



WHCH710N/B

Wireless Noise Cancelling Headphone

Turn down the world's noise with the long-lasting noise cancellation performance of the WH-CH710N wireless headphones. Dual Noise Sensor technology automatically senses your environment to deliver an amazing sound experience. With up to 35 hours of battery life¹, quick charging, and access to your smartphone's voice assistant², the WH-CH710N are sure to be a must-have for your travels.



Bullets

- Cancel out the world with smart noise cancellation
- Noise cancellation automatically senses your environment with Dual Noise Sensor Technology
- Long-lasting listening with up to 35 hours of battery and quick charging¹
- Smartphone compatibility for hands-free calls and use with your voice assistant²
- Wireless Bluetooth® streaming with NFC™ One-touch³
- Hear more detail with the 30mm Driver Units
- Ultra-comfortable headphones design with adjustable metal sliders
- Next-generation USB Type-C charging

Features

Headphones that cancel out the world

Whether you're taking a long-haul flight or commuting to work, the CH710N noise-canceling headphones automatically collect information about your environment and improves the noise canceling performance accordingly.

Take control of what you hear with Dual Noise Sensor Technology

Dual microphones feeding forwards and backwards mean the WH-CH710N headphones catch more ambient sounds than ever before. So, whether you're trying to block out city traffic or office chatter, you'll be able to get completely lost in whatever you're listening to.

Customize your sound

Switch to Ambient Sound mode to let in important sounds from the world you. You'll be able to listen to your music with incredible sound quality while still hearing sounds like traffic noise, café conversations, and transport announcements.

Listen longer with up to 35-hour battery life and Quick Charging

Keep your music playing all day with a battery that delivers up to 35 hours¹ of power. USB Type-

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C quick charging gives up to 60 mins of play back from 10 minutes of charge.

NFC™ One-touch for instant music

Near Field Communication (NFC™) lets you start streaming your music with just one touch. Simply touch your selected NFC™-enabled device on the on-body N-mark for a quick and easy connection.

Quality streaming via Bluetooth®

No NFC™? No problem. Connect your device manually by turning on the Bluetooth® in your device settings menu.³

Hands-free help from your assistant

A simple button press connects you to your smartphone's voice assistant to get directions, play music, and communicate with contacts².

Clearer hands-free calling

Conversation flows freely with easy, hands-free calling. Leave your phone where it is, just speak.² WH-CH710N delivers clearer voice quality to the other person on the phone.

Never miss a beat with 30mm drivers

The new 30mm drivers achieve a pure, clear sound, even with lightweight and comfortable headphones, ideal for reproducing a range of frequencies, from low beats to high vocals.

All-day comfort with the perfect fit

With an adjustable metal slider, you can make your headphones the perfect size for you, making long listening even more comfortable. Soft, oval-shaped earpads mean you'll never need to take a break from your favorite music, movies and TV shows.

Travel easily with swivel design

The WH-CH710N earcups swivel flat, so whether you're packing a suitcase for travel or a backpack after work, you can transport them safely wherever you go.

Designed with style in mind

The WH-CH710N headphones have a sleek, rounded design that looks as good as they sound.

USB Type-C Charging

The next generation of recharging technology comes to the WH-CH710N wireless headphones with USB Type-C charging.

Specification

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General Features(Headphone)

Headphone Type	Closed, Dynamic
Driver Unit	30mm, Dome
Sensitivity	94dB/mW (at 1kHz)(when connecting via the headphone cable with the unit turned on), 100dB/mW (at 1kHz) (when connecting via the headphone cable with the unit turned off)
Frequency Response	7 Hz - 20,000 Hz (JEITA)
Impedance	72ohm(when connecting via the headphone cable with the unit turned on), 33ohm (at 1kHz) (when connecting via the headphone cable with the unit turned off)
CableLength (m)	Approx. 1.2m (supplied headphone cable)
Cable Type	Detachable Single-sided type
Plug	L-shaped stereo mini plug (supplied headphone cable)
Weights (Approx.) *excl.cable erights	Approx. 223g

General Features(Microphone)

Unit of Microphone	Electret Condenser Microphone
Direction of Microphone	Non-directional

General Features(Active Headphones)

Volume Control	Yes
Batteries	DC3.7V : Built-in lithium-ion rechargeable battery
Quick Charging(10min charge/more than 60min playback time)	Yes
Battery Charge Method	USB
Battery Life(continuous music playback time)	Max 35Hours(BT NC)
Battery Life(continuous communication time)	Max 35Hours(BT NC)
Battery Life(Waiting Time)	Max 200Hours(BT : ON / Noise Canceling : OFF)

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Battery Indicator (charge indication)	LED(Red)
Battery Indicator (working indication)	LED(Blue)
Frequency Response	20Hz-20,000Hz(POWER ON)(Wired)
Input(s)	Stereo Mini Jack
Power Consumption	2.0W
Passive Operation	Yes
Bluetooth	
Bluetooth® Technology	Version5.0
Power Output	Bluetooth power class2
NFC	Yes
Effective Range	Line of sight approx.30ft (10m)
Frequency Range	2.4GHz band(2.4000GHz-2.4835GHz)
Modulation Method	FHSS
Interface	A2DP(Advanced Audio Distribution Profile), AVRCP(Audio Video Remote Control Profile), HFP(Hands-free Profile), HSP(Headset Profile)
Supported Audio Format(s)	AAC, SBC
HD Voice	Yes
Supported Content Protection	SCMS-T
Frequency Range(A2DP)	20Hz - 20,000Hz(44.1kHz Sampling)
Noise Canceling	
Noise Canceling ON/OFF Switch	Yes
dual NC	Yes
Supplied Accessories	
Connection Cable	Yes
USB Cable	Yes
Warranty Card	Yes

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1. Actual performance varies based on settings, environmental conditions, and usage.
2. Voice assist function compatible with Android smartphone (Google App) or iPhone (Siri). Bluetooth connection required.
3. Interoperability and compatibility among Bluetooth® devices may vary.

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