

Philips 6000 series  
Over-ear wireless  
headphones

### Noise Cancelling Pro

Over-ear fit  
Natural sound. Dynamic Bass  
Up to 70 hours of play time

TAH6509BK



## Immerse freely

Work or play, flow through your days with these wireless noise-cancelling headphones! Adaptive noise cancellation and a comfy over-ear fit keep you immersed. You get rich, detailed sound, and there's a low-lag setting for games and films.

#### **Over-ear wireless headphones. Immerse in style**

- Immerse with Noise Cancelling Pro
- Light, comfy, foldable—and stylish!
- Great sound even at low volume with Dynamic Bass
- Powerful 40 mm neodymium drivers

#### **Always ready for work and play**

- Up to 70 hours of play time (45 with noise cancelling on)
- A quick 5 minute charge provides 3 hours of playback
- Clear calls. They'll hear what you're saying
- Convenient control buttons on the right ear cup
- Solid Bluetooth multipoint connection

#### **Rich natural sound and handy companion app**

- Philips Headphones app. Personalise settings and controls
- Warm, detailed, natural. Philips sound signature

# PHILIPS

Over-ear wireless headphones

Noise Cancelling Pro Over-ear fit, Natural sound. Dynamic Bass, Up to 70 hours of play time

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# Highlights

## Noise Cancelling Pro

Adaptive noise cancellation quickly reacts to your surroundings to suppress external noise, including wind, in real time. If you want to hear what's going on around you, Awareness Mode lets outside sounds back in. Quick Awareness enhances voices, so you can have a conversation without removing your headphones.

## Lightweight and comfy

The round ear-cup mounts and sleek frame give these over-ear headphones a distinctive sense of style. Memory foam ear-cup cushions keep you comfortable throughout long listening sessions, and the ear cups fold flat and swivel inwards for easy storage in your pocket or bag.

## Great sound. Dynamic Bass

You'll enjoy rich sound from the 40 mm drivers, and good passive noise isolation from the over-ear fit. To enjoy the full power of your favourite basslines without turning up the volume, simply activate Dynamic Bass via the multi-function button or the Philips Headphones app.

## Up to 70 hrs (with ANC off)

You get well over a day of listening even if you have noise cancellation turned on. A full charge takes just 2 hours via USB-C, and a quick 5 minute charge gives you an extra 3 hours. You can also use a USB-C cable to plug into any smart device with a USB-C port.

## Clear calls

Your voice will come through clearly when you're on a call. A dedicated mic picks up the sound of your voice while a noise-reduction algorithm quietens some of the background noise from the world around you.

## Philips Headphones app

Ever forget to turn off your headphones? Set a timer on our companion app and they'll power down automatically. The app also lets you manage connected devices or turn adaptive noise cancellation off and take control of the levels yourself. Plus, there's a range of pre-set sound styles: Voice is ideal for podcasts!

## Convenient control buttons

Handy control buttons let you toggle between noise cancellation modes or activate Quick Awareness. The multi-function button lets you

manage calls, control playback and activate Dynamic Bass. If you're gaming or watching videos, you can trigger the low-latency setting via the power button.

## Solid Bluetooth connection

Advanced Bluetooth connectivity gives you a more stable connection for seamless streaming, and you can connect to two Bluetooth devices (iOS or Android) at the same time. Enjoy that playlist or listen uninterrupted to your favourite podcast without annoying dips in the sound.

## Philips sound signature

From music to podcasts, these wireless headphones make the most of the sounds you love! You'll enjoy warm, detailed sound with rich bass from the large drivers, which are tuned to the Philips sound signature.

## Powerful 40 mm neodymium drivers

Powerful 40 mm neodymium drivers

## A quick 5 minute charge provides 3 hours of playback

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# Specifications

## Sound

- Acoustic system: Closed
- Frequency range: 20-40000 Hz
- Impedance: 32 Ohm
- Sensitivity: 98 dB (1 kHz, -10 dBFS)
- Speaker diameter: 40 mm
- Maximum power input: 20 mW
- Driver type: Dynamic
- Hi-Res Audio

## Connectivity

- Bluetooth version: 5.3
- Bluetooth profiles: A2DP, AVRCP, HFP
- Maximum range: Up to 10 m
- Multipoint connection
- Supported codec: SBC
- Headphone socket: 2.5 mm
- USB audio support

## Outer Carton

- Length: 23.60 cm
- Number of consumer packages: 3
- Width: 23.00 cm
- Gross weight: 1.900 kg
- Height: 30.50 cm
- GTIN: 1 48 95229 13968 5
- Net weight: 0.91 kg
- Tare weight: 0.99 kg

## Convenience

- Philips Headphones app support
- Firmware updates possible
- Type of controls: Button

## Power

- Rechargeable
- Number of batteries: 1
- Charging time: 2 hour(s)
- Music play time (ANC on): 45 hour(s)
- Music play time (ANC off): 70 hour(s)
- Fast charging time: 5 mins for 3 hrs
- Battery weight (Total): 12.4 g
- Battery capacity (Headphones): 600 mAh
- Battery type (Headphones): Lithium Polymer (built-in)

## Packaging dimensions

- Height: 22.4 cm

- Packaging type: Carton
- Type of shelf placement: hanging
- Width: 6.7 cm
- Depth: 26.7 cm
- Number of products included: 1
- EAN: 48 95229 13968 8
- Gross weight: 0.521 kg
- Net weight: 0.302 kg
- Tare weight: 0.219 kg

## Product dimensions

- Height: 21 cm
- Width: 19 cm
- Depth: 5.8 cm
- Weight: 0.265 kg

## Accessories

- Audio cable: 2.5-3.5 mm stereo cable, L=1.2 m
- Quick Start Guide

## Design

- Colour: Black
- Wearing style: Headband
- Foldable design: Flat/Inward
- Ear coupling material: Synthetic leather
- Ear fitting: Over-ear
- Earcup type: Closed-back

## Telecommunication

- Microphone for call: 1 mic

## UPC

- UPC: 8 40063 20346 4

## ANC features

- ANC technology: Hybrid, ANC Pro
- Awareness mode
- Adaptive ANC
- Microphone for ANC: 2 mic
- ANC (Active Noise Canceling)

## Voice assistant

- Voice assistant compatible: Apple Siri, Google Assistant
- Voice assistant activation: Press Multi-Function button
- Voice assistant support

