

SONY

MDR-XB950N1/B

Wireless Noise Cancelling Extra Bass™ Headphones

Hear nothing but the bass with these noise cancelling, Bluetooth®¹ headphones with EXTRA BASS™ that deliver powerful, clear sound, wireless freedom and up to 22 hours of battery life². Find the perfect sound for each song with the Sony Headphones Connect app³, while you enjoy broad frequency response for the ultimate listening experience. Even take hands-free calls with the built-in mic¹. Quiet has never sound so good.



Features

Lose the noise

Put the world on mute. Industry-leading digital noise cancelling cuts out ambient noise and adapts to your environment so you can hear more of the detail in every track. Now it's just you and the music.

Love the bass

EXTRA BASS™ enhances all your low-end frequencies, lifting every track with wave after wave of thundering rhythm. Just touch the button to get started.

High-quality wireless listening¹

Connect easily to your favorite devices via Bluetooth with NFC and enjoy high quality wirelessly streaming with built-in LDAC™ enhanced codec support.¹

Optimize your sound settings²

Set the perfect sound for every song. Sony Headphones Connect app lets you adjust your bass levels and gives you presets for club, hall, arena or outdoor style sound.²

Enjoy broad frequency response

Large, 40 mm driver units deliver broad, dynamic and balanced sound with 20-20,000 Hz frequency response when streaming wirelessly and 3-28,000Hz with the supplied audio cable.

Easily take calls wirelessly¹

Enjoy the convenience of hands-free calling thanks to the integrated microphone and Bluetooth®¹ connectivity. Simply press the phone button on the earpiece to accept incoming calls then press again to terminate the call. Music playback will automatically resume once the call is completed.

Up to 22 hours of battery life²

The built-in rechargeable battery provides up to 22 hours of continuous, wireless music playback.² When your battery runs low, passive mode (using the supplied cable) allows for continued listening.

Soft carrying case included

Bring your headphones with you wherever you go with the convenience of a soft, protective carrying case.

Specifications

Bluetooth	
Bluetooth® Technology	Version 4.1
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)
Interface	A2DP, AVRCP, HFP, HSP
Modulation Method	FHSS
NFC	Yes
Power Output	Bluetooth power class2
Supported Audio Format(s)	SBC, AAC, aptX
Supported Content Protection	SCMS-T
General	

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Color	Black
General Features(Headphone)	
Cable Length	Approx. 1.2 m (supplied headphone cable)
Cable Type	Detachable Single-sided type
Driver Unit	40mm, Dome type
Headphone Type	Closed Dynamic
Plug	L-shaped stereo mini plug (supplied headphone cable)
Sensitivity	96.4dB/mW (at 1kHz)(when connecting via the headphone cable with the unit turned on) 100.8dB/mW (at 1kHz) (when connecting via the headphone cable with the unit turned off)
General Features(Active Headphones)	
Batteries	DC3.65V : Built-in lithium-ion rechargeable battery
Battery Charge Method	USB
Battery Charge Time	Approx. 7 Hours (Full charge)
Battery Indicator (charge indication)	LED (Red)
Battery Indicator (working indication)	LED (Blue / Green / Amber)
Battery Life(continuous communication time)	Max 20Hours (BT : ON / Noise Canceling : ON / BASS EFFECT : OFF)
Battery Life(continuous music playback time)	Max 22Hours (BT : ON / Noise Canceling : ON / BASS EFFECT : OFF)
Battery Life(Waiting Time)	Max 40Hours (BT : ON / Noise Canceling : OFF)
Frequency Response	20Hz-20,000Hz(POWER ON)(Wired)
Impedance	47 ohm (at 1kHz) (when connecting via the headphone cable with the unit turned on) 35 ohm (at 1kHz) (when connecting via the headphone cable with the unit turned off)
Input(s)	USB (Micro), Stereo Mini Jack
Maximum Input	100mW (Wired)
Passive Operation	Yes
Volume Control	Yes
General Features(Microphone)	
Direction of Microphone	Non-directional
Effective Frequency of Microphone	50Hz - 8,000Hz
Unit of Microphone	Electret Condenser Microphone
Accessories	
Supplied Accessories	Carring Pouch Headphone cable (approx. 1.2m, stereo mini plug) USB Cable Quick Start Guide
Weights and Measurements	
Dimensions (Approx.)	Individual Package Dimension: 22.2 x 29 x 7.7 cm (W x H x L)
Weight (Approx.)	0.843 kg

1. Interoperability and compatibility among Bluetooth® devices vary. LDAC supports several transmission rates according to your wireless environment. It allows you to enjoy High-Resolution Audio content in exceptional sound quality near to High Resolution Audio, by transmitting at the maximum transfer rate: 990 kbps (approximately three times more data than conventional Bluetooth® audio).

2. Actual performance varies based on settings, environmental conditions, and usage. Battery life lasts longer when EXTRA BASS is in passive mode.

3. Requires download of Headphones Connect app for iPhone from the App Store or for Android from Google Play. Subject to app terms and conditions.

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