

Ultrasone UL 19001

Ultrasone Performance 840 Headphones User Manual

MODEL: UL 19001 | BRAND: ULTRASONIC

Introduction

The Ultrasone Performance 840 Headphones are professional closed-back audio accessories designed for music enthusiasts and studio use. Featuring advanced S-Logic PLUS technology and ULE (Ultra Low Emission) technology, these headphones deliver natural surround sound while reducing electromagnetic radiation. The foldable design and included neoprene case make them ideal for both home and on-the-go use.



Image: Ultrason Performance 840 Headphones in black, showcasing the over-ear design, memory foam earcups, and adjustable headband. The model number '840' is visible on the earcup.

Key Features:

- **S-Logic PLUS Technology:** Provides a natural surround sound experience with precise sound reproduction.
- **ULE Technology:** Reduces electromagnetic radiation for safer listening.

- **40mm PET Sound Transducer:** Delivers quality audio reproduction across a wide frequency range (10Hz - 25kHz).
- **Memory Foam Headband & Earcups:** Ensures comfortable fit and breathability for extended listening sessions.
- **Foldable Design:** Allows for easy storage and portability.
- **Detachable Cable:** Enhances durability and user convenience.

What's in the Box

- Ultrasone Performance 840 Headphones
- Neoprene Carrying Case
- Detachable Audio Cable (3.5mm Jack)

Setup

1. **Unpack:** Carefully remove the headphones and all accessories from the packaging.
2. **Connect Cable:** Locate the detachable audio cable. Insert the smaller end of the cable firmly into the audio input jack on the left earcup of the headphones. Connect the other end (3.5mm jack) to your audio source (e.g., smartphone, audio interface, computer).
3. **Adjust Fit:** Extend or retract the headband to ensure a comfortable and secure fit on your head. The memory foam earcups should fully enclose your ears.
4. **Initial Listening:** Start with a low volume level on your audio source and gradually increase it to a comfortable listening level.

Operating Your Headphones

The Ultrasone Performance 840 Headphones are designed for optimal audio performance in various environments. Their closed-back design provides excellent sound isolation, allowing you to concentrate on your audio without external distractions.

S-Logic PLUS Technology:

Ultrasone's patented S-Logic PLUS technology positions the sound transducer in a decentralized manner, creating a natural, three-dimensional soundstage. This unique design allows sound to reflect off the outer ear before entering the ear canal, mimicking the experience of listening to loudspeakers in a room. This reduces direct sound pressure on the eardrum, leading to less listening fatigue and a more spacious audio presentation.

ULE (Ultra Low Emission) Technology:

The Performance 840 headphones incorporate MU metal shielding to reduce electromagnetic radiation by up to 98% compared to conventional headphones. This technology minimizes potential health risks associated with prolonged exposure to electromagnetic fields, ensuring a safer listening experience.

Video: Ultrasones Manufacturing Process and Technology Overview

This video provides an overview of Ultrasones manufacturing process, highlighting the meticulous hand-craftsmanship, material selection, and technological innovations like S-Logic that contribute to the superior sound quality and user experience of their headphones.

Maintenance

- **Cleaning:** Use a soft, dry cloth to wipe down the exterior of the headphones. For earcups, gently wipe with a slightly damp cloth and allow to air dry completely before use. Avoid using harsh chemicals or abrasive cleaners.
- **Storage:** When not in use, store your headphones in the provided neoprene carrying case to protect them from dust, scratches, and impacts. The foldable design allows for compact storage.
- **Cable Care:** Handle the detachable cable with care. Avoid sharp bends or excessive pulling, which can damage the internal wiring.
- **Avoid Extreme Conditions:** Do not expose the headphones to extreme temperatures, high humidity, or direct sunlight for prolonged periods.

Troubleshooting

Problem	Possible Cause	Solution
No sound	Cable not fully connected; Audio source volume too low; Incorrect audio output selected on device.	Ensure cable is securely plugged into both headphones and audio source. Increase volume on audio source. Check device's audio settings.
Distorted sound	Volume too high; Damaged cable; Audio source issue.	Lower volume. Try a different audio cable. Test with another audio source.
Uncomfortable fit	Headband not adjusted correctly.	Adjust the headband to find the optimal fit. The memory foam should conform comfortably.

Specifications

Feature	Detail
Model Name	Ultrasones Performance 840 Headphones
Model Number	UL 19001

Feature	Detail
Connectivity Technology	Wired
Headphones Jack	3.5 mm Jack
Frequency Range	10Hz - 25kHz
Earpiece Shape	Over-Ear
Form Factor	Closed-Back
Noise Control	Sound Isolation
Material	Memory Foam (earcups and headband)
Cable Feature	Detachable
Item Weight	0.3 Kilograms (10.6 ounces)
Product Dimensions	10 x 4 x 10 inches

Warranty and Support

Ultrasone products are manufactured to the highest quality standards. For detailed warranty information, product registration, or technical support, please refer to the official Ultrasone website or contact their customer service directly. Keep your proof of purchase for warranty claims.

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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

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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