



SENNHEISER

# MOMENTUM 4 Wireless

Inspired by Music.



Sennheiser  
signature sound



Customizable  
sound



Adaptive noise  
cancellation



Crystal-clear  
calls



Smart pause &  
auto on/off



## SPEC SHEET

# MOMENTUM 4 Wireless

Acclaimed for a perfect balance of audio excellence and luxurious, premium design and comfort, Sennheiser's MOMENTUM range has continued to redefine the standard for sophisticated listening:

### SUPERIOR SOUND EXPERIENCE

- **Sennheiser Signature Sound** – Powered by Sennheiser's audiophile-inspired 42mm transducer system for exceptional high-fidelity sound.
- **Customizable Sound** – Listen your way with built-in EQ, presets, sound modes, and Sound Personalization feature, which tailors the audio to your individual hearing – all accessible via the Sennheiser Smart Control App.
- **Adaptive Noise Cancellation and Transparency Mode** – Advanced noise cancellation automatically adapts your sound to your surroundings. Transparency Mode lets you hear external sounds without removing your headphones.
- **Crystal-clear Calls** – Four digital beamforming microphones ensure high quality voice pick-up and automatic wind noise suppression for optimized calls and easier voice assistant access.
- **Codec Support** – Support for SBC, AAC, and aptX Adaptive ensures the highest quality option is automatically selected for your device.

### ULTIMATE COMFORT AND EXCEPTIONAL DESIGN

- **Premium Comfort** – Lightweight design features a padded headband and deep cushioned earpads to ensure exceptional and long-lasting wearing comfort.
- **Flat folding design with case** – The flat folding design and premium hard case with soft fabric cover makes the storage and transportation safe, easy and space saving.
- **Elevated and Streamlined Design** – Premium fabric details elevate the discrete design to complement your style. The light weight, fold-flat design and ultra slim case makes it easy to take anywhere.

### SMART CONVENIENCE

- **Top-Tier Battery Life** – Enjoy an outstanding 60 hours play back time with fast charging.
- **Auto On/Off** – Powers up when simply picking up the headphone and automatically powers down after 15 minutes not in use.
- **Smart Pause** – Automatically pauses and resumes playback a when the headset is taken off or placed back on the ears.
- **Intuitive Touch Controls** – Touch interface on the right earcup for music, ANC, calls and voice assistant ensures effortless ease-of-use.



## Technical Data

Model name	Order name	Article no.	EAN	UPC
MOMENTUM 4 <i>Black</i>	M4AEBT <i>Black</i>	509266	4260752330435	810091270431
MOMENTUM 4 <i>White</i>	M4AEBT <i>White</i>	509267	4260752330459	810091270455
MOMENTUM 4 <i>Copper</i>	M4AEBT <i>SE</i>	700382	4260752332552	810091272619
MOMENTUM 4 <i>Graphite</i>	M4AEBT <i>Graphite</i>	700383	4260752332569	810091272626
MOMENTUM 4 <i>Pride</i>	M4AEBT <i>Pride</i>	700384	4260752332576	810091272633
MOMENTUM 4 <i>Copper</i>	M4AEBT <i>JD</i>	700385	4260752332583	810091272640
MOMENTUM 4 <i>Denim</i>	M4AEBT <i>Denim</i>	700386	4260752332590	810091272657

### Product specification

Wearing style	Headband stereo headphones	Active Noise Cancellation	Hybrid Adaptive ANC
Ear coupling	Around-the-ear, circum-aural	Mic principle	MEMS
Connectivity	Bluetooth 5.2 compliant, class 1, 10 mW (max)	Mic frequency range	50 Hz to 10 kHz
Transmission freq/modulation	2,402 MHz to 2,480 MHz; GFSK, $\pi/4$ DQPSK / 8 DPSK	Mic pick-up pattern	2 mics per side, beamforming for noise reduction
Supported profiles	A2DP, AVRCP, HFP	Battery lifespan	Up to 60 hrs music playtime via Bluetooth and with ANC (test condition: iPhone, mid volume level)
Supported codecs	SBC, AAC, aptX™, aptX adaptive™	Charging time	Approx. 2 hrs for full charge; 5 min charging for up to 4 hrs playtime; Remark: Ambient temperatures >30°C may lead to extended charging times
Speaker principle	Dynamic	Battery type	Built-in Lithium-Ion rechargeable batteries 700 mAh
Speaker type/size	42mm diameter	Power supply	5 V <sup>DC</sup> , 800 mA max, USB charging via USB-C socket
Speaker frequency range	6 Hz to 22 kHz		
Speaker sensitivity	106 dB SPL (1 kHz / 0 dB FS)		
Speaker THD	<0,3% (1 kHz / 100 dB SPL)		
Speaker impedance	Active 470 ohms / Passive 60 ohms		



SPEC SHEET

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**Product specification** (continued)

Magnetic strength field	6.25 mT
Product weight	Ca. 293 g (10.3 oz)
Product dimension (folded flat)	180 x 195 x 46.3 mm (7 x 7.67 x 1.82 in)
Operating condition	Operating temp: 0 to +40°C, Charging temp: 10 to +40°C, Rel. humidity 10 to 80%, non-condensing
Storage condition	Temp: -20 to +60°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

Battery Information	Headphone
Lithium-Ion cells	1 (single)
Qty (# of batteries for this type) inside product	1
Qty (# of batteries for this type) outside product	0
Vendor	Synergy
MPN	AHB413645PCT
Capacity	700 mAh
Size/Format	Width: 36.0 mm Height: 48.5 mm Depth: 4.7 mm
Voltage	3.7 V
Weight	14.5 g
Energy	2.7 Wh
Lithium content (primary)	0.219 g

**Packaging specification**

Content of delivery	MOMENTUM 4 headphone Carry case USB-C charging cable Audio cable 3.5mm and 2.5mm jacks Airplane adapter
Packaging type	Hard box
Language on packaging	English, German, French, Spanish, Simplified Chinese, Japanese
Dimensions product packaging (L x B x H)	225 x 210 x 63 mm (8.85 x 8.26 x 2.48 in)
Weight of headset and packaging (incl. accessories)	915 g (2 lbs)
Dimensions of outer master carton (L x B x H)	445 x 360 x 255 mm (17.5 x 14.1 x 10 in)
Number of products per outer master carton	10
Total weight of outer master carton & products	17401 g (38.36 lbs)

**WEEE packaging information**

Material of single package (incl. weight)	Paper / Cardboard: 250 g (8.8 oz) Plastic: 2 g (0.07 oz)
Material of outer master carton (incl. weight)	Paper / Cardboard: 804 g (1.77 lbs) Plastic: 8 g (0.28 oz)
WEEE Weight (Net weight)	340.5 g (12 oz)