



SENNHEISER

HD 458BT

Wireless



Voice Assistant
Access



Battery
Life



Active Noise
Cancellation



SPEC SHEET

HD 458BT

Great wireless sound meets stunning style: With active noise cancellation, high-quality wireless codec support, and Bluetooth 5.0 the HD 458BT delivers superior sound with deep dynamic bass. This special edition of the HD 450BT in bold red and black, features Voice Assistant interaction, customization via the Sennheiser Smart Control App, a special podcast mode, and a 30-hour battery life, to deliver exceptional versatility for audio lovers.

- Active noise cancellation for uninterrupted listening pleasure
- Superior wireless sound with deep dynamic bass and high-quality codec support including AAC and AptX™ Low Latency
- 30-hour battery life
- Crafted from high-quality materials for outstanding durability with a minimalist design
- Intuitive controls including Voice Assistant button for Siri and Google Assistant
- USB-C fast charging and advanced wireless Bluetooth 5.0 technology for effortlessly reliable connectivity

Technical Data

EAN	4 044155 25536 2
UPC	6 1510435318 3
Art. No.	508968

General Data

Ear coupling	Around Ear
Weight	Approx. 238 g (8.39 oz)
Frequency response	18 Hz to 22,000 Hz (-10 dB)
Transducer principle	Dynamic, closed
Transducer size	32 mm
Sound pressure level (SPL)	108 dB (1 kHz/0 dBFS)
THD (1 kHz, 100 dB)	< 0.3 %
Microphone principle	MEMS
Microphone frequency response	80 Hz to 6,000 Hz (-3 dB)
Microphone pick-up pattern (speech audio)	Dual Beamforming
Power supply	Built-in Lithium-Polymer rechargeable battery: 3.7 V \approx , 600mAh; USB charging: 5 V \approx , 500 mA max.
Operating time	30 hours music playback via Bluetooth with ANC activated
Charging time of rechargeable batteries	Approx. 2 hrs

Bluetooth

Version	Bluetooth 5.0 compatible, class 1, BLE
Transmission frequency	2,402 MHz to 2,480 MHz
Modulation	GFSK, $\pi/4$ DQPSK, 8DPSK
Profiles	HSP, HFP, AVRCP, A2DP
Output power	12,6 mW (max)
Codec	SBC, AAC, AptX™, AptX™ Low Latency

Packaging

Content of delivery	HD 458BT Wireless Headphones Audio Cable USB-C charging cable Carry Case Quick Guide & Safety Guide
Packaging type	Hard box
Language on packaging	EN, DE, FR, ES, ZH, JA
Dimensions product packaging (L x B x H)	127 x 103 x 176 mm (5 x 4 x 6.9 in)
Weight of headphones and packaging	385,1 g (13.5 oz)
Dimensions of outer master carton (L x B x H)	340 x 280 x 208 mm (13.3 x 11 x 8.18 in)
Number of products per outer master carton	6
Total weight of outer master carton & products	2915,5 g (6.42 lbs)

WEEE packaging information

Material of single package (incl. weight)	Paper / cardboard: 98 g (3.45 oz) Plastics: 4,2 g (0.14 oz) Composite material: 11,4 g (0.4 oz)
Material of outer master carton (incl. weight)	Paper / cardboard: 536,5 g (1.18 lbs) Plastics: 68,4 g (2.4 oz)
WEEE Weight (Net Weight)	270,11 g (9.52 oz)

Accessories / spare parts

Article no.	Article name
507240	HD 4.50BTNC / HD 450BT Earpads (Black)
507241	HD 450BT Audio Cable (Black)