

SONY

YOUR WORLD.
NOTHING ELSE.

WH-1000X M5



TABLE OF CONTENTS

Introduction



Industry-leading
Noise Cancellation



Premium Sound Quality



Exceptional Call Quality



Smart Listening Experiences



Advanced Design



This PDF is clickable





Click to navigate

Introduction

Noise Cancellation

Premium Sound

Exceptional Calls

Smart Listening

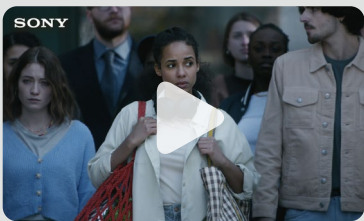
Design

ESCAPE TO A WORLD OF YOUR OWN

The WH-1000XM5 Wireless Headphones are Sony's latest innovation in intelligent noise-cancelling audio technology. With improvements made to audio processing for greater sound and call quality, as well as intuitive AI technologies for a smarter listening experience, the WH-1000XM5 is designed to enhance your everyday listening experience with pure, immersive bliss.



Noise-free listening Anytime, Anywhere



Explore the WH-1000XM5's features





Click to
navigate

Introduction



Noise Cancellation



Premium Sound



Exceptional Calls



Smart Listening



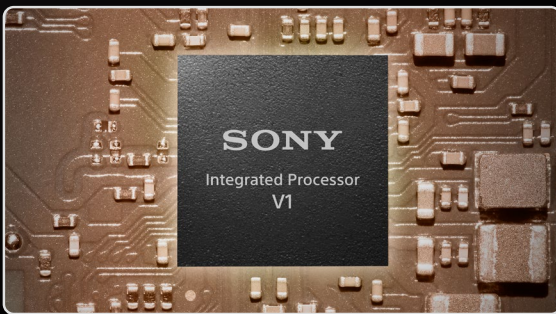
Design



INDUSTRY-LEADING NOISE CANCELLATION

Integrated Processor V1

Our new Integrated Processor V1 combines the Noise Cancelling processor and Bluetooth® "System on Chip" technology on a single chip to deliver the highest level of noise-cancelling in the industry while consuming less power.



HD Noise Canceling Processor QN1
x
Integrated Processor V1

Multi-Noise Sensor Technology

In our biggest step forward in noise-cancelling innovation, the WH-1000XM5 features 4 microphones on each earcup. This captures ambient sound more accurately for a dramatic reduction in high-frequency noise, providing high noise-cancelling performance that immerses you in premium sound with incomparable silence.





Click to navigate

Introduction



Noise Cancellation



Premium Sound



Exceptional Calls



Smart Listening



Design



Newly Developed Light and Rigid Driver Unit

A new 30mm precision-engineered driver unit with a soft TPU (Thermoplastic Polyurethane) edge improves noise cancelling quality, sound clarity and bass sound reproduction, allowing you to enjoy your music precisely without ambient sound.



Click to navigate

Introduction

Noise Cancellation

Premium Sound

Exceptional Calls

Smart Listening

Design



PREMIUM SOUND



Hi-Res Audio™

Enjoy High-Resolution Audio with and without wires, thanks to LDAC™, our industry-adopted audio coding technology which transmits approximately three times more data than conventional Bluetooth® audio for exceptional High-Resolution Audio quality.

Optimised with Walkman® Technologies

Sony's unique technologies include a premium lead-free solder containing gold for excellent conductivity, Fine Sound Resistor for even power distribution, and optimised circuitry for an improved signal-to-noise ratio to ensure clear, consistent sound.

DSEE Extreme

DSEE Extreme™

Using Edge-AI (Artificial Intelligence) technology, DSEE Extreme™ upscales compressed digital music files in real-time, intelligently and accurately recognizing vocals and instruments to restore the high-range sound lost during compression.



360 Reality Audio

Immerse yourself in sound all around you. As real as if you are at a live performance or with your favourite artist in the recording studio. Music has never been so immersive and so real.



NW-WM1Z M2



Click to navigate

Introduction



Noise Cancellation



Premium Sound



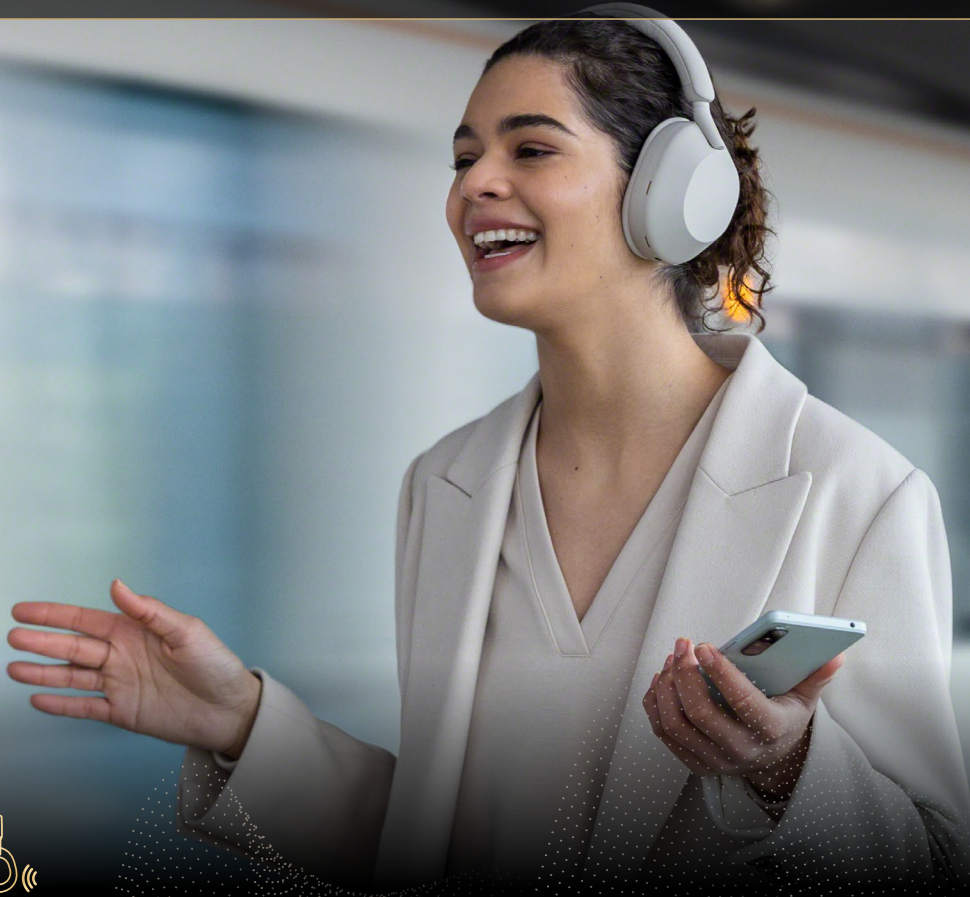
Exceptional Calls



Smart Listening



Design



EXCEPTIONAL CALL QUALITY

Precise Voice Pickup Technology with AI

The WH-1000XM5 separates your voice from environmental noises through four beamforming microphones and an AI-based filter algorithm for always reliable call quality.

Wind Noise Reduction Mode

The surrounding structure of the WH-1000XM5's microphones reduces wind noise from your voice during phone calls and when you're enjoying music with Noise-Cancelling / Ambient Sound mode.



< BACK

NEXT >



Click to navigate

Introduction

Noise Cancellation

Premium Sound

Exceptional Calls

Smart Listening

Design



SMART LISTENING

Smart Listening Technology

Adaptive Sound Control

Intelligently adjusts ambient sound settings according to your movement – for example, commuting or walking – for the ideal listening experience. You may opt to have your headphones recognise frequently visited places, such as your office or gym, and tailor sound levels according to your location.



STAYING

Noise Cancelling



Off

Ambient Sound



Voice



WALKING

Noise Cancelling



Off

Ambient Sound



Normal



TRANSPORT

Noise Cancelling



On

Ambient Sound



Off

Speak-to-Chat

When you're talking with your WH-1000XM5 headphones on, it detects your voice and pauses your music automatically, letting ambient sound in so that you can have a quick conversation without taking your headphones off. By adjusting the amount of sound captured during "Speak to Chat, you can hear your own voice more clearly, making it easier for you to converse.

Wearing Detection

A capacitive proximity sensor behind the earpad improves wearing detection accuracy to auto pause and resume your music when you take off or put on your headphones.



Click to
navigate

Introduction



Noise Cancellation



Premium Sound



Exceptional Calls



Smart Listening



Design

Smart Operation

The WH-1000XM5 is fitted with a suite of smart features that make on-the-go listening and working from home a breeze.



Voice Assistant

With the WH-1000XM5, you can get hands-free help from Alexa, Google Assistant or Siri. Fetch your emails from Microsoft Outlook, join Microsoft Teams meetings and control features such as Noise-Cancelling / Ambient Sound mode with a simple voice command.

Multipoint Connection

The WH-1000XM5 can be paired with two Bluetooth devices at the same time, automatically connecting to the right device when a call comes in. You can also quickly switch your headphones to either of the two devices with a touch of a button.



Quick Access

Configure your WH-1000XM5 to resume Spotify music playback with two or three taps – without having to touch your smartphone.





Click to navigate

Introduction



Noise Cancellation



Premium Sound



Exceptional Calls



Smart Listening



Design

Smart Operation

Safe Listening

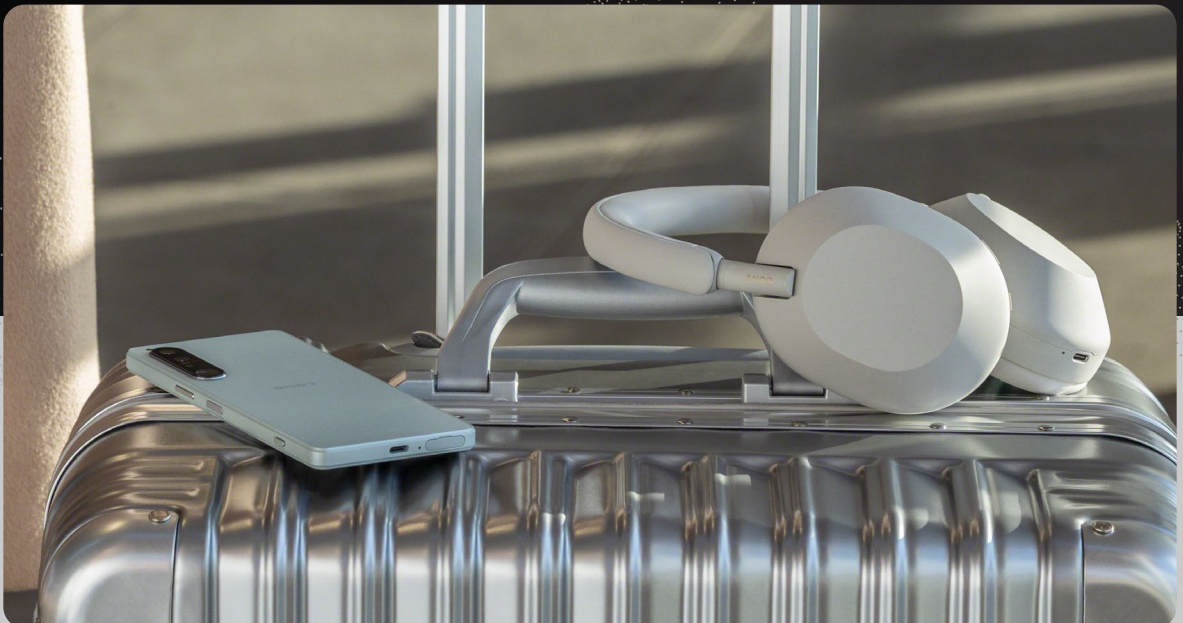
The WH-1000XM5 is equipped with features to reduce the burden on your ears, in line with World Health Organisation (WHO) recommendations. Check the impact that your sound volume has on your hearing by comparing the integrated sound pressure data recorded by your headphones while listening to music within the recommended limits. You will also receive notifications if the way you listen to music is likely to have a negative impact on your hearing.



Headphones Connect

Sony | Headphones Connect App

With the Sony | Headphones Connect app, you can adjust the volume of background sound with Ambient Sound Control and choose the option to let voices be heard. Meanwhile, the Equaliser lets you customise sound levels to suit your music.





Click to navigate

Introduction



Noise Cancellation



Premium Sound



Exceptional Calls



Smart Listening



Design



ADVANCED DESIGN

Designed for Comfort and Silence

1. Fits the shape of your head with less side pressure while keeping you isolated from external noise.
2. Slim and lightweight, yet stable headband that wraps around your head comfortably.
3. Noiseless Design
Noiseless movements thanks to a stepless slider, a seamless swivel and hanger structures. Mechanical rattling is also minimised with silent joints.

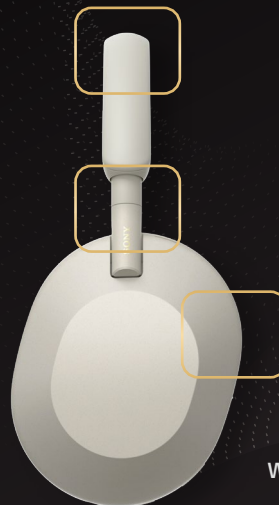


Soft Fit Leather

More stretchable than general synthetic leather, the WH-1000XM5's earpads are fitted with newly developed Soft Fit Leather, which fits snugly around your head with less pressure on your ears while keeping out external sounds.



WH-1000XM4
254g



WH-1000XM5
250g



Click to navigate

Introduction

Noise Cancellation

Premium Sound

Exceptional Calls

Smart Listening

Design

Choose Your Colour

The WH-1000XM5 comes in two colours to suit your style.



Silver



Black

Eco-friendly

As part of our "Road to Zero" environmental plan to be achieved by 2050, the WH-1000XM5 will be packaged in plastic-free Sony Original Blended Material. As for the headphones itself, recycled Acrylonitrile Butadiene Styrene (ABS) plastic from automobile parts is used for its design.



Click to discover Sony's commitment to sustainability

Sony Original Blended Material



Bamboo from China



Sugarcane from Thailand



Post-consumer recycled paper

BACK

NEXT



Click to navigate

Introduction

Noise Cancellation

Premium Sound

Exceptional Calls

Smart Listening

Design

SPECIFICATIONS

Battery Life	NC on - Up to 30H NC off - Up to 40H
Processor	HD Noise Cancelling Processor QN1 x Integrated Processor V1
Driver Unit	30mm
Noise Cancellation	Yes, Industry-Leading Noise Cancellation
Ambient Sound	Yes, Ambient Sound Control, Quick Attention, Speak-to-Chat
Bluetooth®	Version 5.2
Sound Engine	DSEE Extreme
Supported Codec	SBC, AAC, LDAC
Supplied Accessories	Carrying case, Headphone cable, USB Type-C™ Cable



Wireless

Noise Canceling

LDAC

DSEE Extreme



30hr
NC ON

40hr
NC OFF



Ok Google

alexabuilt-in

Headphones Connect



Click to learn more about WH-1000XM5's features and specifications



BACK