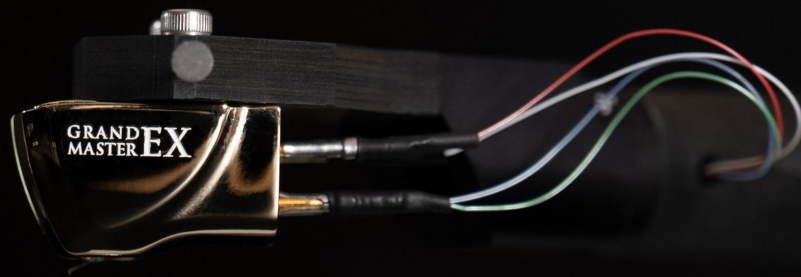


DS AUDIO — OPTICAL CARTRIDGE

Optical Cartridge Comparison Chart



Six stereo models — stylus tip, cantilever, body material

DS Audio

CREATING THE FUTURE OF ANALOG MUSIC

MODEL	DS-E3 ENTRY	DS003 STANDARD	DS-W3 REFERENCE	DS Master3 SEMI-FLAGSHIP	Grand Master FLAGSHIP	Grand Master Extreme ULTIMATE FLAGSHIP
Stylus Tip GROOVE CONTACT	Elliptical Two-point contact	Line Contact Elongated contact area		Micro Ridge Finest contact geometry		
Cantilever MOTION TRANSFER	Aluminium Standard		Boron High rigidity	Diamond Square profile	Diamond Round shank	Diamond One-piece
Body Material STRUCTURAL BASE	Aluminium Alloy Machined from solid			A7075 Duralumin Extra super duralumin		

Stylus Tip GROOVE CONTACT

The stylus is the only part that reads the groove. How faithfully its contact surface follows the groove wall determines how much information can be retrieved.

Elliptical — Contacts the groove wall at two points. Honest, well-balanced reproduction.

Line Contact — An elongated contact area follows the groove wall, tracing fine high-frequency detail accurately. Distributed contact pressure is gentler on records.

Micro Ridge — A finer, sharper ridge reaches the deepest part of the groove and retrieves the smallest detail.

Cantilever MOTION TRANSFER

Carries the stylus motion to the generating section without loss and without adding resonance of its own. Lightness against stiffness becomes speed of response.

Aluminium — Light and honest. The standard material.

Boron — Far stiffer than aluminium. Faster attack and sharper image outlines.

Diamond — The hardest natural material. The square profile resists torsion; the round shank suppresses resonance further; the one-piece design removes the stylus joint itself, the source of transmission loss and resonance.

Body Material STRUCTURAL BASE

A cartridge assumes that the parts which should not move do not move. Body rigidity and resonance govern the silence of the background and the stability of the bass.

Aluminium alloy — Light, with ample rigidity. The standard material.

A7075 duralumin — The highest-strength class of aluminium alloy. Its rigidity keeps micro-vibration out of the signal path and holds fine machining tolerances — this is what supports the silence of the upper models.

The heavy vertical rule — marks where the body material changes. Everything to its right combines A7075 duralumin, a diamond cantilever and a Micro Ridge stylus.