



Philips Fidelio
Headphones

High resolution audio

Over-ear
Deluxe memory foam cushions



X2

High fidelity sound, in the comfort of 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 in pristine sound details and custom-fit design that's crafted for your total enjoyment.

Full immersion in pristine details

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

Intuitive and enjoyable ease of use

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

Crafted for comfort

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

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Highlights

50mm high power drivers



Each speaker is carefully handpicked, tuned and tested, and is being paired for the most detailed natural sound. The 50mm drivers utilize 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 smoothing extended high frequencies.

Breatheable 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 optimized density with high breathability, to dissipate pressure and heat for longer-wearing comfort.

Double layered earshells

The Philips Fidelio X2's double layered earshells are engineered to reduce resonance and vibration, bringing you flawless sound with genuine precision and uncompromised detail. The solid, layered construction ensures durability, making 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 – absorbs and dampens 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 earpads



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 earshells 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 channeled 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 flexible enough to ensure a perfect fit – always.

3.5mm to 6.3mm adaptor

3.5mm to 6.3mm adaptor included

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Specifications

Sound

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

Connectivity

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

Accessories

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

Packaging dimensions

- EAN: 69 23410 73168 2

- Packaging dimensions (W x H x D): 24 x 32 x 12 cm
- Gross weight: 0.91 kg
- Nett weight: 0.435 kg
- Number of products included: 1
- Packaging type: Carton
- Tare weight: 0.475 kg
- Type of shelf placement: Both

Outer Carton

- Gross weight: 2.15 kg
- GTIN: 1 69 23410 73168 9
- Outer carton (L x W x H): 26.5 x 25.5 x 31 cm
- Nett weight: 0.87 kg
- Number of consumer packagings: 2
- Tare weight: 1.28 kg

Product dimensions

- Product dimensions (W x H x D): 19 x 23 x 11 cm
- Weight: 0.38 kg



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