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.
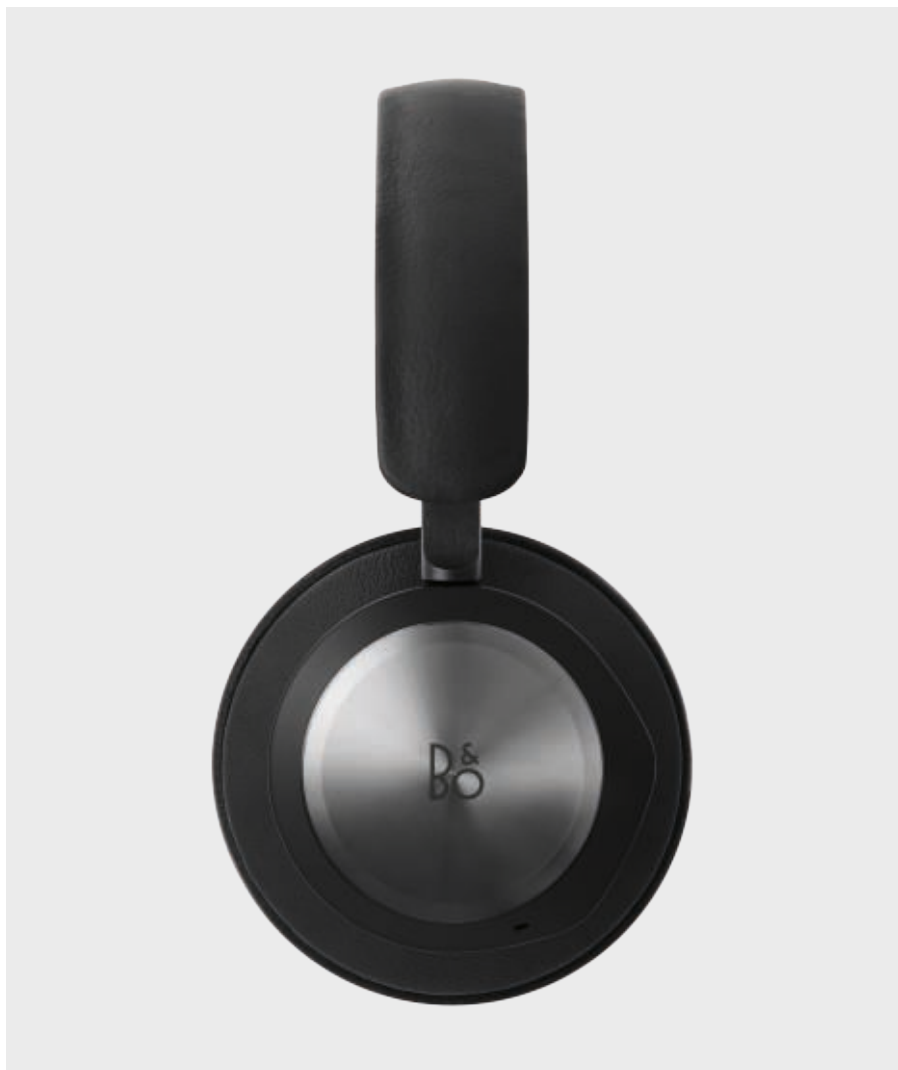
IMPORTANT FEATURES

- 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

02.2022V04

BANG & OLUFSEN

BASIC

Dimensions (mm)
167.3 W x 178.7 H x 92.6 D

Weight
282 g
292 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 12 hours with Xbox wireless,
Bluetooth and Active Noise Cancelling
Up to 24 hours with Bluetooth and
Active Noise Cancelling

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/BT pairing
Left button: Xbox connect/disconnect
Right slider: Volume up/Volume down
Left slider: ANC/Transparency or
Own-voice
Touch interface: Play/Pause or
Mute/Unmute

BANG & OLUFSEN

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
Xbox Wireless
USB-C port
3.5 mm mini-jack

YOU MIGHT WANNA KNOW

Designer
Jakob Wagner
+ Bang & Olufsen Design Team

In The Box
Beoplay Portal headphones
USB-A to USB-C cable, 1.8 m
3.5 mm stereo cable, 1.25 m
Quick Start Guide

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

Features
Adaptive Active Noise Cancellation
Transparency mode
Bluetooth 5.1
Xbox Wireless
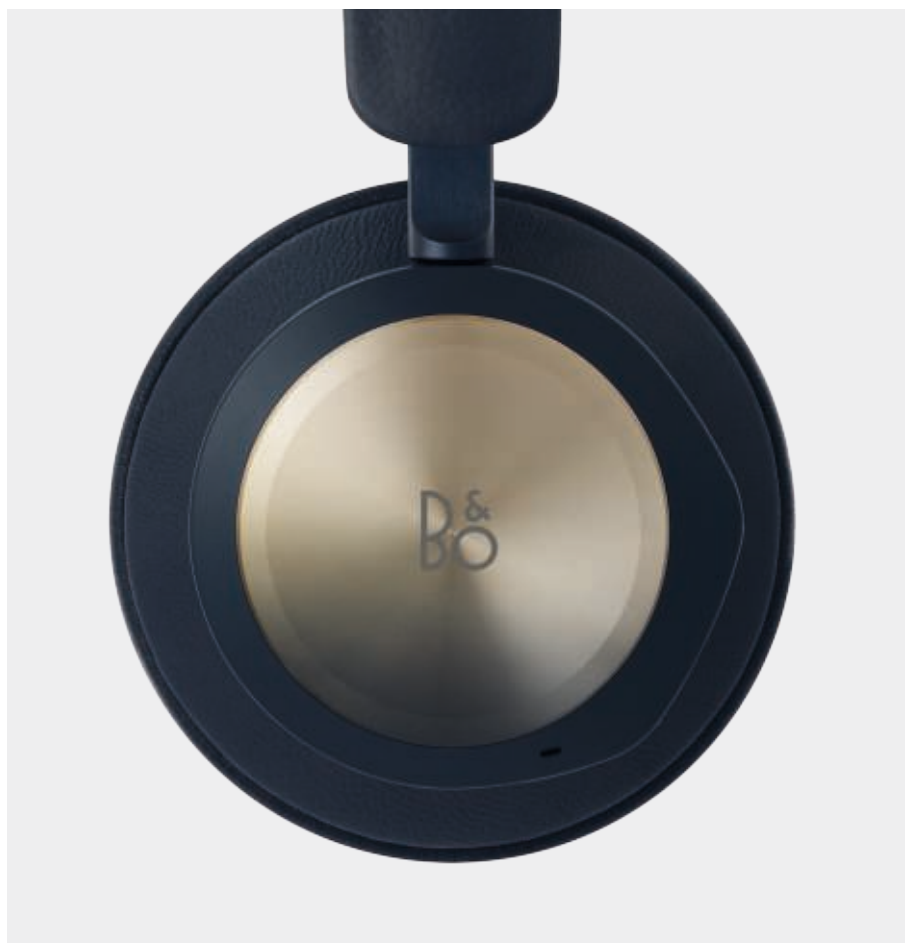Dolby Atmos for Headphones
Virtual Boom Arm™
Multipoint

BANG & OLUFSEN

B&O

BLACK
ANTHRACITE

GREY MIST

NAVY

BANG & OLUFSEN

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 Xbox 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 Xbox 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.

BANG & OLUFSEN

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 Xbox 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 Xbox 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 adds Scandinavian design values to the world of gaming.

Lightweight and crafted for long-term comfort.
Weighing only 282 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.

BANG & OLUFSEN