








## Engineered for gaming. Designed for life.

Gaming inspires our imagination. And we expect the highest standards from our gaming accessories: elegant and tasteful design, craftsmanship of the highest standard, and immersive sound.

Bang & Olufsen brings its world-leading expertise in sound, design and craft to gaming with Beoplay Portal - headphones made for gaming that come with exceptional sound and beautiful looks all at the same time.



### IMPORTANT FEATURES

-  Engineered for wireless gaming
-  Immersive and precise surround sound
-  Virtual Boom Arm™ for crystal clear conversations
-  Contemporary design aesthetics
-  Lightweight and crafted for long-term comfort





**BASIC**

**Dimensions (mm)**

167.3 W x 178.7 H x 92.6 D

**Weight**

279 g  
289 g (incl. Audio cable)

**Materials**

Aluminium  
Leather  
Fabric  
Rubber  
Polymer

**Ideal for**

Gaming  
Business  
Commuting

**TECHNICAL**

**Driver type**

Electro-dynamic Driver  
w/ Neodymium magnets,  
40 mm diameter

**Impedance**

24 Ohm +/- 15%

**Effective frequency range**

20-22,000 Hz

**Sensitivity**

95 dB, 1 mW @1kHz

**Sound codecs**

aptX™ Adaptive  
AAC  
SBC

**LED indicators**

Status LED  
Battery LED

**Microphones**

4 Digital MEMS Voice Mic  
(2 mics sharing with ANC)  
4 Dedicated MEMS Mic for ANC  
function (2 mics in each earcup)

**Battery play time**

- Up to 19 hours with wireless gaming, Bluetooth and Active Noise Cancelling (ANC)
- Up to 42 hours with Bluetooth and ANC
- Up to 60 hours with Bluetooth Only

**Battery type**

Lithium-ion battery  
Typical capacity: 1200 mAh

**Power supply**

5V USB charging by USB-C connector

**Charging time**

Approximately 2 hours

**Buttons**

Right button: On/Off  
Left button: Bluetooth  
Right slider: Volume up/Volume down  
Left slider: ANC/Transparency or Own-voice  
Touch interface: Play/Pause or Mute/Unmute, EQ settings



CONNECTIVITY

**Bluetooth**

Bluetooth 5.1  
12 m operating range  
Remembers the last 8 paired devices

**Certifications**

Google Fast Pair  
Made for iPhone (MFi)  
Microsoft Swift Pair

**Connections**

- Bluetooth 5.1
- USB-C port
- 3.5 mm mini-jack
- 2.4 GHz low latency connectivity via dongle

YOU MIGHT WANNA KNOW

**Designer**

Jakob Wagner  
+ Bang & Olufsen Design Team

**In The Box**

Beoplay Portal PC PS headphones  
USB-C dongle, USB-A adaptor  
Fabric carrying pouch  
1.8 m USB-A to USB-C charging cable  
1.25 m Audio cord with 3.5 mm jack  
Quick Start Guide

**Accessories**

Ear cushions (L/R)  
USB-A to USB-C cable, 1.25 m and 1.8 m  
3.5 mm stereo cable, 1.25 m  
Flight adaptor

**Features**

- Adaptive Active Noise Cancelling
- Transparency mode
- Virtual Boom Arm™
- Dolby Atmos enabled virtual surround sound
- 2.4 GHz low latency connectivity via dongle
- Dual-audio streaming for up to 2 devices via dongle and Bluetooth
- Mic-mute function
- Fully functional during charging (stream music, gaming audio, pick up calls etc.)
- Dedicated gaming mode in Bang & Olufsen app
- Advanced equalizer with gaming pre-sets
- Customization of UI



BLACK  
ANTHRACITE



GREY MIST



NAVY





PRODUCT DESCRIPTION

Gaming headphones with an elegant, sophisticated design.

COPY BLOCKS

**5 words:**

Premium headphones engineered for gaming.

**10 words:**

Premium headphones engineered for gaming and outstanding acoustic precision.

**25 words:**

Premium headphones engineered for gaming. Tuned to deliver precise, powerful and immersive sound, whether gaming or enjoying music.

**50 words:**

Gaming headphones with a sophisticated aesthetic that make them wearable in any situation. Packed with quick-access gaming functions, rock-solid connectivity for mobile gaming and Dolby Atmos virtualised surround sound for an immersive gaming experience on PC, PlayStation and other, compatible platforms. Tuned by our acclaimed acousticians to deliver precise and powerful sound, whether gaming or enjoying music.

**100 words:**

Gaming headphones with a sophisticated aesthetic that make them wearable in any situation. Packed with quick-access gaming functions, rock-solid connectivity for mobile gaming and Dolby Atmos virtualised surround sound for an immersive gaming experience on PC, PlayStation and compatible computer platforms. Tuned by our acclaimed acousticians to deliver precise and powerful sound, whether gaming or enjoying music. Adaptive Active Noise Cancellation ensures you hear every detail even in the noisiest of environments, while retaining a rich sound quality. An array of beam-forming microphones deliver crystal clear discussions while eliminating the need for a boom-arm. Crafted with premium, durable materials to allow for long-term comfort.



KEY SELLING POINTS

**Engineered for gaming**

Beoplay Portal is packed with dedicated gaming functions on the headphones for quick access: instantly adjust ANC/own-voice balance, mute, and more. Easily connect to USB-C Dongle for an instant gaming experience, with lossless 2.4GHz wireless connectivity built-in. Bluetooth 5.1 and aptX™ Adaptive makes gaming on your phone solid and seamless. A long battery playtime ensures you can keep on gaming as the feeling takes you.

**Immersive and precise surround sound, ideal for gaming as well as listening to music**

Tuned by our acclaimed acousticians, Beoplay Portal comes with Dolby Atmos for Headphones, providing virtualised surround sound for an immersive and precise gaming experience on PlayStation and computer platforms – while retaining the legendary sound experience provided by Bang & Olufsen.

**Virtual Boom Arm™ for crystal clear conversations**

An array of beamforming microphones isolate and amplify users voice while cancelling out background noise – creating a Virtual Boom Arm™ that eliminates the need for a traditional gaming boom arm.

**Contemporary design aesthetics**

From the stunning gradient anodisation on the aluminium earcups through to the premium, durable materials, and unparalleled craftsmanship, Beoplay Portal for PC and PlayStation adds Scandinavian design values to the world of gaming.

**Lightweight and crafted for long-term comfort.**

Weighing only 279 g, Beoplay Portal features ear cushions with built-in jaw support, crafted from lambskin over memory foam. The inner headband is made from a high quality bamboo fibre textile, chosen for its durability and breathability, and comprises a centre-relief pillow design which prevents stress on the top of the wearer's head – achieving light-weight headphones with long-lasting comfort for the wearer.