

Ultrasonic PRO 900

Ultrasonic PRO 900 S-Logic Professional Closed-Back Headphones User Manual

Model: PRO 900 | Brand: Ultrasonic

1. INTRODUCTION

Thank you for choosing the Ultrasonic PRO 900 S-Logic Professional Closed-Back Headphones. This manual provides essential information for the proper setup, operation, and maintenance of your headphones, ensuring optimal performance and longevity. The PRO 900 headphones are engineered for professional use, featuring S-Logic Natural Surround Sound Plus technology for an enhanced listening experience and reduced sound pressure levels.

2. PRODUCT OVERVIEW

The Ultrasonic PRO 900 headphones combine advanced audio technology with robust construction. Key features include:

- **S-Logic Natural Surround Sound Plus:** Provides a spatial sound experience.
- **Dynamic Principle, Closed-Back Design:** Ensures excellent sound isolation.
- **Frequency Range:** 6-42,000Hz for detailed audio reproduction.
- **Impedance:** 40 ohm.
- **Sound Pressure Level:** 96 dB.
- **New 40 mm Titanium Drivers:** For precise and powerful sound.
- **S-Logic PLUS Technology:** Further refines the spatial sound.
- **Ultra Low Emission MU-Metal Shielding:** Reduces electromagnetic radiation.
- **Ultra Soft Cable (USC-cable):** Designed for comfort and durability.
- **Neutrik Connectors:** High-quality, reliable connections.

2.1 Product Components

The Ultrasonic PRO 900 headphones come with the following components:

- Ultrasonic PRO 900 Headphones
- Protective Transport Box
- Detachable Audio Cable

2.2 Visual Overview



Figure 1: Front view of the Ultrasonic PRO 900 headphones, showcasing the earcups and headband.



Figure 2: Side view of the Ultrasone PRO 900 headphones, illustrating the cable connection point.



Figure 3: The Ultrasonic PRO 900 headphones in their folded configuration, ideal for transport.





Figure 4: The Ultrasono PRO 900 headphones and their cable neatly stored within the included protective transport box.

3. SETUP

3.1 Connecting the Audio Cable

1. Locate the audio input jack on the left earcup of your Ultrasone PRO 900 headphones.
2. Insert the smaller end of the provided audio cable (3.5 mm jack) firmly into the headphone jack until it clicks into place.
3. Connect the larger end of the audio cable (typically a 6.3 mm jack or a 3.5 mm jack with adapter) to your audio source (e.g., amplifier, audio interface, computer, smartphone).

3.2 Adjusting for Comfort

For optimal sound and comfort, adjust the headphones to fit your head properly:

- Extend or retract the headband sliders on both sides until the earcups comfortably cover your ears.
- Ensure the earcups sit flush against your head to maximize sound isolation and bass response.
- The earcups are designed to swivel for a flexible fit and easy single-ear monitoring.

4. OPERATING THE HEADPHONES

4.1 Basic Usage

Once connected to an audio source, begin playing your desired audio. The Ultrasone PRO 900 headphones feature S-Logic technology, which aims to provide a more natural, speaker-like listening experience by utilizing decentralized driver positioning. This technology also helps to reduce sound pressure on the eardrum, potentially allowing for longer listening sessions without fatigue.

4.2 Volume and Media Control

Volume and media playback are typically controlled directly from your connected audio source. The headphones themselves do not feature integrated volume or media controls.

5. MAINTENANCE

Proper maintenance ensures the longevity and performance of your Ultrasone PRO 900 headphones.

5.1 Cleaning

- **Ear Pads:** The ear pads can be removed for cleaning or replacement. Gently wipe them with a soft, damp cloth. Avoid harsh chemicals.
- **Headband and Exterior:** Use a soft, dry, or slightly damp cloth to wipe down the headband and exterior surfaces. Do not use abrasive cleaners.
- **Connectors:** Keep the audio cable connectors clean and free of dust.

5.2 Storage

When not in use, store your headphones in the provided protective transport box to prevent dust accumulation and physical damage. The foldable design allows for compact storage.

5.3 Cable Care

Avoid sharply bending or twisting the audio cable. Always grasp the connector, not the cable itself, when plugging or unplugging. Replace damaged cables promptly to maintain audio quality.

6. TROUBLESHOOTING

If you encounter issues with your Ultrasone PRO 900 headphones, refer to the following common solutions:

- **No Sound:**
 - Ensure the audio cable is securely connected to both the headphones and the audio source.
 - Check the volume level on your audio source.
 - Test the headphones with a different audio source or cable to rule out a faulty component.
- **Distorted Sound:**
 - Lower the volume on your audio source.
 - Ensure the audio cable is not damaged.
 - Verify the audio source is outputting a clean signal.
- **Uncomfortable Fit:**
 - Adjust the headband sliders to find the most comfortable position.
 - Ensure earcups are properly seated over your ears.

7. SPECIFICATIONS

Feature	Specification
Model Name	PRO 900
Brand	Ultrasone
Ear Placement	On Ear
Form Factor	On Ear
Connectivity Technology	Wired
Frequency Response	6-42,000 Hz
Impedance	40 Ohms
Sensitivity	96 dB
Audio Driver Type	Dynamic Driver
Material	Plastic
Item Weight	2.64 Pounds
Product Dimensions	11.22 x 3.54 x 9.05 inches
Included Components	Cable, Protective Case

8. ULTRASONE MANUFACTURING PROCESS

Discover the meticulous craftsmanship and innovative technology behind Ultrasone headphones, including the PRO 900 model. This video highlights the hand-selection of components, the development of S-Logic technology, and the rigorous testing processes that ensure superior sound quality and durability.

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Video: An overview of the Ultrasone manufacturing process, detailing the care and precision involved in creating their headphones.

9. WARRANTY AND SUPPORT

For specific warranty information and detailed support, please refer to the official documentation provided with your product or visit the official Ultrasone website. The manufacturer, Ultrasone, is committed to quality and customer satisfaction.

Note: Any legal disclaimers regarding returns or specific conditions of sale should be reviewed in your purchase agreement or the seller's terms and conditions. This manual focuses on product usage and general care.

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