

# PHILIPS

Over-ear indoor  
headphones

Fidelio

High-resolution audio

Acoustic open-back design

Over-ear headband

Breathable ear cushion

X2HR



## High resolution sound, in the comfort of home

With the Fidelio X2HR 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.

### Your companion for years to come

- Replaceable ear-cup cushions for years of use
- Self-adjustable and replaceable airy hammock with 3D mesh
- RCS-certified recycled plastic. Responsible packaging

### Full immersion in pristine details

- Powerful 50mm neodymium drivers for wide yet precise range
- Acoustic open-back architecture for pristine audio fidelity
- Layered motion control diaphragm delivers precise sound
- Double-layered earshells engineered for sound precision
- 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 dispel pressure and heat
- Deluxe memory foam earpads for long-wearing comfort

## Highlights

### High resolution audio

High Resolution Audio offers the best in audio performance, reproducing original studio master recordings more faithfully than 16bit 44.1kHz CD formats. This uncompromising quality makes High Resolution Audio the best sound companion for the music lover. Fidelio headphones meet the stringent standards required for the Hi-Res Audio stamp of quality. Whether enjoying your Hi-Res collection or a more traditional music source, the smooth extended high frequencies of the Fidelio headphone range help you get more from your music.

### 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



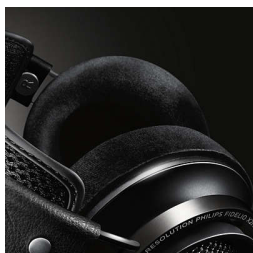
An acoustic open-back architecture eliminates air pressure build-up behind the driver, allowing the diaphragm ample free movement, greatly enhancing sound transparency and smoothening extended high frequencies.

### 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.

### Breathable velour cushions



Crafting the Philips Fidelio X2HR 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.

### Self-adjustable and replaceable hammock

The self-adjustable and user-replaceable lightweight hammock features an airy 3D mesh – engineered for breathability and dynamic flexibility to ensure a perfect fit, while its modular design allows effortless customization or renewal when desired.

### Recycled materials

We use post-consumer recycled plastics in this product, and our packaging is plastic-free. Inserts are printed on recycled paper with soy-based ink, and the packaging itself is made from FSC-certified recycled cardboard.

### Double-layered earshells

The Philips Fidelio X2HR'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 X2HR the ideal music companion at home.

### Memory foam earpads

The materials used for the Fidelio X2HR 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 mold itself perfectly to the shape of your ear, it also seals in bass sounds while keeping out ambient noise.

### Replaceable components

The soft memory-foam ear-cup cushions on these headphones can be easily swapped out when it reaches the end of its life.

# Fidelio

Over-ear indoor headphones

X2HR/37

## Specifications

### Sound

Acoustic system: Open  
Frequency range: 5 - 40,000 Hz  
Speaker diameter: 50 mm  
Impedance: 30 Ohm  
Maximum power input: 500 mW  
Sensitivity: 100dB±3dB (1 kHz, 1mW)  
Distortion (THD): <0.1% THD  
Hi-Res Audio

### Connectivity

Detachable cable  
Headphone socket: 3.5 mm

### Outer Carton

Length: 36.00 cm  
Number of consumer packagings: 3  
Width: 24.00 cm  
Gross weight: 3.25 kg  
Height: 27.90 cm

GTIN: 1 08 40063 20764 3  
Nett weight: 1.32 kg  
Tare weight: 1.93 kg

### Packaging dimensions

Height: 25.25 cm  
Packaging type: Carton  
Type of shelf placement: 1  
Width: 22.2 cm  
Depth: 11.2 cm  
Number of products included: 1  
Gross weight: 0.899 kg  
Nett weight: 0.441 kg  
Tare weight: 0.458 kg

### Product dimensions

Height: 21.93 cm  
Width: 19.32 cm  
Depth: 10.59 cm  
Weight: 0.39 kg

### Accessories

Others: 1 pcs cable management clip  
Audio cable: 3.5mm stereo cable, L=3m  
Included adapters: 3.5-6.3 mm adapter plug  
OFC (Oxygen free cable)

### Design

Color: Black  
Wearing style: Headband  
Ear coupling material: Fabric  
Ear fitting: Over-ear  
Earcup type: Open-back

### UPC

UPC: 8 40063 20764 6

### Sustainability

Plastic shell: contains 12% RCS certified recycled post-consumer Acrylonitrile Butadiene Styrene TE-00132492

