QH-100

Professional Closed-Back Monitoring Headphones

53 mm drivers | 60 Ω impedance | Wired stereo monitoring



MODEL	TYPE
QH-100	Closed-back wired monitoring headphones

Read this manual before use. Retain it for future reference.

Important Safety Information

> **!**
>
> **Protect your hearing**
> Start with the source volume at minimum and increase it gradually. Listening at excessive levels, particularly for long periods, may cause permanent hearing damage.

Listening safely: Take regular breaks, use the lowest practical monitoring level and avoid using headphones where hearing surrounding sounds is essential for safety.

Connection safety: Connect only to a suitable headphone output. Never connect headphones directly to a loudspeaker-level or other amplified output not intended for headphones.

Care and environment: Keep the headphones and connections away from rain, liquids, high heat and excessive humidity. Avoid impact or excessive pressure on the headband and earcups.

Cable safety: Keep the cable away from trip hazards, sharp edges and moving equipment. Disconnect by holding the plug, never by pulling the cable.

Servicing: Do not disassemble the headphones or attempt internal repairs. Stop using the product if the cable or plug becomes damaged.

Product Overview

The Q-Audio QH-100 is a professional wired monitoring headphone designed for DJs, recording, rehearsal and general audio monitoring. Its closed-back construction helps reduce sound leakage, while the adjustable headband and cushioned earcups are designed for comfortable extended listening.

Key Features

- Large 53 mm headphone drivers with a specified 10 Hz to 30 kHz frequency response.
- Closed-back acoustic construction for monitoring in busy environments.
- Adjustable headband and cushioned earcups for a secure, comfortable fit.
- Single-sided cable made from 99.99% oxygen-free copper (OFC), approximately 3 m long.
- 3.5 mm stereo jack with screw-on 6.35 mm adaptor for compatible headphone outputs.
- 60 Ω impedance, with a maximum input power rating of 1,200 mW.

Before First Use

Check the headphones, ear cushions, cable, 3.5 mm plug and screw-on adaptor for visible damage. Ensure the adaptor is secure before use.

Setup and Operation

Always turn the connected equipment's headphone output down before connecting the QH-100.

1. **Choose the correct connector.** Use the 3.5 mm stereo plug for compatible devices. For equipment with a 6.35 mm headphone socket, screw the supplied 6.35 mm stereo adaptor securely onto the 3.5 mm plug.
2. **Connect to the source.** Insert the plug fully into the dedicated headphone output on a mixer, DJ controller, audio interface, amplifier or other compatible audio device.
3. **Adjust the headband.** Position the earcups comfortably over your ears and adjust the headband for a secure fit without excessive pressure.
4. **Start at minimum level.** Set the source headphone volume to its minimum setting before playback. Start the audio and increase the level slowly to a comfortable listening volume.
5. **Listen and monitor.** When listening in a loud environment, avoid compensating by turning the headphones excessively high. Take regular listening breaks.
6. **Disconnect and store.** Reduce the source volume, remove the plug by gripping its body and store the headphones and cable without tight bends.

Connection Reference

Connector	Intended use
3.5 mm stereo plug	Compatible 3.5 mm headphone output on a computer, audio interface or other device.
6.35 mm screw-on adaptor	Compatible 6.35 mm stereo headphone output on DJ mixers, studio equipment and amplifiers.

> **!** **Do not use microphone or speaker outputs**
> The QH-100 must be connected to a dedicated headphone output capable of driving 60 Ω headphones. Never connect it directly to a powered speaker output.

Comfort and Monitoring Tips

- Position the headband centrally and keep both earcups seated evenly.
- For consistent monitoring, avoid lifting an earcup while listening at high volume.
- If the sound is distorted, reduce the headphone output level on your equipment.
- If sound is present in only one ear, reseat the stereo plug and check the source settings.

Technical Datasheet

Specification	QH-100
Headphone type	Closed-back monitoring headphones
Driver diameter	53 mm
Impedance	60 Ω
Sensitivity	94 ±3 dB
Frequency response	10 Hz to 30 kHz
Maximum input power	1,200 mW
Cable	Single-sided, 99.99% OFC; approximately 3 m
Connector	3.5 mm stereo jack with 6.35 mm screw-on stereo adaptor
Weight	280 g (including cable)

Maintenance and Storage

- Disconnect the headphones from the audio source before cleaning.
- Clean the external surfaces and ear cushions gently using a soft, dry cloth. Do not apply solvents or spray liquids onto the headphones.
- Keep the cable loosely coiled and avoid sharp bends near the plug or earcup.
- Store in a clean, dry place, away from direct sunlight, excessive humidity or heavy objects.

Troubleshooting

Issue	Checks
No sound	Check that the plug is fully inserted into the correct headphone socket and the source output is active. Increase volume gradually.
Sound from one side only	Check stereo balance, reseat the plug and check that the screw-on adaptor is secure.
Distorted or harsh audio	Reduce the headphone output level and check for clipping or distortion at the connected audio source.
Intermittent sound	Inspect the cable and connectors for damage. Test a known working headphone output. Do not continue using a damaged cable.

Specification notice Specifications and product appearance are subject to change without notice.