



SENNHEISER

HDB 630

Audiophile sound, cut loose





SPEC SHEET

HDB 630

Closed-back Wireless Headphones



Flawless sound, no wires, and a battery that lasts for up to 60 hours. The Sennheiser HDB 630 lets you take true audiophile sound anywhere you go.

Precision engineering brings out breathtaking clarity, a neutral tone, detailed mids, and a wide soundstage. Use aptX HD and aptX Adaptive Bluetooth® codecs from a high-resolution source such as Sennheiser's BTD 700 Bluetooth® adapter or plug in via USB-C for pure fidelity.

The advanced parametric EQ lets you define frequency bands and filters as you please. Cross Fade balances classic tracks for better headphone listening while Active Noise Cancellation eliminates background noise while maintaining high-end audio quality

Technical Data

Model name	Order name	Article no.	EAN	UPC
HDB 630	HDBT	700445	4260752333450	810091273548

Product specification

Wearing style	Headband stereo headphones	Charging time	Approx. 2 hrs for full charge; 10 min charging for up to 7 hrs playtime; Remark: Ambient temperatures >30°C may lead to extended charging times
Ear coupling	Around-the-ear, circum-aural	Battery type	Built-in Lithium-Ion rechargeable batteries 700 mAh
Connectivity	Bluetooth 5.2 compliant, class 1, 10 mW (max)	Power supply	5 V ⁻⁻⁻ , 750 mA max, USB charging via USB C socket
Transmission frequency/modulation	2,402 MHz to 2,480 MHz; GFSK, $\pi/4$ DQPSK / 8 DPSK	Temperature range	Operation: 0°C to +40°C Charging: +10°C to 40°C Storage: -20°C to 60°C
Supported profiles	A2DP, AVRCP, HFP	Relative humidity (non condensing)	Operation: 10 to 80% Storage: 10 to 90%
Supported codecs	SBC, AAC, aptX™, aptX™ HD, aptX adaptive™	Magnetic strength field	6.25 mT
Speaker principle	Dynamic	Product weight	Ca. 311 g (11 oz)
Speaker type/size	42 mm diameter	Product dimension (folded flat)	180 x 195 x 51 mm (7 x 7.67 x 2 in)
Speaker frequency range	USB: 6 Hz to 40kHz Analog & Bluetooth®: 6 Hz to 22 kHz	App support	Sennheiser Smart Control Plus app for iOS™ and Android™
Speaker sensitivity	105 dB SPL (1 kHz / 0 dB FS)	Country of origin	Designed by Sennheiser in Germany, Made in China
Speaker THD	<0,2% (1 kHz / 100 dB SPL)	Custom tariff code	851762 (BT headsets)
Speaker impedance	Active 480 ohms	HAZMAT UN #	UN 3481
Active Noise Cancellation	Hybrid Adaptive ANC		
Mic principle	MEMS		
Mic frequency range	50 Hz to 10 kHz		
Mic pick-up pattern	2 mics per side, beamforming for noise reduction		
Battery lifespan	Up to 60 hrs music playtime via Bluetooth and with ANC (test condition: iPhone, mid volume level)		



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CONTENTS OF DELIVERY

- HDB 630 Wireless Headphone
- Carry Case
- USB C Cable
- Audio Cable
- In-flight Adapter
- User Information



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

Packaging type	Hard box
Language on packaging	English, German, French, Simplified Chinese, Japanese
Dimensions product packaging (L x B x H)	221.5 x 215 x 75 mm (8.72 x 8.46 x 2.95 in)
Weight of headset and packaging (incl. accessories)	1054.17 g (2.32 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	11456.88 g (25.26 lbs)

WEEE packaging information

Material of single package (incl. weight)	Paper / Cardboard: 292 g (10.30 oz)	Plastic: 0 g (0 oz)
Material of outer master carton (incl. weight)	Paper / Cardboard: 915.16 g (2.02 lbs)	Plastic: 0 g (0 oz)
WEEE Weight (Net weight)	358 g (12.63 oz)	