

Closed Type Stereo Headphones

# AH-D5000/AH-D2000/AH-D1000

# DENON

Now you can have your own space to enjoy music to your heart's content.



AH-D5000



AH-D2000



AH-D1000  
(Black)



AH-D1000  
(Silver)

## ■ Development Concept

The AH-D5000 and AH-D2000 have been designed for music lovers who want to enjoy a realistic sound in complete peace, while the AH-D1000 provides a high-quality sound that can be easily enjoyed outdoors as well as indoors.

## ■ Background

Sound is conveyed to people's ears as waves that occur when vibrations from a sounding body causes the air to vibrate. In a normal listening environment, sound waves released from speakers fill the listening space, and the waves that reach people's ears are reflected or absorbed by objects in the room such as desks, chairs, sofas, the floor, ceiling, or carpet. This is how we, through audio products, enjoy music recorded in a concert hall, live house, or studio. If you wish to enjoy an ambiance as though you were sitting in a concert hall or live house, you would have to raise the volume on the amp to some extent and drive the speakers. However, if your free time to enjoy music occurs late at night, you may not be able to raise the volume. At times like those, you need headphones that let you freely enjoy the music and give you the quality of sound you require. To develop such headphones, we at Denon embarked on a new path where we focused on the acoustic space inside the headphones rather than the listening room.

Wearing headphones is like placing your ears right beside the speakers. The sounding body vibrates the air, but instead of being influenced by surrounding objects, the sound waves go directly into your ears. At first glance, you might imagine hearing a beautifully realistic sound, but there are a few issues that must be addressed first:

- The driver unit needs to reproduce both delicate details and powerful sound,
- The materials used for the housing need to have superior acoustic properties,
- The headband and frame need to feel natural while being worn,
- The cable needs to preserve the purity of electric signals during transmission.

Denon engineers have cleared these challenges step by step through repeated listening tests and adjustments.

Musical instruments produce a wide variety of delicate nuances in sound that are most enjoyable to listen to. We invite you now to produce your own space where you can enjoy them to your heart's content.

# AH-D5000/AH-D2000/AH-D1000

## ■ Main Features of AH-D5000

### • Wooden housing

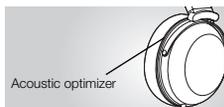
Employs housing made of natural wood with superior acoustic characteristics that are rich with a broad, natural sound.

### • Microfiber diaphragm

Microfiber has been used to form the diaphragm so that it faithfully reproduces the sonic details and delicate reverberations that occur in concert halls.

### • Acoustic optimizer

Optimum acoustics characteristics are achieved by adjusting the sound pressure balance in front of and behind the diaphragm.



### • L/R equal cable connection

High-quality cables of equal length for the L/R channels are used to maintain optimum sound quality. High-purity 7N-OFC cables with a cloth mesh jacket are used.

### • Light-weight magnesium frame

This frame lets listeners enjoy maximum comfort during extended listening sessions.

## ■ Main Features of AH-D2000

### • Superior headphone housing for high sound quality

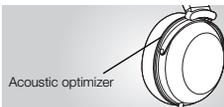
Materials with superior acoustic characteristics have been used for the headphone's housing to ensure faithful reproduction of the original sound.

### • Microfiber diaphragm

Microfiber has been used to form the diaphragm so that it faithfully reproduces the sonic details and delicate reverberations that occur in concert halls.

### • Acoustic optimizer

Optimum acoustics characteristics are achieved by adjusting the sound pressure balance in front of and behind the diaphragm.



### • L/R equal cable connection

High-quality cables of equal length for the L/R channels are used to maintain optimum sound quality. These are OFC cables enclosed in a cloth mesh jacket.

### • Light-weight magnesium frame

This frame lets listeners enjoy maximum comfort during extended listening sessions.

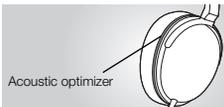
## ■ Main Features of AH-D1000

### • Microfiber diaphragm

Microfiber has been used to form the diaphragm so that it faithfully reproduces the sonic details and delicate reverberations that occur in concert halls.

### • Acoustic optimizer

Optimum acoustics characteristics are achieved by adjusting the sound pressure balance in front of and behind the diaphragm.



### • L/R equal cable connection

High-quality OFC cables of equal length for the L/R channels are used to maintain optimum sound quality.

### • Includes extension cable

A 1.5-meter cable is provided for use when enjoying music with high-quality sound from a digital audio player carried in a pocket, and an extension cable of 3.5 meters is also provided for when the headphones are used at home.

## Specifications

### AH-D5000

Type	Dynamic type
Drive units	ø 50 mm (1-31/32") Neodymium magnet
Input impedance	25 ohms
Sensitivity	106 dB/mW
Maximum input	1,800 mW
Playback frequencies	5 - 45,000 Hz
Weight	370 g (13 oz) (not including cable)
Cable length	3.0 m (9' 10-7/64") 7N-OFC cable
Plug	ø 3.5 mm (9/64") gold-plated stereo mini plug
Accessories	ø 6.3 mm (1/4") Stereo plug / Operating instructions

### AH-D2000

Type	Dynamic type
Drive units	ø 50 mm (1-31/32") Neodymium magnet
Input impedance	25 ohms
Sensitivity	106 dB/mW
Maximum input	1,800 mW
Playback frequencies	5 - 45,000 Hz
Weight	350 g (12-3/8 oz) (not including cable)
Cable length	3.0 m (9' 10-7/64") OFC cable
Plug	ø 3.5 mm (9/64") gold-plated stereo mini plug
Accessories	ø 6.3 mm (1/4") Stereo plug / Operating instructions

### AH-D1000

Type	Dynamic type
Drive units	ø 40 mm (1-9/16") Neodymium magnet
Input impedance	32 ohms
Sensitivity	ø 103 dB/mW
Maximum input	1,300 mW
Playback frequencies	8 - 37,000 Hz
Mass	180 g (6-3/8oz) (not including cable)
Cable length	1.5 m (4' 11") OFC cable
Plug	ø 3.5 mm (9/64") gold-plated stereo mini plug
Accessories	3.5 m (11' 5-25/32") OFC cable / ø 6.3 mm (1/4") Stereo plug / Operating instructions

\*Design and specifications are subject to change without notice.

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