



SENNHEISER

IE 80S BT Wireless



Audiophile
Sound



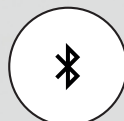
Music
& Calls



Battery
Life



Voice
Assistant



Bluetooth
Connectivity



SPEC SHEET

IE 80S BT Wireless

Technical Data

EAN	4044155237962
UPC	615104315198
Art. No.	508240

General Data

Ear coupling	Ear canal
Wearing style (cable)	Detachable Bluetooth neckband
Weight	approx. 30g (1.05 oz)
Frequency response	10 – 20,000 Hz Bluetooth can change this value
Transducer principle	dynamic
Transducer size	10 mm
Sound pressure level (SPL)	110 dB (1 kHz/0 dBFS)
THD (1 kHz, 100 dB)	< 0.5 %
Microphone principle	MEMS
Microphone frequency response	100 Hz to 10,000 Hz
Microphone sensitivity (as per ITU-T P.79)	-38 dB V/Pa
Microphone pick-up pattern (speech audio)	2 omni-directional microphones
Power supply	built-in rechargeable lithium-polymer battery: 3.7 V \approx , 120 mAh; USB charging: 5 V \approx , 500 mA
Operating time	6 hrs (music playback via SBC) with head- phones' rechargeable battery; 340 hrs in standby mode
Charging time of rechargeable batteries	approx. 1.5 hrs
Temperature range	operation: 0 to +40°C storage: -20 to +60°C
Relative humidity	operation: 10 to 80%, non-condensing storage: 10 to 90%
Magnetic field strength	2.4 mT

The IE 80S BT Wireless is Sennheiser's first high-end wireless model that delivers outstanding accuracy and a breathtaking soundstage from a sleek neckband design. It is the ideal choice for audiophile wireless listening without limits – for the sophisticated listener.

- Supports hi-res codecs for uncompromised sound, including LHDC, aptX HD, and AAC
- aptX Low Latency support ensures perfect synchronization with video content
- Dynamic speaker system with 10mm drivers and powerful neodymium magnets to ensure audiophile-grade accuracy and clarity
- Utilizes top of the line DAC from AKM
- Precisely tailor the sound experience using the Sennheiser Smart Control App and its 5-band equalizer
- Manual frequency tuning possible with supplied bass adjustment and cleaning tool
- Excellent attenuation of ambient noise of up to 26dB
- Flexible, soft touch ear hooks for a secure fit and superior comfort
- 6-hour battery life, with USB charging
- 2-year warranty

Bluetooth

Version	Bluetooth 5.0 compatible, class 1, BLE
Transmission frequency	2,400 MHz to 2,483.5 MHz
Modulation	GFSK, $\pi/4$ DQPSK, 8DPSK
Profiles	HSP, HFP, AVRCP, A2DP
Output power	10 mW (max)
Codec	SBC, aptX®, aptX® LL, aptX® HD, AAC, LHDC

Packaging

Content of delivery	IE 80S Earphones Detachable Bluetooth® Neckband IEN BT Ear Adapter Sets (S/M/L): Silicone, Lamellar, Comply™ Memory Foam Bass Adjustment and Cleaning Tool USB Charging Cable (Types C to A) Carry Case
Packaging type	Hard box
Language on packaging	English, German, French, Japanese, Korean, simpl. Chinese
Dimensions product packaging (L x B x H)	160 x 67 x 227 mm (6.3 x 2.6 x 8.9 in)
Weight of headphones and packaging	402 g (14.1 oz)
Dimensions of outer master carton (L x B x H)	474 x 375 x 243 mm (18.6 x 14.7 x 9.5 in)
Number of products per outer master carton	12
Total weight of outer master carton & products	1,370 g (3.02 lbs)

WEEE packaging information

Material of single package (incl. weight)	Paper / Cardboard: 198 g (3.45 oz) Plastic: 26 g (0.91 oz)
Material of outer master carton (incl. weight)	Paper / Cardboard: 1,306 g (2.87 lbs) Plastic: 63 g (2.22 oz)
WEEE Weight (Net Weight)	32 g (1.12 oz)