

WFC510/W

WF-C510 Truly Wireless Earbuds | White

Let your music live longer. Colorful and compact, these Bluetooth earbuds are equipped with features designed for excellent sound quality, anytime and anywhere.¹ Choose your style for sound that matches your style with up to 11 hours of battery life and a comfortable fit.²



Bullets

- Compact and lightweight for comfort all day long.
- Up to 11 hours of battery life, with up to another 11 hours in the charging case.²
- Multipoint Connection lets you pair to two Bluetooth® devices simultaneously.¹
- Stay present with Ambient Sound Mode.
- Great sound quality and a range of customizable EQ presets.
- Superior sound quality.
- Easy button operation.
- Charging cable sold separately.

Features

Compact. Lightweight. Comfortable.

Light and compact to give you all-day comfort and designed for the ideal fit, for an exceptional all-round listening experience.

Let your music live longer

Enjoy your music longer with a full earbud charge that lasts up to 11 hours with up to another 11 hrs in the case. Need a top up? 5 minute quick charge allows you to enjoy up to 1 hour of extra playback.²

A range of colors, whatever your style

Looking for both style and comfort? The WF-C510 are designed to offer both, and with a choice of blue, yellow, black or white on offer, you can find the color that suits you best.

Everyday convenience

The WF-C510 are ideal for everyday use, and some equipped with multipoint Connection,¹ Ambient Sound Mode and EQ customization, for a richer listening experience.

Small size, great sound

Reproduce your music with authentic vocals and powerful bass, thanks to the WF-C510's Digital Sound Enhancement Engine (DSEE™) and our unique sound tuning.

You've found your fit

The WF-C510 earbuds are optimized to perfectly match the human ear. Combining the ear shape data, we've been collecting since our first in-ear earbuds were introduced in 1982 with an analysis of various types of ears, we've developed an ideal shape that's comfortable for all.

Pocket-sized for your convenience

Small and cylindrical, the charging case is made to fit in your pocket or your bag. Its luxurious, tactile pattern is also pleasing to look at when it's not packed away.

Seamless switch your sound

Multipoint Connection allows the WF-C510 earbuds to be paired with two Bluetooth® devices simultaneously.¹ So, if you're listening to music on one device, and a call comes in on another, your music is automatically paused and the call is switched from the other device. Your music then automatically resumes once the call is complete.

Hear what matters with Ambient Sound Mode

Ambient Sound Mode keeps you aware of your surroundings. It captures and filters ambient sound when activated. The WF-C510 earbuds also include Voice Focus, which allows you to hear human voices while suppressing noise.

Your sound, just how you like it

Tailor sound to match your personal preference. Choose from a variety of presets to match the sound character with the genre of music you're listening to. Or create and save your own presets using the EQ Custom feature on the Sony | Headphones Connect app.¹⁰

Superior sound quality

Vocals are natural and clear across low and high frequencies, thanks to well-balanced sound tuning. You'll enjoy great sound quality, whatever genre of music you're listening to.

Make your music more natural

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

Certified earbuds for a personalized experience

With 360 Reality Audio certified earbuds and the Sony | Headphones Connect app,¹⁰ optimize your experience by analyzing your individual ear shape, and enjoy the ultimate immersive music experience.

A personal cinematic experience when paired with BRAVIA TVs

Enjoy a thrilling Dolby Atmos® experience and 360 Spatial Sound that adapts to your ears when paired with a BRAVIA TV and these headphones.³

360 Spatial Sound Personalizer

With the Sony | 360 Spatial Sound Personalizer⁴ app, you'll enjoy a sound experience that's optimized for you. The app captures and analyses your ear shape, allowing these earbuds to create your own personal spatial sound field when paired with BRAVIA TVs.³

Make everyday listening easy

The WF-C510 earbuds are designed for easy operation in everyday life, with Quick Access and other smart features offering seamless multi-purpose use.

Easy button operation

The buttons on the WF-C510 earbuds not only let you play, stop, skip through tracks and adjust the volume – they also offer an easy way to access your smartphone's voice assistant and receive calls hands-free.

Quick Access

With 'Quick Access' you can easily operate the Spotify Tap⁵ allowing you to get the tune playing in just a few simple taps – no need to touch your smartphone. You can simply enjoy your music in an effortless way.

Easier, clearer hands-free calling

Conversation flows freely with easy hands-free calling, now clearer than ever with a high-quality built-in microphone. You won't even have to take your phone out of your pocket.

Multipurpose use, more convenience

Whether you are listening to music, in an online class or working from home, the WF-C510 earbuds will deliver high-quality sound performance.

Splashes and sweat, no problem

With an IPX4⁶ water resistance rating, splashes and sweat won't stop these headphones – so you can keep on moving to the music.

Voice control

Press the button to get help from Google or Siri to get things done without stopping what you're doing – like playing your favorite songs, texting and calling, getting quick answers, and managing your calendar and reminders.

Stable, reliable Bluetooth® connectivity¹

A Bluetooth® chip, which transmits sound to left and right ears simultaneously, coupled with optimized antenna design, ensures a stable connection and outstanding listening.¹ Low audio latency makes for enjoyable viewing too.

Find your earbuds with Fast Pair

In one tap, the WF-C510 earbuds enable quick, effortless Bluetooth® pairing with your Android™ devices.⁷ You can even check to see where you last placed it.

Easy pairing with your computer

Swift Pair makes it quick and easy to pair your earbuds with your Windows 11 or Windows 10 laptop, desktop PC or tablet. Pop-up pairing guidance appears on nearby Windows 11 or Windows 10 devices when pairing mode is selected.

One earbud, ideal for multitasking

If you want to listen to your music while still being able to have a conversation, remove one earbud only from the charging case and use as normal.⁸

Road to zero

Aiming to achieve a zero environmental footprint. Inspired by the beauty of the world, Sony is doing its part to help preserve the Earth, while still allowing creators to produce even more beautiful and creative imagery. With a goal of achieving a zero environmental footprint across the entire Sony Group by the year 2050, we are accelerating numerous green initiatives.

Sustainability in mind

Our products are not only designed to be stylish but also with the environment in mind. Recycled plastic is used in the WF-C510 earbuds, and no plastic is included in the individual packaging.⁹ These reflect Sony's commitment to reducing the environmental impact of our products and practices.

Compact and light design for a comfortable fit

Small, light, and a great fit, the WF-C510 are our most compact ever closed-type truly wireless earbuds¹¹. Enjoy superb comfort and an even better fit, thanks to their rounded shape and reduced surface area.

Specification

General Features	
Headphone Type	Closed
Driver Unit	6 mm
Wearing Style	Yes (IPX4)
Frequency Response (Bluetooth® Communication)	20 Hz - 20,000 Hz (44.1 kHz sampling)
General Features (Active Headphones)	Yes
DSEE	Yes
Ambient Sound Mode	Yes
Charging Case	
Weight	Approx. 31 g
Battery	
Battery Charge Method	USB Charge (with case)
General Features (Active Headphones)	Max. 8 hrs (ASM ON) / Max. 11 hrs (ASM OFF)
Battery Life (Continuous Communication Time)	Max. 5 hrs (ASM ON) / Max. 5 hrs (ASM OFF)
Size & Weight	
Weight	Approx. 4.6 g x 2 (including earbuds tips(M))
Bluetooth® Specification	
Bluetooth® Version	Bluetooth® Specification Version 5.3

Effective Range	10m
Frequency Range	2.4 GHz band (2.400 0 GHz - 2.483 5 GHz)
Profile	A2DP, AVRCP, HFP, HSP
Supported Audio Format(s)	SBC, AAC
Supported Content Protection	SCMS-T
What's in the Box	
Charging Cable	No
Wireless Earbuds	Yes
Hybrid Silicone Earbud Tips	Yes
Charging Case	Yes

1. Interoperability and compatibility among Bluetooth® devices vary.
2. Actual performance varies based on settings, environmental conditions, storage, and usage. Batteries are consumable products, and their capacity degrades over time as they age. Sony does not guarantee the life span of the battery. 1x charging with charging case is needed. 11H (earbuds) + 11H (charging case), total 22H when using Bluetooth®. Battery life is up to 22 hours with charging case when Ambient Sound Mode, DSEE™ and EQ Custom is turned off. Please note, usage hours may be shorter depending on conditions of use.
3. Firmware update available and is required to enjoy 360 Spatial Sound on BRAVIA TV. A network connection is required for the firmware update on the BRAVIA TV. Learn more about supported models: https://www.sony.net/hav_faq
4. Sony | 360 Spatial Sound Personalizer is an app that personalizes your sound experience when connected to a BRAVIA TV.
5. Install the Spotify app and set up with Sony | Headphones Connect app. Spotify service may not be available in some countries/regions. Spotify and all other trademarks related to the Spotify brand are the sole property of Spotify AB.
6. Protection assured against water splashes from any angle, excluding the sound tube (sound outlet) of the headphones. The charging case is not water resistant.
7. Android phones running Marshmallow and above/6.0+ are required.
8. Depending on how the earbuds are used, the remaining battery life of the left and right earbuds may differ. Additionally, the available operations may vary depending on the ear the headset is worn on.
9. Coating and adhesive materials excluded. This varies by region.
10. Download app at Google Play and the App Store. Network services, content, and operating system and software subject to terms and conditions and may be changed, interrupted or discontinued at any time and may require fees, registration and credit card information.
11. Smallest size (volume) in Sony's closed-type wireless earbuds as of 08/27/24.

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