



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® USB C Dongle or with analog input for pure fidelity.

The advanced parametric EQ lets you define frequency bands and filters as you please. Crossfeed 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 Lunar Silver	HDBT Lunar Silver	800164	4260752336130	810091276273

Product specification	
Wearing style	Headband stereo headphones
Ear coupling	Around-the-ear, circum-aural
Connectivity	Bluetooth 5.2 compliant, class 1, 10 mW (max)
Transmission frequency / modulation	2,402 MHz to 2,480 MHz; GFSK, $\pi/4$ DQPSK / 8 DPSK
Supported profiles	A2DP, AVRCP, HFP
Supported codecs	SBC, AAC, aptX™, aptX™ HD, aptX adaptive™
Speaker principle	Dynamic
Speaker type/size	42 mm diameter
Speaker frequency range	6 Hz – 40 kHz (only when using Line-In, USB (96 kHz) or Bluetooth with aptX adaptive (96 kHz); 6 Hz – 22 kHz (otherwise)
Speaker sensitivity	105 dB SPL (1 kHz / 0 dB FS)
Speaker THD	<0,2% (1 kHz / 100 dB SPL)
Speaker impedance	Active 480 ohms
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)
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
Battery type	Built-in Lithium-Ion rechargeable batteries 700 mAh
Power supply	5 V $\overline{-}$, 750 mA max, USB charging via USB C socket
Temperature range	Operation: 0°C to +40°C Charging: +10°C to 40°C Storage: -20°C to 60°C
Relative humidity (non condensing)	Operation: 10 to 80% Storage: 10 to 90%
Magnetic strength field	6.25 mT
Product weight	Ca. 311 g (11 oz)
Product dimension (folded flat)	180 x 195 x 51 mm (7 x 7.67 x 2 in)
App support	Sennheiser Smart Control Plus app for iOS™ and Android™
Country of origin	Designed in Germany, Made in China
Custom tariff code	851762 (BT headsets)
HAZMAT UN #	UN 3481



SPEC SHEET

HDB 630

Closed-back Wireless Headphones



CONTENTS OF DELIVERY

- HDB 630 Wireless Headphone
- BTD 700 Bluetooth® USB C Dongle
- 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)	