

# HD 650

## Headphones | Audiophile Headphones

Cat. No. 009969

### General Description

The audiophile HD 650 is the ultimate in open, dynamic headphone design. Developed from the award-winning HD 600, the HD 650s feature improved materials for even better sound reproduction. They captivate the listener with their expressiveness and emotion while maintaining absolute precision and lifelike reproduction. Enjoy sound in all its perfection.



### Technical Data

Frequency response .....	10–39,500 Hz (–10 dB/1 kHz)
Transducer principle.....	dynamic, open
Nominal impedance .....	300 Ω
Sound pressure level.....	115 dB (at 1 kHz, 1 V <sub>rms</sub> )
THD .....	≤ 0,05 %
Ear coupling .....	circumaural
Contact pressure.....	approx. 2.5 N
Weight (without cable) .....	260 g
Connector .....	1/4" (6.3 mm) stereo jack plug with adaptor lead to 3.5 mm stereo mini jack plug
Connection cable.....	3 m, detachable, OFC copper cable

### Features

- Engineered for music
- Hand-selected, matched headphone systems with very tight tolerances (+/- 1 dB)
- Computer-optimised magnet systems for minimising harmonic and intermodulation distortion
- Extremely lightweight aluminium voice coils ensure accuracy and fast transient response
- Neodymium ferrous magnet systems for high efficiency
- Specially developed acoustic silk provides uniform damping over its entire frequency range as well as minimising IM and harmonic distortion
- Elegant silver-titanium finish
- High-quality metal mesh covers for superbly open and transparent sound
- Extremely natural, spatial sound image
- Balanced, crisp bass and deep bass reproduction
- Authentic voice reproduction
- Specially developed OFC copper cable, Kevlar-reinforced, insensitive to handling noise
- Gold plated 1/4" jack plug with adaptor lead to 3.5 mm jack plug

### Replacement Parts

- Ear pads (1 pair)

Cat. No. 050635

