

Ultrasone SIGNATURE-PULSE

Ultrasone Signature Pulse DJ Headphones User Manual

Model: SIGNATURE-PULSE

1. IMPORTANT SAFETY INSTRUCTIONS

Please read these safety instructions carefully before using your Ultrasone Signature Pulse headphones. Keep this manual for future reference.

- **Hearing Protection:** Avoid listening at high volume levels for extended periods to prevent hearing damage.
- **Environmental Awareness:** Do not use headphones in situations where the inability to hear ambient sounds could be dangerous (e.g., driving, cycling, walking in traffic).
- **Cleaning:** Clean the headphones only with a soft, dry cloth. Do not use liquid cleaners or aerosols.
- **Water and Moisture:** Do not use these headphones near water or expose them to excessive moisture.
- **Repairs:** Do not attempt to repair or modify the headphones yourself. Refer all servicing to qualified service personnel.
- **Storage:** Store the headphones in the provided transport case when not in use to protect them from damage.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- Ultrasone Signature Pulse DJ Headphones
- Detachable 3m coiled cable with 6.35 mm TRS plug
- Alternative 1.2m cable with 3.5 mm TRS plug
- Pair of spare ear cushions
- High-quality transport case



Image 1: Ultrasonic Signature Pulse DJ Headphones with included cables and spare ear cushions.

3. PRODUCT OVERVIEW

3.1 Key Features

- Dynamic, closed-back, circumaural design.
- Excellent external sound attenuation.
- Ultra-robust construction with rotatable and foldable earcups.
- Specifically tuned for DJs with rich bass reproduction.
- High sound pressure level: 115 dB.
- Patented SLogic3 Natural Surround Sound technology.
- Enables fatigue-free listening for extended periods.
- Impressive stereo soundstage with spatial depth.
- Mu-metal shielding reduces electromagnetic radiation by up to 98%.

3.2 Components

The Ultrasonic Signature Pulse headphones consist of the following main components:

- **Headband:** Adjustable for a comfortable fit.
- **Earcups:** Circumaural design with soft ear cushions for comfort and sound isolation. Rotatable and foldable for portability.
- **Audio Input Jack:** Located on one earcup for connecting the detachable audio cables.
- **50mm Mylar Converters:** High-quality drivers for accurate sound reproduction.



Image 2: Detail of the Ultrasones Signature Pulse earcup, showing the robust construction and detachable cable port.

4. SETUP

4.1 Connecting the Cables

1. Select the appropriate audio cable for your device: the 3m coiled cable with a 6.35 mm TRS plug for studio equipment or the 1.2m straight cable with a 3.5 mm TRS plug for portable devices.
2. Insert the smaller end of the chosen cable firmly into the audio input jack located on the left earcup of the headphones.
3. Connect the larger end of the cable to the audio output of your source device (e.g., DJ mixer, audio interface, smartphone).

4.2 Wearing the Headphones

1. Adjust the headband to ensure the earcups sit comfortably and securely over your ears, fully enclosing them.
2. The circumaural design and soft ear cushions are designed for optimal comfort and sound isolation. Ensure a good seal around your ears for the best audio experience and external sound attenuation.

5. OPERATING

5.1 Basic Operation

Once connected to an audio source, the Ultrasones Signature Pulse headphones will reproduce audio. Adjust the volume directly from your audio source device.

5.2 SLogic3 Natural Surround Sound Technology

The Signature Pulse features Ultrasones's patented SLogic3 technology. This system positions the sound transducers not in the center of the earcups, but slightly offset and angled downwards. This design directs sound to the outer ear first, creating a wide stereo image without the typical "in-head" localization. This reduces listening fatigue during long sessions.

5.3 DDF (Double Deflector Fin) Technology

As part of SLogic3, the DDF technology incorporates a small red deflector segment at the upper edge of the converter. While upper mids and highs are largely unaffected, deep mids and bass frequencies are subtly redirected. This creates an impressively spacious, almost holographic soundstage with unique detail reproduction.

6. MAINTENANCE

- **Cleaning Ear Cushions:** The ear cushions can be gently wiped with a slightly damp cloth. Ensure they are completely dry before use. Replace ear cushions if they show signs of wear or damage using the provided spare pair.
- **Cleaning Headband and Earcups:** Use a soft, dry, lint-free cloth to wipe the headband and earcups. Do not use harsh chemicals or abrasive materials.
- **Cable Care:** Handle cables carefully. Avoid sharp bends or excessive pulling. Store cables neatly when not in use.
- **Storage:** Always store your headphones in the high-quality transport case when not in use to protect them from dust, dirt, and physical damage.

7. TROUBLESHOOTING

If you encounter any issues with your Ultrasone Signature Pulse headphones, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
No sound	Cable not connected properly; Audio source volume too low; Incorrect audio output selected on source device.	Ensure cables are securely connected to both headphones and audio source. Increase volume on the audio source. Verify the correct audio output is selected.
Sound is distorted or unclear	Volume too high on source; Damaged cable; Faulty audio source.	Reduce volume on the audio source. Try a different cable. Test with a different audio source device.
Headphones are uncomfortable	Headband not adjusted correctly; Ear cushions worn out.	Adjust the headband for a better fit. Consider replacing ear cushions with the spare pair if they are worn.
Poor sound isolation	Earcups not sealing properly around ears; Worn ear cushions.	Ensure earcups fully enclose your ears and create a good seal. Replace ear cushions if necessary.

8. SPECIFICATIONS

Technical specifications for the Ultrasone Signature Pulse DJ Headphones:

Feature	Detail
Model Number	SIGNATURE-PULSE
Color	Metallic

Feature	Detail
Connector Type	1/4 inch (6.35mm) TRS, 3.5 mm TRS Jack
Material Type	Plastic
Size	Normal
Item Weight	1.55 Kilograms
Manufacturer	Ultrasone
ASIN	B09H7J7NKW
Sound Pressure Level	115 dB
Technology	SLogic3 Natural Surround Sound, DDF Technology, Mu-metal shielding

9. WARRANTY AND SUPPORT

Ultrasone products are manufactured with high quality standards. For specific warranty information regarding your Signature Pulse DJ Headphones, please refer to the warranty card included with your product or visit the official Ultrasone website.

For technical support, service, or further inquiries, please contact Ultrasone customer service through their official website:

Official Website: www.ultrasone.com

Please have your model number (SIGNATURE-PULSE) and purchase date ready when contacting support.

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