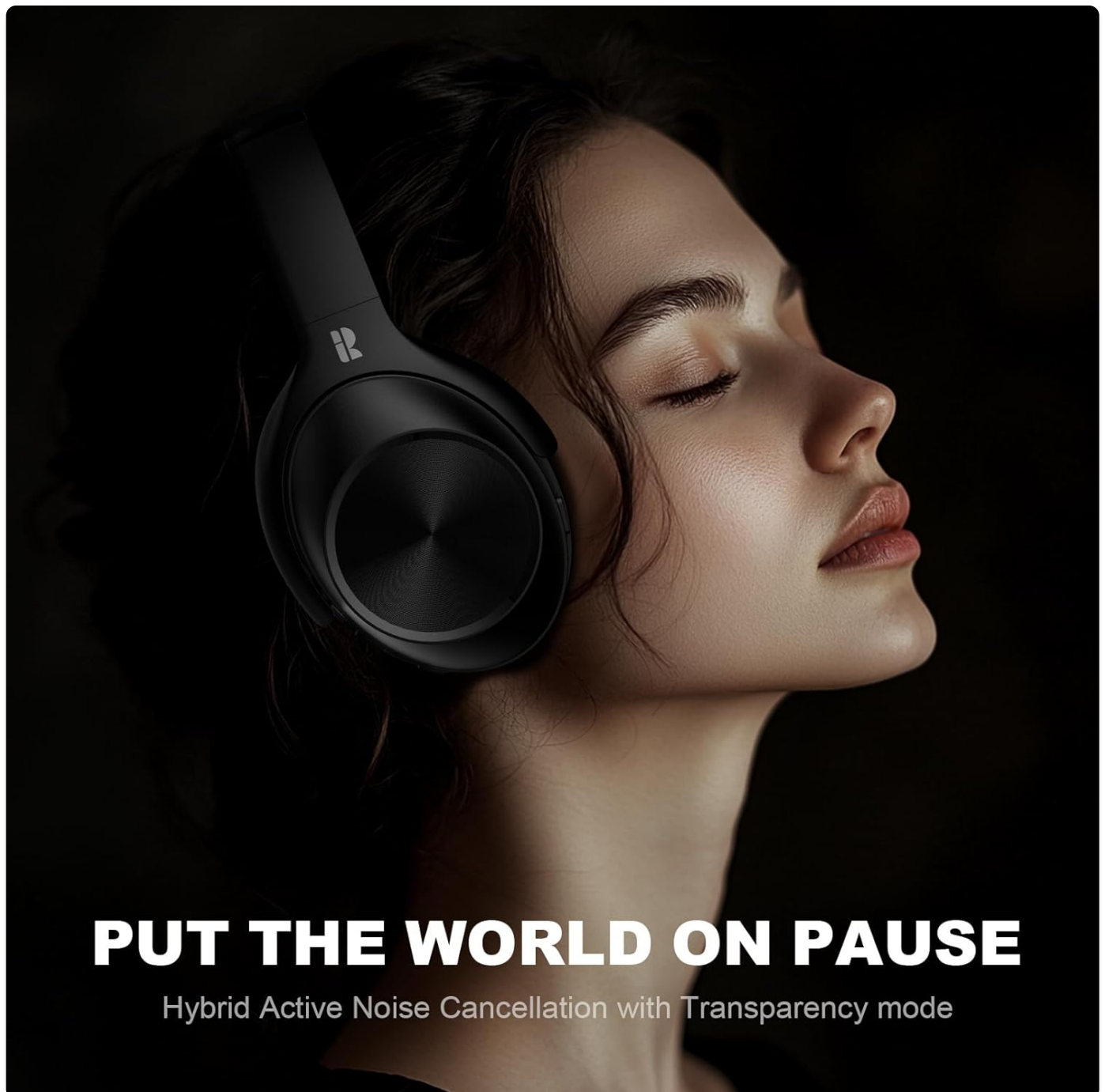


Image: Woman experiencing noise cancellation with Calmbee BH300 headphones, emphasizing the ability to "Put the World on Pause."

2. Call Management

The built-in ENC microphone ensures clear calls by suppressing ambient noise.

- **Answer/End Call:** Press the Multi-function button once.
- **Reject Call:** Press and hold the Multi-function button.

3. Audio Playback Controls

- **Play/Pause:** Press the Multi-function button once.
- **Volume Up/Down:** Use the dedicated volume buttons.
- **Next Track:** Press and hold the Volume Up button.
- **Previous Track:** Press and hold the Volume Down button.

4. Custom App (Calmbee Rythflo)

Download the Calmbee Rythflo App for personalized sound control.

- Customize your own EQ settings to match your music preferences.
- Choose from 5 preset EQ options.

CALMBEE RYTHFLO APP

Customize your own sound or choose
from 5 EQ presets



5 Preset EQ Modes



Personalized EQ

Image: Screenshots of the Calmbree Rythflo App interface, demonstrating the 5 preset EQ modes and personalized equalizer customization. [Download the app here.](#)

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Video: A short demonstration of the BH300 Noise Cancelling Headphones in use, highlighting their features.

MAINTENANCE

- Clean the headphones regularly with a soft, dry cloth.
- Avoid exposing the headphones to extreme temperatures, humidity, or liquids.
- Store the headphones in the included storage bag when not in use to protect them from dust and scratches.
- Do not attempt to disassemble or repair the headphones yourself, as this will void the warranty.

ENJOY YOUR MUSIC LONGER

Match your audio journey to your hearing, mindset, and musical preferences

ANC OFF

90 Hrs
Playtime

ANC ON

60 Hrs
Playtime



Image: Illustrates the impressive battery life of the Calmbee BH300 headphones, offering up to 90 hours of playback.

TROUBLESHOOTING

Problem	Possible Solution
Headphones not powering on.	Ensure the headphones are fully charged. Press and hold the Power button for a few seconds.
Cannot pair via Bluetooth.	Ensure headphones are in pairing mode (flashing indicator light). Turn off and on Bluetooth on your device. Move headphones closer to the device. Clear previous Bluetooth connections on your device.
No sound or low volume.	Check headphone and device volume levels. Ensure headphones are correctly connected. Try re-pairing.

Problem	Possible Solution
ANC not working effectively.	Ensure ANC mode is activated. Adjust headphone fit to ensure a good seal around your ears.
Dongle not connecting.	Ensure the dongle is fully inserted into the USB port. Try a different USB port. Ensure headphones are powered on.
Call quality is poor.	Ensure the microphone is not obstructed. Move to a quieter environment. Check device's microphone settings.

SPECIFICATIONS

Feature	Detail
Model Name	BH300 Active Noise Cancelling Headphones
Brand	Calmbee
Noise Control	Active Noise Cancellation, Hybrid Noise Cancellation
Connectivity Technology	Wireless, Dongle, Bluetooth 5.4
Bluetooth Version	5.4
Bluetooth Range	10 Meters
Audio Latency	40 Milliseconds (with dongle)
Battery Life (ANC Off)	90 Hours
Battery Life (ANC On)	60 Hours
Audio Driver Type	Dynamic Driver (40mm)
Frequency Range	20Hz - 20kHz
Impedance	32 Ohm
Microphone	Built-in ENC Mic
Control Method	App, Button, Touch
Ear Placement	Over Ear
Material	Protein Leather, Memory Foam
Item Weight	1.06 pounds
Package Dimensions	7.6 x 6.34 x 3.78 inches

WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the "After-sales Support Card" included in your product packaging. You may also visit the official support website at www.warranty-hub.com for further assistance and resources.

