



Headphones

- High-resolution audio
- Over-ear
- Deluxe memory foam cushions

X2/00

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.

Benefits

Full immersion in pristine details

- High-resolution audio reproduces music in its purest form
- 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

Intuitive and enjoyable ease of use

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

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

PHILIPS

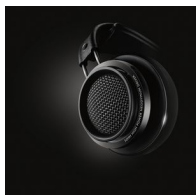
Features

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

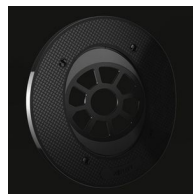
boundary and – together with the gel – absorb and dampen any exaggerated frequencies, resulting in a smooth and flatter frequency response. The result is a more balanced, natural and refined range of high-frequency sounds.

Memory foam ear pads



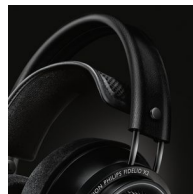
The materials used for the Fidelio X2 are carefully selected to ensure long-wearing comfort and enhanced sound performance. Deluxe breathable ear pads with memory foam are designed for optimal ergonomic fit. Not only does the foam mould itself perfectly to the shape of your ear, it also seals in bass 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

Cable management clip



Specifications

Please note that this is a pre-sales leaflet. The contents of this leaflet reflect the best of our knowledge per date and country mentioned above. The contents of this leaflet are subject to change without notice. Philips does not accept any liability as to the contents of this leaflet.

Sound

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

Connectivity

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

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

Product dimensions

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

Packaging dimensions

Height	32.00 cm
Width	24.00 cm
Depth	12.00 cm
Net weight	0.44 kg
Gross weight	0.91 kg
EAN	06923410731682
Number of products included	1
Country of origin	CN
Harmonised Systems Code	851830

Outer Carton

Length	26.50 cm
Width	25.50 cm
Height	31.00 cm
Gross weight	2.15 kg
EAN	16923410731689
Number of consumer packages	2

Loading Unit

Number of consumer packages	96
Length	106.00 cm
Width	76.50 cm
Height	124.00 cm
Gross weight	105.60 kg
Net weight	41.76 kg
GTIN/EAN	66923410731684
Type	8845
Number of CTIs per stack layer	24
Number of stack layers per unit	4
Number of outer cartons per layer	12



data subject to change
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