

# SONY

## WH-CH700N/B

### Noise Cancelling Headphones | WH-CH700N

Enjoy your favorite music free of distractions with Wireless Noise Cancelling headphones. Stay on the move with hands-free calling and 35 hours<sup>1</sup> of wireless playback on a single charge, or up to 50 hours of playback with wired listening using the supplied cable. Optimize noise cancellation or connect to your smartphones voice assistant at the push of a button.<sup>2</sup>



#### Features

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##### Digital Noise Cancelling

Block out unwanted noise with Wireless Noise Cancellation.

##### One Push AINC for noise free listening

Press and hold the Noise Cancelling button to activate Artificial Intelligence Noise Cancellation (AINC) and adapt noise cancellation to your environment. Background noise is analyzed and adjusted for optimal performance on airplanes and other noisy environments.

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

Keep your music playing all day. A built-in Li-ion battery delivers up to 35 hours<sup>1</sup> of power and is rechargeable via USB. Quick Charging gives 60 mins of play back from 10 minutes of charge.

##### Wireless streaming with Bluetooth® connection

Wirelessly stream your favorite tracks with a Bluetooth® connection.<sup>4</sup> Pair your smartphone or tablet with these Bluetooth®-enabled headphones. You can even start your music, skip tracks and control volume directly on the headphones, without touching your device or removing it from your pocket or bag.

##### NFC™ One-touch for instant connectivity

Near Field Communication (NFC™) technology makes complex set-up sequences a thing of the past.<sup>4</sup> Simply touch selected NFC™-enabled devices to the on-body N-mark for a quick, seamless connection, then start streaming content via Bluetooth® connection. No NFC™? No problem. You can still manually connect to a Bluetooth® connection using your device's settings menu.

##### Built-in microphone for hands-free calls and voice assistant commands

Take and make phone calls, even with your phone in your pocket or bag. You can also connect to your favorite voice assistant, such as Google Assistant or Siri, by long-pressing the play button on your headphones. With a high-quality built-in microphone, you'll be able to have hands-free conversations on your smartphone with ease.<sup>2</sup>

##### Customize your sound as you like with the "Sony | Headphones Connect" App for Android/iOS

Tune your headphones to your perfect sound with the free Sony | Headphone Connect App for Android and iOS. Adjust audio levels and digital soundfield modes with a range of presets and customizable EQ settings easily from your smartphone. Virtualphones Technology (VPT) simulates outdoor-stage, club, hall, or arena style sound.<sup>3</sup>

##### Use a wired connection to keep music going

When using the supplied cable, you can get up to 50 hours of wired Noise Cancelling performance.

##### Hear it all with 40mm drivers

Hear more of the detail in all your favorite songs thanks to 40mm dome drivers, which deliver dynamic sound from compact, lightweight units.

##### DSEE restores detail to your digital music

Boost the quality of your compressed music files. When an original music source is compressed, it loses the high-frequency elements that add detail and richness to your favorite tracks. The Digital Sound Enhancement Engine (DSEE) faithfully restores these to produce a high-quality sound that's closer to the original recording.

##### Swivel design makes travel easy

Take these headphones anywhere you go. The ear cups swivel flat for easy packing in a suitcase or slipping into a bag.

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## Specifications

<b>Bluetooth</b>	
Bluetooth® Technology	Version4.1
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(Advanced Audio Distribution Profile), AVRCP(Audio Video Remote Control Profile), HFP(Hands-free Profile), HSP(Headset Profile)
Modulation Method	FHSS
NFC	Yes
Power Output	Bluetooth power class2
Supported Audio Format(s)	SBC,AAC,aptX, aptX HD
Supported Content Protection	SCMS-T
<b>General Features(Headphone)</b>	
CableLength	Approx. 1.2m (supplied headphone cable)
Cable Type	Detachable Single-sided type
Driver Unit	40mm, Dome
Frequency Response	7Hz-20,000Hz
Headphone Type	Closed, Dynamic
Impedance	22ohm(when connecting via the headphone cable with the unit turned on), 48ohm (at 1kHz) (when connecting via the headphone cable with the unit turned off)
Plug	L-shaped stereo mini plug (supplied headphone cable)
Sensitivity	97dB/mW (at 1kHz)(when connecting via the headphone cable with the unit turned on), 98dB/mW (at 1kHz) (when connecting via the headphone cable with the unit turned off)
Weights (Approx.) *excl.cable erights	240 g
<b>General Features(Active Headphones)</b>	
Volume Control	Yes
<b>General Features(Microphone)</b>	
Direction of Microphone	Non-directional
Effective Frequency of Microphone	50Hz-8,000Hz
Unit of Microphone	Electret Condenser Microphone
<b>General</b>	
Impedance	22ohm(when connecting via the headphone cable with the unit turned on), 48ohm (at 1kHz) (when connecting via the headphone cable with the unit turned off)
Frequency Response	7Hz-20,000Hz(POWER ON)(Wired)
<b>Colors</b>	
Color	Black
<b>Noise Canceling Features</b>	
AI NC	Yes
Noise Canceling ON/OFF Switch	Yes
<b>Operating Instructions</b>	
Operating Instructions(Language) : Eng	Yes
Operating Instructions(Language) : Esp	Yes
Operating Instructions(Language) : Frn	Yes
<b>Power</b>	
Battery Charging (Approx)	Approx. 7 Hours (Full charge) Battery Charge Method: USB

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Battery Indicator	Battery Indicator (charge indication): LED (Red) Battery Indicator (working indication): LED (Blue / Green )
Battery Life (Approx)	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)
Battery Type	DC3.65V : Built-in lithium-ion rechargeable battery
Input Power	Maximum Input: 100mW(Wired)
Accessories	
Supplied Accessories	Connection Cable USB Cable

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. 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. Interoperability and compatibility among Bluetooth® devices may vary.

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Updated: March 15, 2018