

SONY

WH-1000XM3/B

Wireless Industry Leading Noise Canceling Overhead Headphones (WH-1000XM3)

Sony's industry-leading noise cancellation¹ evolves to further immerse you in your music. The addition of Sony's proprietary HD Noise Canceling Processor QN1 masterfully eliminates the noise around you. Listen all day with up to 30 hours of battery life. Quick charging gives five hours of playback with just a 10-minute charge.²



Features

Industry-leading Digital Noise Cancellation

Industry-leading noise cancellation technology¹ means you hear every word, note, and tune with incredible clarity, no matter your environment. Additional microphones also assist in isolating sound while talking on the phone, resulting in improved phone call quality.

Proprietary technology for premium sound

Sony's proprietary HD Noise Canceling Processor QN1 brings the WH-1000XM3 to the pinnacle of noise cancellation. With 32bit audio signal processing and best-in-class signal-to-noise ratio, the WH-1000XM3 headphones dramatically improve the sound quality of whatever you choose to listen to.

Premium sound quality

The 40mm drivers with Liquid Crystal Polymer (LCP) diaphragms are Hi-Res Audio Compatible, reproducing a full range of frequencies up to 40kHz.

Extra-long battery life with quick charging

The 1000XM3 headphones are made to last all day and then some, whether you're focused on your work or flying around the globe. Up to 30 hours of battery life² on a single charge keeps you listening instead of charging. Low on battery? No problem – 10 minutes of charge time gives you an amazing 5 hours of playback.

Smart Listening by SENSE ENGINE™ tailors the sound to you

Smart Listening by Adaptive Sound Control automatically detects your activity, whether you're travelling in an airport, walking on a crowded street, or sitting in a quiet area — balances the noise canceling levels. Atmospheric Pressure Optimizing keeps your music sounding great even when traveling at higher altitudes. You can customize them to your preferences with the Sony | Headphones Connect App.³

Quick Attention Mode

Communicate without taking your headphones off. Place your hand over the right ear cup to turn the volume down and deactivate noise canceling for instant conversation.

Touch Control

Touch Control Change the track, turn the volume up or down, activate your phone's voice assistant, and take or make calls by tapping or swiping the panel with your fingertip.

Wearing comfort

All-day comfort at its best. The WH-1000XM3 features an ergonomic redesign of the headband and earcups for a slimmer, more comfortable profile, while reducing the pressure on the ears and the overall weight of the headphones.

Clear hands-free calling

The WH-1000XM3 has additional microphones to designate different kinds of exterior sounds. This allows for a microphone dedicated to voice input, making phone conversations even more clear than before.

Voice Activation function (Google Assistant)

Activate your phone's voice assistant with a simple touch on the right ear cup. Touch and hold for three seconds to activate.⁴

"Sony | Headphones Connect" App for Android /iOS

Download the Android or iOS app³ to use Smart Listening by Smart Auto-settings, control your ambient sound settings and adjust the sound levels with the Equalizer.

Swivel & folding structure for easy carrying

The earcups are designed to swivel and fold neatly into the carry case along with the cable for easy storage and portability.

SONY

Wireless freedom with Bluetooth® and NFC

Bluetooth® and NFC⁴ pairing make for hassle-free wireless connections to stream high-quality music and phone calls.

Noise cancellation personalized

Unique Personal Optimizing analyzes the sonic characteristics caused by head size, glasses, and hair, then optimizes the sound to you.

Wireless streaming at its best

LDAC transmits approximately three times more data (at the maximum transfer rate of 990 kbps) than conventional Bluetooth® wireless audio, which allows you to enjoy your music in exceptional sound quality – close to Hi-Res Audio.⁵

Specifications

Bluetooth	
Bluetooth® Technology	Version 4.2
Effective Range	Line of sight approx.30ft (10m)
Frequency Range	2.4GHz band(2.4000GHz-2.4835GHz)
Frequency Range(A2DP)	20Hz - 20,000Hz (44.1kHz Sampling) / 20Hz - 40,000Hz (LDAC 96kHz Sampling, 990kbps)
Interface	A2DP, AVRCP, HFP, HSP
NFC	Yes
Power Output	Bluetooth power class 2
Supported Audio Format(s)	SBC, AAC, aptX, aptX HD, LDAC
Supported Content Protection	SCMS-T
General Features(Headphone)	
Cable Length	Headphone cable(approx. 1.2m, OFC strands, gold-plated stereo mini plug)
Driver Unit	40mm, dome type(CCAW Voice coil)
Frequency Response	4Hz-40,000Hz
Headphone Type	Closed, dynamic
Impedance	47 ohm(1kHz)(when connecting via the headphone cable with the unit turned on), 16 ohm(1kHz)(when connecting via the headphone cable with the unit turned off)
Magnet	Neodymium
Plug	Gold-plated L-shaped stereo mini plug
Sensitivity	104.5dB/mW(1kHz)(when connecting via the headphone cable with the unit turned on), 101dB/mW(1kHz)(when connecting via the headphone cable with the unit turned off)
Wearing Style	Circum Aural
Weights (Approx.) *excl.cable erights	Approx. 255g
General Features(Active Headphones)	
Batteries	DC3.7V : Built-in lithium-ion rechargeable battery
Battery Charge Method	USB
Battery Charge Time	Approx. 3 Hours (Full charge)
Battery Indicator (charge indication)	Red LED
Battery Indicator (working indication)	Blue LED, Red LED
Battery Life(continuous communication time)	Max. 24 hours(NC ON), Max. 30 hours(NC OFF)
Battery Life(continuous music playback time)	Max. 30 hours(NC ON), Max. 38 hours(NC OFF)
Battery Life(Waiting Time)	Max. 30 hours(NC ON), Max. 200 hours(NC OFF)
Frequency Response	4Hz-40,000Hz
Input(s)	Stereo Mini Jack
Passive Operation	Yes



Volume Control	Touch Sensor
General Features(Microphone)	
Direction of Microphone	All Direction
Effective Frequency of Microphone	50Hz-8,000Hz
Unit of Microphone	Electret Condenser Microphone
Noise Canceling Features	
AI NC	Yes
Accessories	
Supplied Accessories	Carring Case Plug Adaptor for In-flight Use Connection Cable USB Cable Warranty Card Operating Instructions Reference Guide

1. As of August 30, 2018, according to research by Sony Corporation measured using JEITA-compliant guidelines. In headband-style of wireless noise-canceling headphones market.
2. Actual performance varies based on settings, environmental conditions, and usage.
3. Requires download of Sony | Headphones Connect app for iPhone from the App Store or for Android from Google Play. User must link compatible devices in order to control operation. Subject to app terms and conditions.
4. Voice assist function compatible with Android smartphone (Google App) or iPhone (Siri). Bluetooth® connection required
5. Interoperability and compatibility among Bluetooth® devices vary

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