



SENNHEISER

CX Plus SE  
True Wireless  
Superior sound.  
No compromise.



Sennheiser  
signature sound



Active noise  
cancellation



Customizable  
touch control



Splash  
resistant



## SPEC SHEET

# CX Plus SE True Wireless

## Technical Data

Model name	CXPLUSTW1 SE
EAN	4044155258943
UPC	615104359277
Article no.	509247

### General data

Wearing style	True wireless stereo earphones
Ear coupling	Ear canal
Connectivity	Bluetooth 5.2 compliant, class 1, 10 mW (max)
Supported profiles	A2DP, AVRCP, HFP
Supported codecs	SBC, AAC, aptX™, aptX adaptive™
Speaker principle	Dynamic
Speaker size	7 mm diameter
Speaker frequency range	5 Hz – 21 kHz
Speaker sensitivity	114 dB SPL (1 kHz / 0 dBFS)
Speaker THD	<0.08% (1 kHz / 94 dB)
Speaker impedance	Not applicable (active BT headphones)
Active Noise Cancellation	Single mic ANC per earbud
Mic principle	MEMS
Mic frequency range	100 Hz – 10 kHz
Mic pick-up pattern	2 mic beamforming per earbud
Battery lifespan	Up to 8 hrs music playtime with earbuds; Up to 24 hrs overall music playtime with charging case (test condition: iPhone, mid volume level, ANC/TH off)
Charging time	Approx. 1.5 hrs for fully charged; After 10 min charging 1 hrs music playtime
Battery type	Built-in Lithium rechargeable batteries, 3.7 V left/right earbud: 55 mAh, charging case: 400-420 mAh
Power supply	5 V <sup>==</sup> , 600 mA max, USB charging via USB-C socket at charging case

When True Wireless sound exceeds every expectation, you're listening to the CX Plus SE True Wireless from Sennheiser. They deliver a thrilling, high-quality sound experience with Active Noise Cancellation, effortless smart interaction and a sleek design for supremely comfortable all-day enjoyment.

### Superior sound

- **Sennheiser Superior Sound:** Powered by Sennheiser's TrueResponse transducer for high fidelity sound
- **Active Noise Cancellation & Transparency Mode:** Block out noise or gain awareness of external sounds at a touch in any environment
- **Built-in Equalizer and Bass Boost:** Adjust the Equalizer and Bass Boost levels for a tailored sound and audio experience

### Designed for full day wearing

- **IPX4:** Splash resistance for trouble-free use while travelling, commuting or exercising
- **Compact, Ergonomic Design:** With 4 ear adapter sizes to ensure optimal comfort and a secure fit for anyone
- **Battery Life:** Up to 8 hours and 24 hours of play back time with on the go charging via the case

### A smarter user experience

- **Customizable Touch Controls:** Personalize touch controls for music, calls and voice assistant to match individual preference for intuitive operation
- **Independent Earbud Use:** Convenient feature enables the left and right earbuds to be used individually or as a pair
- **Noise Reduced Microphones:** Crystal-clear voice pickup by dual beamforming mics on each earbud to ensure speech optimized calls and voice assistant access (Siri and Google Assistant)
- **Smart Pause:** The earbuds pause and resume playback automatically when taken out or replaced in the ear
- **Connections Management:** Bluetooth connections can be easily managed via the Sennheiser Smart Control app

### Packaging

Content of delivery	CX Plus SE True Wireless earbuds Charging case USB-C charging cable Silicone ear adapter sets (XS/S/M/L)	
Product weight	47 g (both earbuds and charging case) 6 g (single earbud) 35 g (charging case)	
Product dimension (L x W x H)	Earbuds and charging case: 59 x 33.8 x 42.3 mm (2.3 x 1.3 x 1.6 in)	
Packaging type	Hard box	
Language on packaging	English, German, French, Spanish, Simplified Chinese, Japanese	
Dimensions product packaging (L x W x H)	170 x 115 x 47 mm (6.7 x 4.5 x 1.85 in)	
Weight of headset and packaging (incl. accessories)	202 g (7.12 oz)	
Dimensions of outer master carton (L x W x H)	279 x 245 x 200 mm (11 x 9.6 x 7.87 in)	
Number of products per outer master carton	12	
Total weight of outer master carton & products	2900 g (6.4 lbs)	
WEEE packaging information		
Material of single package (incl. weight)	Paper / Cardboard: 140 g (4.9 oz)	Plastic: 2.8 g (0.09 oz)
Material of outer master carton (incl. weight)	Paper / Cardboard: 448 g (15.8 oz)	Plastic: 29 g (1 oz)
WEEE Weight (Net weight)	60 g (2.11 oz)	