

Miktek™

DH90

Professional Semi-open Headphones

Owner's Manual



miktekaudio.com

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WARNING! This product is capable of causing permanent damage to your hearing if used at excessive volumes!

To protect your hearing, the Miktek DH90s should always be used at as low of a volume as possible. We recommend that you strictly follow the guidelines established by the U.S. Occupational Safety Health Administration (OSHA) regarding maximum time exposure at various sound pressure levels:

- Don't use this product for more than 8 hours at 90 dB SPL
- Don't use this product for more than 4 hours at 95 dB SPL
- Don't use this product for more than 2 hours at 100 dB SPL
- Don't use this product for more than 1 hour at 105 dB SPL
- Don't use this product for more than 1/2 hour at 110 dB SPL
- Don't use this product for more than 15 minutes at 115 dB SPL
- Don't operate at listening levels of greater than 120 dB SPL

IMPORTANT NOTE!

Pay close attention to what your ears may be telling you. Ringing is a sign that gain levels are set too high and damage could result. We recommend that you consult with a qualified audiologist if you exhibit ringing or any other symptoms.

DH90 Introduction

Thank you for purchasing the DH90 dynamic headphones from Miktek! Whether you are enjoying music on your smartphone/MP3 player or you are monitoring an important mix in the studio, the DH90 will provide a truly accurate and extremely pleasant listening experience. The Miktek DH90 is a closed-back circumaural dynamic headphone which will impress the most critical listeners. The DH90 has been designed using the latest driver technology, employing custom designed 40mm neodymium transducers. Special attention has been given to the acoustical porting in order to provide accurate stereo imaging and expanded sonic depth. The result is an extremely linear frequency response from bottom to top, with a bass response that is warm and tight, a midrange that is pleasant and true, along with a high frequency response that is sweet and smooth. In addition to the remarkable sound reproduction, the DH90 features an ultra lightweight design with an auto-adjusting headband. The DH90 is so comfortable, you can actually forget you're wearing headphones! For convenience and added reliability the DH90 features a removable cable. Both one meter and three meter cables plus .25mm to .35mm adapter are included for use with smartphones on the go, or for your stereo set at home. The DH90 is stunningly beautiful with a stylish finish normally reserved for exotic race cars, featuring high-tech carbon fiber pattern against black on black with chrome appointments. Their quality build construction ensures an enhanced and reliable

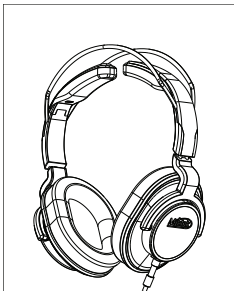
DH90 Introduction

listening experience day in and day out. The headphone is an incredible value, visually appealing and professional in every aspect. The DH90 headphone by Miktek provides accurate reference monitoring to help expand your recording and musical creativity and enhance any listening experience.

In these pages, you'll find a detailed description and specifications of the DH90 headphones, as well as step-by-step instructions for its setup and use, and full specifications. Please don't forget to register your warranty online at miktekaudio.com so that you can receive online technical support and so we can send you updated information about these and other Miktek products in the future. Also, be sure to check out our website for complete information about our full product line. With proper care your DH90's will operate trouble free for many years.

Should your unit ever require servicing, a Return Authorization number (RA) must be obtained before shipping your unit to Miktek. Without the proper RA number, the unit will not be accepted. Please call Miktek at 1 615 250 2434 for a Return Authorization number prior to shipping your unit. Please retain the original packing materials and if possible, return the unit in the original carton and packing materials. If you purchased your Miktek product outside the United States, please contact your local distributor for warranty information and service.

DH90 Features



Features

- Professional studio monitoring headphones
- Closed-back design for enhanced ambient listening environment
- 40 mm drivers for exceptional reproduction and wide dynamic range
- Auto-adjusting headband for a secure, comfortable fit
- .25mm to .35mm gold plated adapter included plus both one and three meter cables included

Using the DH90

Using the DH90

1. Before you connect to your sound source, be sure to turn the volume down on your playback device.
2. Connect one of the supplied cables to the earphone plug.
3. Connect the other end of the supplied cables to the earphone plug.
4. Use the provided cable clip to help lock the cable in place.
5. Place the headset on your head and cover your ears with the ear-cups.
6. Slowly turn up the level on your playback device until you reach a comfortable listening level.
7. Enjoy your music!

DH90 Specifications

Driver type.	Dynamic
Type.	Closed-back type
Driver Unit:	40 mm, 38 μ Neodymium
Frequency response	10 Hz - 20 kHz
Impedance	68 Ω
Sensitivity	98dB
Connector	3.5 mm adapted to 6.3 mm gold-plated
Cable	3.5 mm \times 1 m long and 3.5 mm \times 3 m long
Weight	276 g

Specifications subject to change without notice.

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