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Roland RH-300

Roland RH-300 Monitor Headphones User Manual

Model: RH-300 | Brand: Roland

Product Overview

The Roland RH-300 Monitor Headphones are designed for professional audio monitoring, offering high-fidelity sound reproduction and comfort for extended use. These closed-back headphones are engineered to provide a natural, flat, and accurate sound, making them suitable for critical listening in studio environments.

Key features include:

- Top-of-the-range closed-back design for effective noise isolation and superior monitoring.
- Optimized for monitoring various musical instruments, delivering natural, flat, and accurate sound.
- Custom 45mm drivers with neodymium magnets ensure an ultra-wide frequency range for authentic sonic detail.
- Robust build quality with a stylish aluminum housing plate for durability.
- Lightweight design with soft earpads for enhanced comfort during long sessions.



Figure 1: Roland RH-300 Monitor Headphones. These headphones feature a closed-back design and comfortable earpads.

Setup

1. **Unpacking:** Carefully remove the headphones and all accessories from the packaging. Ensure all components listed in the "What's in the Box" section are present.
2. **Cable Connection:** The RH-300 headphones feature a fixed, coiled cable with a 3.5mm jack. For devices requiring a 6.3mm (1/4-inch) connection, use the included adapter.
3. **Adjusting Fit:**

- Gently extend the headband to fit your head size. The headband is adjustable to ensure a secure yet comfortable fit.
- Position the earcups so they fully enclose your ears. The soft earpads are designed for comfort and effective sound isolation.



Figure 2: Roland RH-300 headphones positioned on a mixing console, illustrating their intended use in a studio environment.

Operating Instructions

1. **Connecting to Audio Source:** Plug the 3.5mm jack (or 6.3mm adapter) into the headphone output of your audio device (e.g., mixing console, audio interface, digital piano).
2. **Volume Control:** Adjust the volume directly from your audio source. The RH-300 headphones do not feature integrated volume controls.
3. **Monitoring:** The closed-back design provides excellent sound isolation, allowing for focused monitoring without external distractions. The neutral sound profile ensures accurate reproduction of your audio.



Figure 3: A user wearing Roland RH-300 headphones, engaged in audio work at a mixing console, highlighting the comfort and isolation provided.

Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the headphones. For earpads, a slightly damp cloth can be used, but avoid excessive moisture. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the headphones in a cool, dry place away from direct sunlight and extreme temperatures. Avoid placing heavy objects on them to prevent damage.
- **Cable Care:** While the coiled cable is designed for durability, avoid excessive pulling or tangling to prolong its lifespan.

Troubleshooting

- **No Sound:**
  - Ensure the headphone jack is fully inserted into the audio source.
  - Check the volume level on your audio device.
  - Test the headphones with a different audio source to rule out device issues.
- **Distorted Sound:**
  - Lower the volume on your audio source.
  - Ensure the audio source is providing a clean signal.
- **Uncomfortable Fit:**
  - Adjust the headband length until the earcups sit comfortably over your ears without excessive pressure.

Specifications

Feature	Detail
Model Name	RH-300
Brand	Roland
Style	Stereo Headphones
Ear Placement	Over Ear
Connectivity Technology	Wired
Headphones Jack	3.5 mm Jack
Audio Driver Size	45 Millimeters
Impedance	40 Ohms
Noise Control	Sound Isolation
Material	Aluminum
Item Weight	1.06 ounces (0.03 Kilograms)
Product Dimensions	10 x 8 x 4 inches
Included Components	Studio Monitoring Headphones

Official Product Videos

Roland RH Headphones Overview

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Video 1: An official overview of the Roland RH Series headphones, including the RH-300, showcasing their design and features for various musical applications.

Roland RH Series Headphones Comparison



Figure 4: A visual comparison of the Roland RH Series headphones, featuring models like RH-300, RH-A30, RH-200, RH-300V, RH-A7, and RH-5.

Warranty and Support

For warranty information and technical support, please refer to the official Roland website or contact Roland customer service. Keep your purchase receipt for warranty claims.

Visit the official Roland Store: Roland Store on Amazon

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