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Nakamichi BTHP02

Nakamichi BTHP02 Bluetooth Over-Ear Headphones User Manual

Model: BTHP02

1. Introduction

Thank you for choosing the Nakamichi BTHP02 Bluetooth Over-Ear Headphones. This manual provides essential information for setting up, operating, and maintaining your headphones to ensure optimal performance and longevity. Please read this manual thoroughly before use.



Figure 1.1: Nakamichi BTHP02 Bluetooth Over-Ear Headphones.

2. Package Contents

Verify that all items listed below are present in your product packaging:

- Nakamichi BTHP02 Bluetooth Over-Ear Headphones
- USB Charging Cable
- 3.5mm Audio Cable
- User Manual (this document)



Figure 2.1: Retail packaging indicating included items.

3. Product Overview

Familiarize yourself with the various parts and controls of your Nakamichi BTHP02 headphones.



Figure 3.1: Right ear cup controls.

- **Power Button ( )**: Press and hold to power on/off.
- **Pair Button**: Used for Bluetooth pairing.
- **Volume Up (+)** / **Next Track (▶▶)**: Short press for volume up, long press for next track.
- **Volume Down (-)** / **Previous Track (◀◀)**: Short press for volume down, long press for previous track.
- **Play/Pause (▶)**: Press to play or pause music.



Figure 3.2: Left ear cup ports.

- **MIC**: Integrated microphone for calls.
- **USB Port**: For charging the headphones.
- **AUX-IN (3.5mm)**: For wired audio connection.

4. Setup

4.1 Charging the Headphones

Before initial use, fully charge the headphones. A full charge takes approximately 2 hours.

1. Connect the small end of the USB charging cable to the USB port on the left ear cup.
2. Connect the large end of the USB charging cable to a powered USB port (e.g., computer, USB wall adapter).
3. The LED indicator will illuminate during charging and turn off once charging is complete.

4.2 Bluetooth Pairing

To connect your headphones wirelessly to a device:

1. Ensure the headphones are powered off.
2. Press and hold the **Power Button ( )** for approximately 5-7 seconds until the LED indicator flashes blue and red alternately. This indicates pairing mode.
3. On your Bluetooth-enabled device (smartphone, tablet, computer), navigate to the Bluetooth settings.
4. Search for available devices and select "**Nakamichi BTHP02**" from the list.
5. Once connected, the LED indicator on the headphones will flash blue periodically.
6. If prompted for a password, enter "0000".

Note: *The headphones will automatically attempt to reconnect to the last paired device when powered on.*

5. Operating Instructions

5.1 Power On/Off

- **Power On**: Press and hold the **Power Button ( )** for 3 seconds. The LED will flash blue.
- **Power Off**: Press and hold the **Power Button ( )** for 3 seconds. The LED will turn off.

5.2 Music Playback (Bluetooth Mode)

- **Play/Pause**: Press the **Play/Pause (▶)** button.
- **Volume Up**: Short press the **Volume Up (+)** button.
- **Volume Down**: Short press the **Volume Down (-)** button.
- **Next Track**: Long press the **Next Track (▶▶)** button.
- **Previous Track**: Long press the **Previous Track (◀◀)** button.

5.3 Call Management (Bluetooth Mode)

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

5.4 Wired Mode

You can use the headphones with the included 3.5mm audio cable when the battery is depleted or for devices without Bluetooth connectivity.

1. Connect one end of the 3.5mm audio cable to the AUX-IN port on the left ear cup.
2. Connect the other end to the 3.5mm audio output of your device.
3. In wired mode, the headphone's controls (volume, track, calls) will not function. Control audio directly from your connected device.

6. Maintenance and Care

Proper care ensures the longevity of your headphones:

- **Cleaning**: Use a soft, dry cloth to clean the headphones. Do not use abrasive cleaners or solvents.
- **Storage**: When not in use, store the headphones in a cool, dry place, away from direct sunlight and extreme temperatures. The headphones are foldable for compact storage.
- **Water Exposure**: These headphones are not water-resistant. Avoid exposure to liquids, moisture, or humidity.
- **Avoid Impact**: Do not drop or subject the headphones to strong impacts.

- **Charging**: Charge the battery regularly, even if not used for extended periods, to maintain battery health.



Figure 6.1: Headphones in folded position for travel or storage.

7. Troubleshooting

If you encounter issues with your headphones, refer to the following common solutions:

Problem	Possible Cause	Solution
Headphones do not power on.	Battery is depleted.	Charge the headphones fully.
Cannot pair with device.	Headphones not in pairing mode; Device's Bluetooth is off; Too far from device.	Ensure headphones are in pairing mode (flashing red/blue). Turn on Bluetooth on your device. Move headphones closer to the device (within 10 meters).

Problem	Possible Cause	Solution
No sound or low volume.	Volume too low on headphones or device; Incorrect audio source; Loose cable (wired mode).	Increase volume on both headphones and connected device. Ensure the correct audio output is selected on your device. Check 3.5mm cable connection.
Sound distortion.	Too far from device; Interference; Low battery.	Move closer to the connected device. Avoid strong electromagnetic interference. Charge the headphones.

8. Specifications

Detailed technical specifications for the Nakamichi BTHP02 headphones:

Category	Specification	Value
Headphone	Driver Unit	40mm
	Frequency Range	20Hz - 20,000Hz
	Signal to Noise Ratio	80dB
	Impedance	32Ω
	S.P.L	94dB
	Max Output Power	100mW
	Aggregate Capability	100mW
Microphone	Mic Unit	6 x 2.7mm
	Frequency Range	30Hz - 16,000Hz
	Sensitivity	-42dB ± 3dB
	Directivity	Omni-directional
Power	Battery	150mAh Polymer Battery 3.7V
	Run Time	Up to 7 Hours
	Charging Time	Up to 2 Hours
	Standby Time	Up to 180 Hours
Bluetooth	Bluetooth Version	4.0
	Bluetooth Range	Up to 33 feet (10m)



Figure 8.1: Detailed product specifications.

9. Safety Information

Please observe the following safety guidelines for safe operation:

- Do not disassemble, repair, or modify the headphones. This may cause electric shock, fire, or product damage.
- Keep the headphones away from extreme temperatures, direct sunlight, and high humidity.
- Avoid listening at high volume levels for extended periods to prevent hearing damage.
- Do not use the headphones in situations where inability to hear ambient sounds could be dangerous (e.g., driving, cycling, walking in traffic).
- Keep out of reach of children. Small parts may pose a choking hazard.
- Dispose of the product and battery responsibly according to local regulations. Do not dispose of with household waste.

10. Warranty and Support

Nakamichi products are designed for durability and performance. For warranty information or technical support, please refer to the warranty card included with your purchase or visit the official Nakamichi website. You may also contact customer service through the retailer where the product was purchased.

For further assistance, please visit: www.nakamichi-usa.com

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