



# 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.

## 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

## Crafted for comfort

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

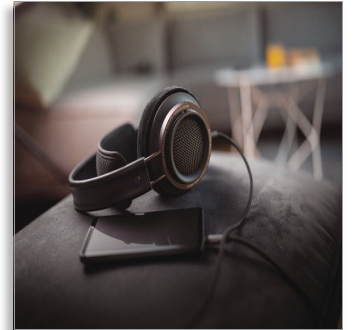
## Intuitive and enjoyable ease of use

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

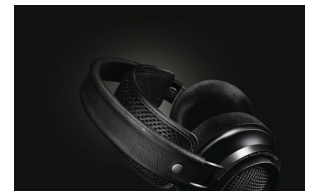
Philips Fidelio  
Headphones

## High resolution audio

Over-ear  
Acoustic open-back design  
Breathable ear cushions



X2HR



# PHILIPS

## Headphones

High resolution audio Over-ear, Acoustic open-back design, Breathable ear cushions

X2HR/00

# 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



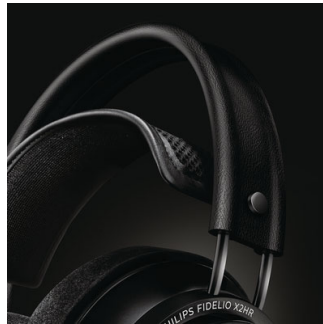
An acoustic open-back architecture eliminates air pressure build-up behind the driver, allowing the diaphragm ample free movement, greatly enhancing sound transparency and smoothening extended high frequencies.

### Layered motion control



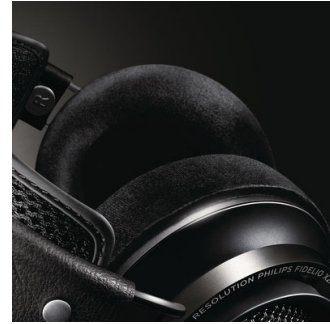
Layered Motion Control (LMC) drivers feature a multi-layered polymer diaphragm that encases a layer of damping gel. These layers form a flexible boundary and – together with the gel – absorbs and dampens any exaggerated frequencies, resulting in a smooth and flatter frequency response. The result is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

### 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.

### 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.

### 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.

## Headphones

High resolution audio Over-ear, Acoustic open-back design, Breathable ear cushions

X2HR/00

# Specifications

### Sound

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

### Connectivity

- Detachable cable
- Headphone socket: 3.5 mm

### Design

- Color: Black
- Wearing style: Headband

### Accessories

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

### Outer Carton

- Gross weight: 2.15 kg
- GTIN: 1 69 51613 99201 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

### Packaging dimensions

- Packaging dimensions (W x H x D):  
24 x 32 x 12 cm
- EAN: 69 51613 99201 2
- Gross weight: 0.91 kg
- Nett weight: 0.435 kg
- Number of products included: 1
- Packaging type: Box
- Tare weight: 0.475 kg
- Type of shelf placement: Hanging

### Product dimensions

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

### UPC

- UPC: 8 89446 00718 3



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Version: 9.2.5

12 NC: 8670 001 41881  
EAN: 69 51613 99201 2

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