

# PHILIPS

## Fidelio

### Headphones

#### Fidelio

High-resolution audio

Over-ear

Deluxe memory foam cushions

X2



## High-fidelity sound, in the comfort of your home

With the Fidelio X2 headphones, you're in for an authentic listening experience in exquisite sound and comfort, in your very own home. Immerse yourself in pristine sound details and a custom-fit design that's crafted for your total enjoyment.

### Full immersion in pristine details

- Powerful 50 mm neodymium drivers for wide yet precise range
- Acoustic open-back architecture for pristine audio fidelity
- Double-layered ear shells engineered for sound precision
- Layered motion control diaphragm delivers precise sound
- Pre-tilted drivers fit the ears for minimal sound reflection
- High-resolution audio reproduces music in its purest form

### Crafted for comfort

- Breathable velour cushions to help disperse pressure and heat
- Deluxe memory foam earpads for long-wearing comfort
- Self-adjustable airy hammock with 3D mesh for a perfect fit

### Intuitive and enjoyable ease of use

- 3.5-mm-to-6.3-mm adapter included
- Dedicated cable management clip for tangle-free ease

# Highlights

## 50-mm high-power drivers



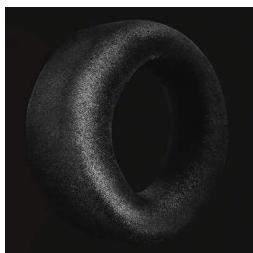
Each speaker is carefully handpicked, tuned and tested, and is paired for the most detailed natural sound. The 50-mm drivers utilise high-power neodymium magnets to reproduce all your music's dynamics and deliver well-balanced crisp bass, transparent mid-range and pristine high frequencies.

## Acoustic open-back design



An acoustic open-back architecture eliminates air pressure build-up behind the driver, allowing the diaphragm ample free movement, greatly enhancing sound transparency and smoothening extended high frequencies.

## Breathable velour cushions



Crafting the Philips Fidelio X2 starts with meticulously choosing each material for its functionality and ergonomic comfort. Deluxe memory foam ear pads are matched with a

velour material of optimised density with high breathability, to dissipate pressure and heat for longer-wearing comfort.

## Double-layered ear shells

The Philips Fidelio X2's double-layered ear shells are engineered to reduce resonance and vibration, bringing you flawless sound with genuine precision and uncompromised detail. The solid, layered construction ensures durability, making the X2 the ideal music companion at home.

## Layered motion control



Layered Motion Control (LMC) drivers feature a multi-layered polymer diaphragm that encases a layer of damping gel. These layers form a flexible boundary and – together with the gel – absorb and dampen any exaggerated frequencies, resulting in a smooth and flatter frequency response. The result is a more balanced, natural and refined range of high-frequency sounds.

## Memory foam ear pads



The materials used for the Fidelio X2 are carefully selected to ensure long-wearing comfort and enhanced sound performance.

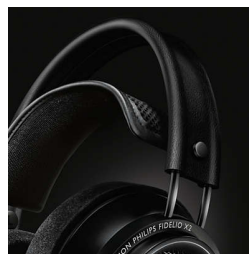
Deluxe breathable ear pads with memory foam are designed for optimal ergonomic fit. Not only does the foam mould itself perfectly to the shape of your ear, it also seals in bass sounds while keeping out ambient noise.

## Pre-tilted drivers



The ear shells are engineered to tilt at 15 degrees, fitting your ear's natural geometry and immersing you in a truly precise and unadulterated sound performance. Audio signals are directly channelled into your ears, creating a dynamic and authentic listening experience.

## Self-adjustable hammock



The self-adjustable lightweight hammock features an airy 3D mesh, which is not only breathable, but is also flexible enough to ensure a perfect fit – always.

## 3.5-mm-to-6.3-mm adapter

3.5-mm-to-6.3-mm adapter included

## Cable management clip



Dedicated cable management clip for tangle-free ease

# Specifications

**Sound**

Acoustic system: Open  
Frequency response: 5 - 40,000 Hz  
Speaker diameter: 50 mm  
Diaphragm: LMC  
Impedance: 30 Ohm  
Magnet type: Neodymium  
Type: Dynamic  
Maximum power input: 500 mW  
Sensitivity: 100 dB @ 1mW  
Distortion (THD): <0.1% THD

**Connectivity**

Cable Connection: detachable Oxygen-free cable (3 m)

**Outer Carton**

Length: 26.5 cm  
Number of consumer packages: 2  
Width: 25.5 cm  
Gross weight: 2.15 kg  
Height: 31 cm  
GTIN: 1 69 23410 73168 9  
Net weight: 0.87 kg  
Tare weight: 1.28 kg

**Packaging dimensions**

Height: 32 cm  
Packaging type: Carton  
Type of shelf placement: Both  
Width: 24 cm  
Depth: 12 cm

Number of products included: 1  
EAN: 69 23410 73168 2  
Gross weight: 0.91 kg  
Net weight: 0.435 kg  
Tare weight: 0.475 kg

**Product dimensions**

Height: 23 cm  
Width: 19 cm  
Depth: 11 cm  
Weight: 0.38 kg

**Accessories**

Adapter plug: 3.5 - 6.3-mm adapter  
Cable management: Cable clip

