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## **Denon AH-D2000 'Magnesium' £249.99 Reference Class Closed Stereo Headphones**



**Denon's second high-end headphone is another state-of-the-art closed design, delivering quality and serious performance at an attainable price.**

Based on the £500 AH-D5000, the 2000 has been designed and voiced by Denon's high-end Hi-fi engineering team, developers of Denon's Advanced Evolution Hi-fi ranges and Hi-fi market leaders in Japan.

Exotic materials and advanced engineering deliver sound worthy of the Denon name

- extended frequency response of 5 - 45,000 Hz
- large rigid 50mm diaphragms using latest Microfiber technology (100x the density of cellulose)
- Acoustic Optimizer balances pressure on both sides of the diaphragm. (makes greater diaphragm movement possible)
- advanced composite housing for superior acoustic characteristics
- lightweight magnesium frame for maximum comfort
- equal length high-purity 7N, 99.99999% OFC cables

**These are CLOSED headphones** designed for music lovers who want to enjoy a realistic sound in complete peace. They are superbly comfortable for long listening sessions.

**This is a beautiful artefact, worth every penny**

Build quality, comfort and feel are outstanding. Even the headband adjustment is engineered with ball bearings to give easy and precise adjustment

**A special Acoustic Optimizer**

Adjusts sound pressure balance in front of and behind the diaphragm to deliver dynamic bass sounds and dramatically fast transient response

**Ultra-rigid microfiber diaphragms** reproduce fine sonic details and clear, defined bass. Small ports on the outer part of the housing further increase efficiency and improve overall sound quality.

**High-end cabling**

Denon have used the best (and most expensive) equal length high-purity 7N, 99.99999% OFC cables with a tough mesh jacket to ensure that the best signal reaches the capsules.

**the features**

- extended frequency response of 5 - 45,000 Hz
- high sensitivity of 106dB - can go very loud
- powerful neodymium magnets
- large rigid diaphragms using latest Microfiber technology (microfiber diaphragms have 100x the density of cellulose)
- Acoustic Optimizer balances pressure in front of and behind the diaphragm. (makes greater diaphragm movement possible)
- advanced composite housing for superior acoustic characteristics
- lightweight magnesium frame for maximum comfort
- equal length high-purity 7N, 99.99999% OFC cables
- gold-plated connectors
- cloth mesh cable jackets 106 db
- high-grade soft ear pad cushioning
- adjustable padded headband with ball-bearing click adjustment

**the sound**

- a rich, airy, dynamic yet natural sound
- ultra-smooth and extended treble
- fast dynamic and very clean bass
- faithfully reproduction of the micro-detail and delicate reverberations that define acoustics

**Specifications**

- Type: Dynamic Closed type
- Drive units: 50 mm Neodymium magnet
- Input impedance: 25 ohms
- Sensitivity: 106 dB/mW
- Maximum input: 1,800 mW
- Playback frequencies: 5 - 45,000 Hz
- Weight: 350 g (not including cable)
- Cable: 3.0m 7N-OFC cable
- Plug: 3.5 mm gold-plated stereo mini plug
- Accessories, 6.3 mm Stereo plug / Operating instructions

**Denon's new headphones are distinguished by two key sound-enhancing technologies.**

**The latest Microfiber Diaphragm technology**

The smaller size of the Microfiber (1/100th compared to natural cellulose) results in a denser material that increases frequency transmission rates for better sound, more detail, and lower distortion.

**A special Acoustic Optimizer**

Adjusts sound pressure balance in front of and behind the diaphragm to deliver dynamic bass sounds.

website <http://www.denon.co.uk>

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