realme RMA2411

realme TechLife Studio H1 Wireless Headphone

User Manual

Product Overview

The realme TechLife Studio H1 are over-ear wireless headphones designed for an immersive audio experience. They feature advanced noise cancellation, long battery life, and high-fidelity sound. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure optimal performance of your headphones.



Image: realme TechLife Studio H1 Wireless Headphones in White, showcasing their sleek design.

Key Features:

- **40mm Mega Dynamic Bass Driver:** Delivers rich audio with Hi-Res Certification and LDAC Audio Codec for superior sound quality.
- **43dB Hybrid Noise Cancellation:** Features 3-level smart adaptive noise cancellation to effectively reduce ambient noise.
- **360° Spatial Audio Effect:** Provides an immersive, stereoscopic sound experience.
- **70 Hours Play Time:** Extended battery life with fast charging capability.
- **Bluetooth 5.4 & Dual-device Connection:** Ensures stable wireless connectivity and seamless switching between two devices with Google Fast Pair support.

Setup

1. Initial Charging

Before first use, fully charge your realme TechLife Studio H1 headphones. Connect the included charging cable to the USB-C port on the headphones and to a compatible USB power adapter. A full charge takes approximately 1.5 hours.

2. Power On/Off

- **Power On:** Press and hold the Power button (usually located on the right earcup) for a few seconds until the indicator light illuminates.
- **Power Off:** Press and hold the Power button again for a few seconds until the indicator light turns off.

3. Bluetooth Pairing

To pair your headphones with a device:

1. Ensure the headphones are powered off.
2. Press and hold the Power button for approximately 3 seconds until the indicator light flashes rapidly, indicating pairing mode.
3. On your device (smartphone, tablet, computer), enable Bluetooth and search for available devices.
4. Select "realme TechLife Studio H1" from the list of found devices.
5. Once connected, the indicator light will stop flashing and remain solid.

For Android devices, Google Fast Pair allows for quick and seamless pairing by simply bringing the headphones close to your device when in pairing mode.

4. Dual-Device Connection

The headphones support simultaneous connection to two devices. After pairing with the first device, put the headphones back into pairing mode and connect to the second device. The headphones will intelligently switch between the two connected devices based on audio playback.

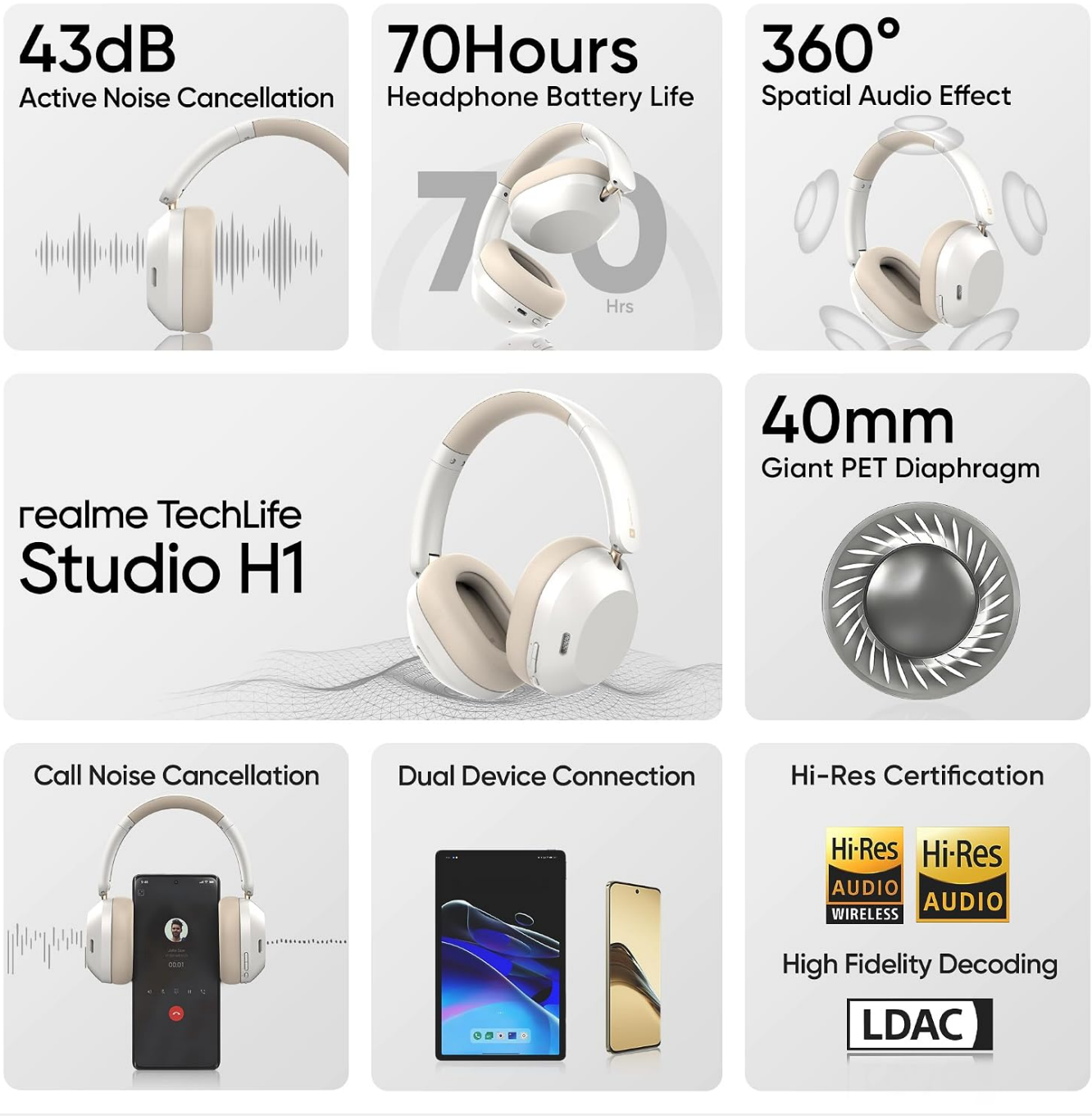


Image: Overview of realme TechLife Studio H1 features, including the dual device connection capability shown with a tablet and smartphone.

Operating Instructions

Button Controls

The realme TechLife Studio H1 headphones feature intuitive button controls located on the earcups. Refer to the diagrams below for specific functions.

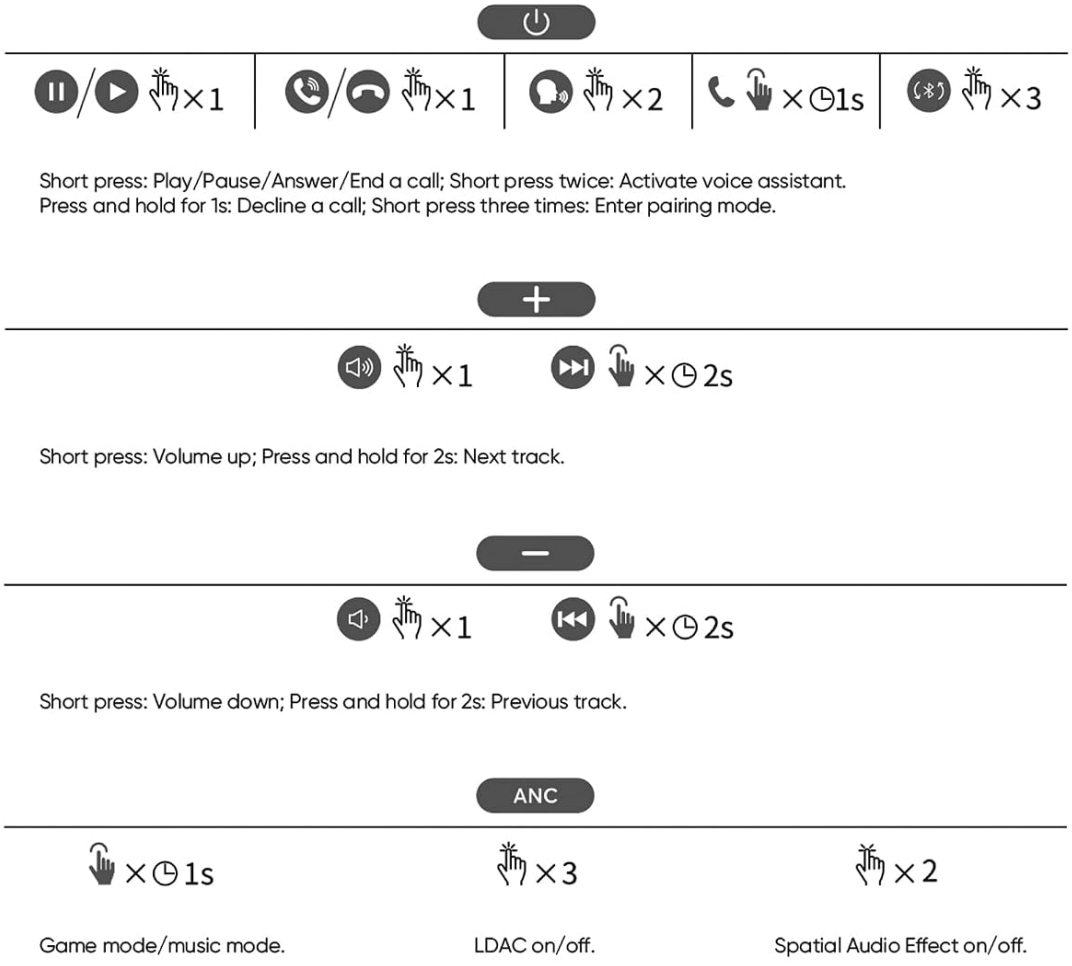


Image: Detailed diagram illustrating the functions of the power, volume, and ANC buttons on the realme TechLife Studio H1 headphones.

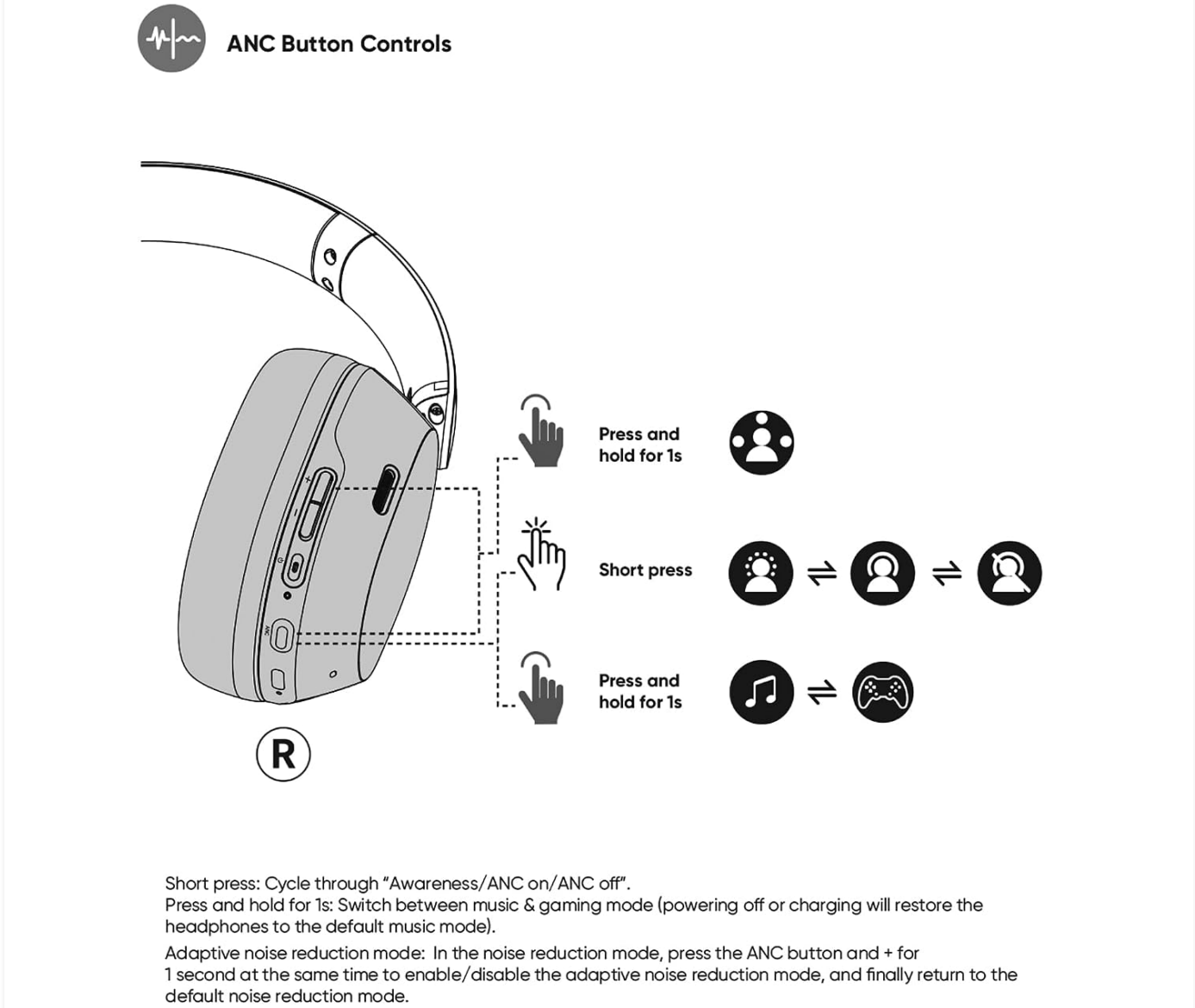


Image: Diagram showing the specific controls for the Active Noise Cancellation (ANC) button, including cycling through modes and switching between music and gaming modes.

General Button Functions

Action	Function
Short press Power button (x1)	Play/Pause, Answer/End a call
Short press Power button (x2)	Activate voice assistant
Press and hold Power button for 1s	Decline a call
Short press Power button (x3)	Enter pairing mode
Short press '+' button (x1)	Volume up
Press and hold '+' button for 2s	Next track

Action	Function
Short press '-' button (x1)	Volume down
Press and hold '-' button for 2s	Previous track

ANC Button Functions

Action	Function
Press and hold ANC button for 1s	Cycle through "Awareness/ANC on/ANC off" modes.
Short press ANC button (x3)	LDAC on/off
Short press ANC button (x2)	Spatial Audio Effect on/off
Press and hold ANC button for 1s (while in music/gaming mode)	Switch between music & gaming mode (powering off or charging will restore the headphones to the default music mode).
Press ANC button and '+' button simultaneously for 1s (in noise reduction mode)	Enable/disable adaptive noise reduction mode, and finally return to the default noise reduction mode.

Note: Spatial audio effect is not supported in wired mode. Game mode is not supported in LDAC mode.

Noise Cancellation (ANC)

The headphones feature 43dB Hybrid Noise Cancellation with smart adaptive capabilities. Cycle through ANC modes (Awareness, ANC On, ANC Off) by pressing and holding the ANC button for 1 second. The adaptive mode adjusts noise cancellation based on your environment (mild, moderate, deep).



Image: Illustration of the realme TechLife Studio H1's Adaptive ANC Pro, showing different environmental settings like office, outdoors, and subway.

360° Spatial Audio Effect

Experience immersive sound with the 360° Spatial Audio Effect. Activate or deactivate this feature by short pressing the ANC button twice. This feature is designed to provide a stereoscopic sound experience, making audio feel like it's coming from all directions.



Image: Visual representation of the 360° Spatial Audio Effect with the realme TechLife Studio H1 headphones, depicting sound surrounding the listener.

Call Noise Cancellation

The headphones are equipped with call noise cancellation technology to ensure clear voice transmission during calls, even in noisy environments.



Image: realme TechLife Studio H1 headphones next to a smartphone displaying an incoming call, illustrating the call noise cancellation feature.

Maintenance

Cleaning

- Use a soft, dry, lint-free cloth to clean the surface of the headphones.
- For stubborn dirt, slightly dampen the cloth with water. Avoid using harsh chemicals, solvents, or abrasive cleaners.
- Clean the ear cushions regularly to prevent buildup of oils and debris.

Storage

- Store the headphones in a cool, dry place away from direct sunlight and extreme temperatures.

- When not in use, it is recommended to store them in their original packaging or a protective case to prevent damage.
- The headphones feature a collapsible design for compact storage.



Image: realme TechLife Studio H1 headphones shown in their folded position, demonstrating their portability and ease of storage.

Material Care

The headphones are constructed with polycarbonate (PC) and feature skin-friendly materials for comfort. While water resistant, avoid submerging the headphones in water. Dry them thoroughly if they come into contact with moisture.



Image: Close-up view of the realme TechLife Studio H1 earcup, highlighting the skin-friendly material and construction details like sewing, scalable head beam, sponge memory cushion, and collapsible metal shaft.

Troubleshooting

If you encounter any issues with your realme TechLife Studio H1 headphones, please refer to the following common solutions:

Common Issues and Solutions

Problem	Possible Cause	Solution

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 out of range	Ensure headphones are in pairing mode (flashing indicator). Turn on Bluetooth on your device. Move device closer to headphones (within 10 meters). Try restarting both devices.
No sound or low volume	Volume too low; Incorrect audio output selected; Headphones not connected	Increase volume on both headphones and connected device. Ensure headphones are selected as the audio output on your device. Re-pair the headphones if disconnected.
Dual device connection issues	Software glitch; Interference	Disconnect and re-pair both devices. Ensure both devices are within range. Some users reported issues, ensure firmware is up to date if applicable.
ANC not working effectively	Incorrect ANC mode; Poor fit	Cycle through ANC modes (Awareness, ANC On, ANC Off) using the ANC button. Ensure headphones fit snugly over your ears to create a good seal.
Spatial Audio Effect not working	Feature off; Wired mode active	Ensure Spatial Audio Effect is enabled (short press ANC button twice). Note that spatial audio is not supported in wired mode.

If the issue persists after trying these solutions, please contact customer support.

Specifications

realme TechLife Studio H1 Specifications

Feature	Detail
Model Name	TechLife Studio H1 (RMA2411)
Connectivity Technology	Wireless (Bluetooth 5.4)
Bluetooth Range	10 Metres
Noise Control	Hybrid Noise Cancellation (43dB)
Audio Driver Size	40 Millimetres (Dynamic Driver)
Audio Latency	80 Milliseconds
Battery Life	70 Hours
Charging Time	1.5 Hours
Material	Polycarbonate (PC)
Item Weight	450 Grams

Feature	Detail
Product Dimensions	19 x 16.2 x 5.1 cm
Water Resistance Level	Water Resistant
Included Components	Cable, User Manual
Manufacturer	Shenzhen Aoni Electronic co. Ltd.
Country of Origin	China

Warranty and Support

Warranty Information

Your realme TechLife Studio H1 headphones come with a limited warranty. Please refer to the warranty card included in your product packaging for detailed terms and conditions, including the warranty period and coverage. Keep your purchase receipt as proof of purchase for warranty claims.

Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty service, please contact realme customer support. Contact details can typically be found on the official realme website or on the warranty card provided with your product.

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Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question