Audio-Technica ATH-ANC20

Audio-Technica ATH-ANC20 QuietPoint Active Noise-Cancelling On-Ear Headphones User Manual

Model: ATH-ANC20

Introduction	Package Contents	Setup	Operating	Maintenance	Troubleshooting
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1. INTRODUCTION

The Audio-Technica ATH-ANC20 QuietPoint Active Noise-Cancelling On-Ear Headphones are designed to reduce environmental noise by up to 80%, providing a clearer listening experience. These headphones offer a combination of sound quality, comfort, and portability, making them suitable for various listening environments.

Key features include soft ear pads for extended wear, a detachable cord with in-line volume control, and the ability to function for audio playback even without batteries or with the noise-cancelling feature turned off. The foldable design enhances portability and simplifies storage.

2. PACKAGE CONTENTS

Verify that all the following items are included in your package:

- ATH-ANC20 Headphones
- Detachable Audio Cable with In-line Volume Control
- AAA Battery
- Airline Adapter
- Protective Pouch

Figure 2.1: Included accessories: detachable audio cable with in-line volume control, AAA battery, airline adapter, and protective carrying pouch.

3. SETUP

3.1 Battery Installation

The noise-cancelling function requires one AAA battery. Locate the battery compartment on one of the earcups. Open the compartment, insert the AAA battery according to the polarity indicators (+/-), and close the compartment securely.
Note: The headphones can still function for audio playback without a battery or with the noise-cancelling feature turned off.

3.2 Connecting the Audio Cable

Insert the smaller end of the detachable audio cable into the headphone's 3.5mm jack, typically located on the bottom of one earcup. Connect the larger end of the cable to your audio device's 3.5mm audio output jack.

3.3 Wearing the Headphones

Adjust the headband to ensure the earcups sit comfortably over your ears. The soft ear pads are designed for long-wearing comfort. Ensure the left (L) and right (R) indicators on the earcups correspond to your left and right ears for optimal sound staging.

Figure 3.1: The headphones feature soft ear pads for comfortable listening.

Figure 3.2: The headphones can be folded for compact storage and portability.

4. OPERATING INSTRUCTIONS

4.1 Activating Noise Cancellation

To activate the QuietPoint active noise-cancelling feature, locate the power switch on the earcup (usually near the battery compartment). Slide the switch to the "ON" position. An indicator light may illuminate to confirm activation. This feature helps reduce ambient noise.

4.2 Adjusting Volume

The detachable audio cable includes an in-line volume control. Slide the volume control up or down to adjust the audio output level. You may also need to adjust the volume on your connected audio device.

4.3 Using the Airline Adapter

For in-flight entertainment systems that use dual-prong audio jacks, connect the airline adapter to the system's audio output, then plug your headphone's 3.5mm cable into the adapter.

4.4 Deactivating Noise Cancellation

To conserve battery life, slide the noise-cancellation power switch to the "OFF" position when the feature is not required. The headphones will continue to function for audio playback passively.

5. MAINTENANCE

5.1 Cleaning

Wipe the headphones with a soft, dry cloth. For ear pads, a slightly damp cloth can be used, but ensure they are completely dry before use. Do not use harsh chemicals or abrasive cleaners. Avoid getting moisture into the headphone drivers or electronic components.

5.2 Storage

When not in use, fold the headphones for compact storage and place them in the provided protective pouch. Store in a cool, dry place away from direct sunlight and extreme temperatures.

5.3 Battery Replacement

When the noise-cancelling performance diminishes or the indicator light no longer illuminates, replace the AAA battery. Dispose of used batteries responsibly according to local regulations.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound from headphones.	- Audio cable not fully connected. - Volume on device or in-line control is too low. - Audio source device is off or paused.	- Ensure both ends of the audio cable are securely plugged in. - Increase volume on your audio device and the in-line control. - Check your audio source device.
Noise cancellation not working or weak.	- Noise cancellation switch is off. - AAA battery is depleted or incorrectly installed.	- Slide the noise cancellation switch to the "ON" position. - Replace the AAA battery or check its orientation.
Distorted or poor sound quality.	- Audio cable connection is loose. - Volume on audio device is too high, causing clipping. - Audio source quality is low.	- Check and re-secure the audio cable connections. - Reduce the volume on your audio device. - Try a different audio source or file.

7. SPECIFICATIONS

Model Name	ATH-ANC20
Noise Control	Active Noise Cancellation
Connectivity Technology	Wired, 3.5 mm connector
Frequency Response	20 – 20,000 Hz
Impedance	16 ohms

Sensitivity	100 dB
Headphones Jack	3.5 mm Jack
Control Type	Volume Control
Battery Life (NC)	Up to 40 Hours (with AAA battery)
Item Weight	0.3 ounces (approx. 8.5 grams)
Product Dimensions	9 x 3 x 7 inches
Ear Placement	On Ear
Material	Fabric (ear pads)

8. WARRANTY & SUPPORT

For detailed warranty information, please refer to the warranty card included with your purchase or visit the official Audio-Technica website. Warranty terms and conditions may vary by region.

If you encounter any issues not covered in the troubleshooting section or require further assistance, please contact Audio-Technica customer support:

Website: www.audio-technica.com

Support Page: www.audio-technica.com/en-us/support

Please have your product model number (ATH-ANC20) and proof of purchase ready when contacting support.