



SENNHEISER

MOMENTUM Sport

Hear more than music.



Sennheiser
sport sound



Adaptive ANC



Secure fit



Heart rate &
body temperature
tracking



Connects with
fitness apps
& devices



MOMENTUM Sport is the ultimate gear for every step of your training journey. Enjoy a new class of sports earbuds, which provide unrivaled Sennheiser sound with secure fit, adaptive ANC, and advanced performance tracking sensors like heart rate and body temperature measurement that let you optimize your training.

KEY FEATURES

- **Unrivaled Sennheiser Sound:** Energize your performance with high-quality MOMENTUM Sport Sound with more impactful bass.
- **Adaptive ANC:** Stay in the zone without distractions even in noisy gyms or busy outdoor spaces.
- **Integrated performance tracking sensors:** Accurately measure your heart rate and Body Temperature (BT) from precise in-ear sensors.
- **Sport's ecosystem connectivity:** Compatible via Bluetooth with leading sports watches, apps, and fitness equipment.
- **Semi-open design for greater comfort:** Acoustic relief channel allows airflow to improve wearing comfort, reduce body-borne noise and improve natural awareness.
- **Powered by POLAR:** Full Polar integration plus free access to Polar Flow for seamless tracking of your key metrics.
- **Secure, multi-sports fit:** Interchangeable ear fins and ear tips allow for a secure custom fit with lasting comfort over long-wearing sessions.

SPEC SHEET

MOMENTUM Sport

Hear more than music.



Technical Data

Order name	MSPORT1 <i>Black</i>	MSPORT1 <i>Olive</i>	MSPORT1 <i>Graphite</i>
EAN	4260752331753	4260752331777	4260752331760
UPC	810091271803	810091271827	810091271810
Article no.	700304	700306	700305

General Data

Wearing style	True wireless stereo earphones
Ear coupling	Ear canal
Connectivity	Bluetooth 5.2 compliant, class 1, 16mW (max), RF Range 40m – line of sight
Transmission frequency/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, 10mm diameter
Speaker frequency range	15 Hz to 18 kHz
Speaker sensitivity	110 dB SPL (1 kHz / 0 dBFS)
Speaker THD	<0.25% (1 kHz / 94 dB)
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 5.5 hrs music playtime with earbuds; Up to 24 hrs overall music playtime with charging case (test condition: iPhone, mid volume level 85 dB)
Charging time	Approx. 1.5 hrs for fully charged; After 10 min charging 45mins music playtime Remark: Ambient temperatures >30°C and Qi wireless charging leads to extended charging times
Battery type	Built-in Lithium-Ion rechargeable batteries; Left/right earbud: 72 (MC1254) / 75 mAh(CL1254); Charging case: 850-950 mAh
Power supply	5 V ^{DC} , 1000 mA max; USB charging via USB-C socket at charging case; Qi Wireless charging
Magnetic strength field	Earbuds: 1.86 mT; Charging case: 250 mT
Weather resistance	Earbuds: IP55; Charging case: IP54



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Product Specification

Product weight	91.0 g (both earbuds and charging case) 6.4 g (single earbud N ear fin and M ear tip) 78.4 g (charging case)
Product dimension	67.7 x 64.8 x 30.0 mm (charging case) 23.3 x 20.9 x 26.1 mm (earbuds)
Operating condition	Operating temp: 0 to +45°C, Charging temp: 5 to +35°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
Heart rate measuring range	30 ~ 220 bpm by PPG sensor
Body temperature	Range: 35.5 - 42.0 °C. Accuracy: +/-0.3 °C
Sensors	Heart rate, Body temperature, 3-axis accelerometer, in-ear sensor (IR)

Packaging

Content of delivery	MOMENTUM Sport earbuds Charging case USB-C charging cable Silicone ear tip sets (in size S/M/L) Silicone ear fin sets (in size N/S/M/L) Finger lanyard
Packaging type	Hard box
Language on packaging	English, German, French
Dimensions product packaging (L x B x H)	135 x 96 x 42 mm
Weight of headset and packaging (incl. accessories)	196.5 g
Dimensions of outer master carton (L x B x H)	438 x 210 x 257 mm
Number of products per outer master carton	40
Total weight of outer master carton & products	8448 g

WEEE packaging information

Material of single package (incl. weight)	Paper / Cardboard: 59.2 g	Plastic: 0 g
Material of outer master carton (incl. weight)	Paper / Cardboard: 551 g	Plastic: 0 g
WEEE Weight (Net weight)	90.5 g	

Battery Information

	Charging Case (1st source)	Charging Case (2nd source)	Earbud (1st source)	Earbud (2nd source)	Unit
Lithium-Ion cells	1 (single)	1 (single)	1 (single)	1 (single)	
Qty (# of batteries for this type) inside product	1	1	1	1	
Qty (# of batteries for this type) outside product	0	0	0	0	
Vendor	Pytes	Highpower	MBT	Synergy	
MPN	DA01069	14500-850 BG016PC	MC1254S	CL1254H1	
Capacity (nominal)	950	850	77	79	mAh
Size/Format	Diameter: 15 Length: 53.3	Diameter: 14.8 Length: 53.3	Diameter: 12.2 Height: 5.6	Diameter: 12.49 Height: 5.75	mm
Voltage	3.6	3.7	3.8	3.66	V
Weight	23	25	2.0	2.3	g
Energy	3.42	3.15	0.292	0.289	Wh



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Accessories/Spare Parts

SPACCs	Order Name	Order #	EAN	UPC
Charging Case <i>Black</i>	MSPORT1 CASE <i>Black</i>	700309	4260752331807	810091271858
Earbuds Set - Left and Right <i>Black</i>	MSPORT1 EARBUDS <i>Black</i>	700307	4260752331784	810091271834
Earfins Set N,S,M,L <i>Black</i>	MSPORT1 EARFINS <i>Black</i>	700404	4260752332781	810091272848
Eartips Set S,M,L <i>Translucent</i>	MSPORT1 EARTIPS <i>Translucent</i>	700407	4260752332811	810091272879
Charging Case <i>Olive</i>	MSPORT1 CASE <i>Olive</i>	700315	4260752331869	810091271919
Earbuds Set - Left and Right <i>Olive</i>	MSPORT1 EARBUDS <i>Olive</i>	700313	4260752331845	810091271896
Earfins Set N,S,M,L <i>Olive</i>	MSPORT1 EARFINS <i>Olive</i>	700405	4260752332798	810091272855
Charging Case <i>Graphite</i>	MSPORT1 CASE <i>Graphite</i>	700312	4260752331838	810091271889
Earbuds Set - Left and Right <i>Graphite</i>	MSPORT1 EARBUDS <i>Graphite</i>	700310	4260752331814	810091271865
Earfins Set N,S,M,L <i>Graphite</i>	MSPORT1 EARFINS <i>Graphite</i>	700406	4260752332804	810091272862