

New model information

# AH-NC800

Noise-Cancelling Headphones

100<sup>th</sup>  
Anniversary  
since 1910

# DENON

## Improved Noise Cancelling and Wearing Comfort, Giving You High-quality Sound for Longer

Denon has developed technology, called Dual Noise Cancelling, that now shuts out 99%<sup>(1)</sup> of ambient noise. The Denon AH-NC800 headphones not only give you this nearly-perfect noise cancelling performance but also a newly-developed headphone design for improved wearing comfort, as you need both when you listen to high-quality sound over long periods. Along with noise-free tranquillity, the AH-NC800 has a newly-developed head band that disperses pressure over the head, and the ear pads are made of protein leather sewn in 3D to achieve a gentle touch to the skin for extended wearing comfort. In the area of sound quality, Denon has tapped its extensive expertise in Hi-Fi audio amplifiers to develop Audio Restorer, a technology for reproducing high-quality sound from music files stored in portable audio players, and has even built a low-distortion, high-performance amp into the headphones to ensure that the sound you hear is beautifully clear and dynamic. The AH-NC800 is also foldable and stores very snugly into the supplied carrying case. Enjoy the AH-NC800 whether you are out or at home.

### Features

#### New features

- Dual Noise Cancelling combination for more quietness
- 3D draping soft skin and foam cushions ear-pads for best comfort
- Newly developed 42 mm driver unit for dynamic sound

#### Main features

- Compressed Audio Restorer improves the fidelity from your portable audio player
- A high-performance audio amp has been included to suppress electrical noise and accurately bring out the details of low-level sound
- Hybrid material housing for highest fidelity sound reproduction
- Acoustic Optimiser and 42 mm driver for clear, dynamic sound
- Lower power consumption permitting continuous use of 40 hours<sup>(2)</sup>
- Includes two detachable OFC cables of 0.7 and 1.5 meters each to suit different user needs
- Comes with an airline adapter that can be used for listening to audio programs on airplanes<sup>(3)</sup>
- Also comes with a convenient carrying case into which the AH-NC800 can be snugly stored.



• **Dual Noise Cancelling combination for more quietness**

Denon noise cancelling technology cuts ambient noise by 99%<sup>(\*)</sup>. This noise cancelling design includes newly developed Dual Noise Cancelling that utilises two small microphones, one to collect sound from outside the housing and another to collect sound within the ear pad, and generates cancelling signals for the two sources of sound to effectively eliminate the noise and improve noise cancelling performance.

• **Compressed Audio Restorer improves the fidelity from your portable audio player**

Compressed Audio Restorer restores sound that has been lost during data compression. This technology produces a rich sound that is close to the original quality from the low to high range, allowing you to enjoy high-quality sound from a portable audio player.

• **3D draping soft skin and foam cushions ear-pads for best comfort**

The AH-NC800 uses a head band with a newly-developed shape and ear pads that have been sewn in 3D. The head band provides an improved fit based on 3D analyses of head shapes, and the ear pads have been made of protein leather, a near-natural material that is gentle to the touch. These two features of the AH-NC800 provide optimum wearing comfort over long listening periods.

• **Hybrid material housing for highest fidelity sound reproduction**

Hybrid Metal Housing has been incorporated to protect sound quality from unwanted vibration and produce a clear, beautifully detailed sound. The hybrid construction of aluminum and resin absorbs vibration.

Note:  
(\*1) This figure is obtained by comparing the noise energy levels reaching the ear when the AH-NC800 is worn and when it is not worn. The effectiveness of the newly-developed ear pads and housing at shutting out noise and the generation of noise cancelling signals reduce noise in the audible frequency range of 20 to 20,000 Hz by an average of 99%.  
(\*2) Using an alkaline battery, may vary depending on usage conditions)  
(\*3) May not be usable on some types of aircraft.



Main Specifications	
Type	Dynamic type (with Noise Canceling function)
Drive units	ø 42 mm Neodymium magnet
Input impedance	40 Ω/ohms (when Power ON)
Sensitivity	105 dB/mW (when Power ON)
Maximum input	100 mW
Playback frequencies	5 - 28,000 Hz
Battery type	DC 1.5 V, AAA battery x 1
Battery life (Approx.)	40 H (when an alkaline battery used)
Weight (Approx.)	180 g (Excluding cables and battery)
Accessories	Inflight (Dual) plug adaptor x 1, Detachable cable (0.7 m x 1, 1.5 m x 1), AAA battery x 1, Carrying case x 1

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

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