



SENNHEISER

# MOMENTUM True Wireless 3

Inspired by Music.



Sennheiser  
signature sound



Adaptive noise  
cancellation



High quality  
voice pick-up



Wireless  
charging



IPX4  
splash resistant





With best-in-class audio, next generation Adaptive Noise Cancellation and the ultimate personalized fit, the MOMENTUM True Wireless 3 transforms every listen into a superior sound experience:

#### SUPERIOR SOUND EXPERIENCE

- **Sennheiser signature sound:** powered by Sennheiser TrueResponse transducer and thanks to high resolution aptX™ Adaptive you can hear every detail.
- **Built-in equalizer:** tailor the sound experience with audio presets and an intuitive equalizer.
- **Sound personalization:** an enhanced sound experience tailored to your hearing via a guided listening test.

#### CONTROL THE ENVIRONMENT

- **Adaptive noise cancellation:** monitors noise level in your surroundings to optimize noise cancellation performance.
- **Transparency mode:** allows you to hear surrounding sounds at a touch for greater situational awareness.

#### EFFORTLESSLY SMART AND CONNECTED

- **High quality voice pick-up:** crystal-clear calls thanks to three advanced microphones on each earbud.
- **Wireless charging:** recharge the case with convenient Qi wireless charging.
- **Splash resistance:** trouble-free use while travelling, commuting or exercising, thanks to IPX4 splash resistance.
- **Battery life:** up to 7 hours' play back time with 28 hours overall when charging on the go via the case.
- **Independent earbud use:** either left or right earbud can be used individually when desired.
- **Customizable touch controls:** to fit to personal preference for truly intuitive operation.

#### EXCEPTIONAL DESIGN AND EXTRAORDINARY COMFORT

- **Ultimate individual and secure fit:** Sennheiser's most compact ergonomic earbuds offer a choice of earbud adapters and silicone fins to ensure a fit that's tailored to you.
- **Sleek futuristic design:** available in three colors, epitomizes the combination of immaculate style and fine craftsmanship that is the signature of the MOMENTUM range.

#### SPEC SHEET

## MOMENTUM True Wireless 3



### Technical Data

Model name	MTW3 Black	MTW3 Graphite	MTW3 White
EAN	4260752330787	4260752331029	4260752330800
UPC	810091270783	810091271025	810091270806
Article no.	509180	700074	509181

#### General Data

Wearing style	True wireless stereo earphones
Ear coupling	Ear canal
Connectivity	Bluetooth 5.2 compliant, class 1, 10 mW (max)
Transmission freq/modulation	2,402 MHz to 2,480 MHz; GFSK, $\pi/4$ DQPSK / 8DPSK
Supported profiles	A2DP, AVRCP, HFP
Supported codecs	SBC, AAC, aptX™, aptX adaptive™
Speaker principle	Dynamic
Speaker type/size	TrueResponse™ dynamic, 7 mm diameter
Speaker frequency range	5 Hz to 21 kHz
Speaker sensitivity	107 dB SPL (1 kHz / 1 mW)
Speaker THD	<0,08% (1kHz / 94dB)
Active Noise Cancellation	Hybrid Adaptive ANC
Mic principle	MEMS
Mic frequency range	100 Hz to 10 kHz
Mic pick-up pattern	3 mics per earbud, beamforming for noise reduction
Battery lifespan	Up to 7 hrs music playtime with earbuds (ANC off); Up to 6.5 hrs music playtime with earbuds (ANC on); Up to 28 hrs overall music playtime with charging case (test condition: iPhone, mid volume level 85dB)
Charging time	Approx. 1.5 hrs for fully charged; After 10 min charging 1 hr music playtime
Battery type	Built-in Lithium-Ion rechargeable batteries; left/right earbud: 77 mAh, charging case: 850-950 mAh
Power supply	5 V <sup>---</sup> , 1000 mA max, USB charging via USB-C socket at charging case; Qi Wireless charging
Weather resistance	IPX4, splash resistant (earbuds only)
Magnetic strength field	Earbuds: 0.75 mT, charging case: 162 mT



## SPEC SHEET

# MOMENTUM True Wireless 3



## Product Specification

Product weight	78 g (both earbuds and charging case) 5.8 g (single earbud) 66.4 g (charging case)
Product dimension	70,1 x 44,6 x 34.8 mm (earbuds and charging case)
Operating condition	Operating Temp: 0 to +45°C, Charging Temp: 5 to +35°C; Rel. humidity 10 to 80%, non-condensing
Storage condition	Temp: -25 to +70°C; Rel. humidity 10 to 90%
App support	Sennheiser Smart Control app for iOS™ and Android™
Country of origin	Designed by Sennheiser in Germany, Made in China
Custom tariff code	851762 (BT headsets)
HAZMAT UN #	UN 3481

## Packaging

Content of delivery	Pair of earbuds Ear adapter sets (XS/S/M/L) Ear fin sets (S/M/L) Charging case & USB-C cable Quick guide & safety guide
Packaging type	Hard box
Language on packaging	English, German, French, Spanish, Simplified Chinese, Japanese
Dimensions product packaging (L x B x H)	170 x 125 x 43 mm (6.7 x 4.9 x 1.7 in)
Weight of headset and packaging (incl. accessories)	322 g (11.3 oz)
Dimensions of outer master carton (L x B x H)	351 x 333 x 198 mm (13.8 x 13.1 x 7.8 in)
Number of products per outer master carton	12
Total weight of outer master carton & products	4694 g (13.3 lbs)

## WEEE packaging information

Material of single package (incl. weight)	Paper / Cardboard: 218.1 g (7.6 oz) Plastic: 0 g
Material of outer master carton (incl. weight)	Paper / Cardboard: 810 g (28.5 oz) Plastic: 0 g
WEEE Weight (Net weight)	91.8 g (3.2 oz)

Battery Information	Charging Case	Right Earbud	Left Earbud	Unit
Lithium-Ion cells	1 (single)	1 (single)	1 (single)	
Qty (# of batteries for this type) inside product	1	1	1	
Qty (# of batteries for this type) outside product	0	0	0	
Vendor	Highpower	Varta	Varta	
MPN	14500-850 BG016PC	CP 1254 _A4	CP 1254 _A4	
Capacity	850	77	77	mAh
Size/Format	Diameter: 14.8 Length: 53.3	Diameter: 12.1 Height: 5.6	Diameter: 12.1 Height: 5.6	mm
Voltage	3.7	3.7	3.7	V
Weight	25	1.8	1.8	g
Energy	3.15	0.285	0.285	Wh
Lithium content (primary)		n/a (secondary)	n/a (secondary)	%