



SPEC SHEET

HD 650

A benchmark for total audio immersion



The HD 650 has all of the perks of a high-performance sports car and none of the quirks. This open-back headphone is beloved by audiophiles for its musical, non-fatiguing sound while still offering intimate levels of detail. Upon the first note, your favorite tracks reveal their true potential, and each moment of that performance becomes an opportunity to react all over again. For the hi-fi enthusiast that prioritizes engaging sound quality the HD 650 is an instant upgrade.

The HD 650's signature sound starts with our in-house acoustics. Audiophiles know that the best components perform at their peak when nothing stands in their way. The 42mm transducer deploys a 38mm diaphragm with aluminum voice coil specifically tuned for extended, critical listening: overall treble and low-frequency presence are effortless while midrange is reproduced with lifelike composure—none sacrificing their organic roots to get there.

Made in Ireland at our state-of-the-art production facility, the HD 650 delivers more: more details discovered, more musicality, and definitely more time for blissful listening.

Technical Data

	HD 650
EAN	4044155249552
UPC	615104340497
Article No.	508825

General Data

Ear coupling	Around ear, circumaural
Weight (with cable)	260 g (9.17 oz)
Frequency response	10 Hz – 41,000 Hz
Transducer principle	Dynamic, open
Sound pressure level (SPL)	103 dB (1 V)
Impedance	300 Ω
THD (1 kHz, 100 dB)	< 0.05 % (1 kHz, 1 V)
Cable length	3m
Connector	1/4" (6.35 mm) stereo jack plug
Adapter	1/4" (6.35 mm) stereo jack plug to 3.5 mm stereo jack plug
Magnetic field	1.8 mT

- Open-back dynamic headphones
- Go-to reference for analytical listening
- Special damping element made from fine acoustic metal mesh
- Extremely tight production tolerances (± 1 dB) and handpicked components
- Exclusive 42 mm transducer and 38 mm diaphragm
- Detachable connecting cable made from highly conductive OFC copper
- Lightweight, timeless design and comfortable velour pads for hours of fatigue-free listening

Packaging

Content of delivery	HD 650 headset
Packaging type	Closed carton box
Dimensions product packaging (L x B x H)	245 x 187 x 101.5 mm
Dimensions of outer master carton (L x B x H)	526 x 266 x 410 mm
Number of products per outer master carton	10
Total weight of outer master carton and products	7,013 g