

DS MASTER 1



WE WILL CREATE THE FUTURE
OF ANALOG MUSIC



DS Audio

DS MASTER 1



The flagship of the DS Audio product lines, the new DS Master1 optical cartridge features the improved optical-mechanical design, wire-suspension, Sapphire cantilever and the micro-ridge stylus.

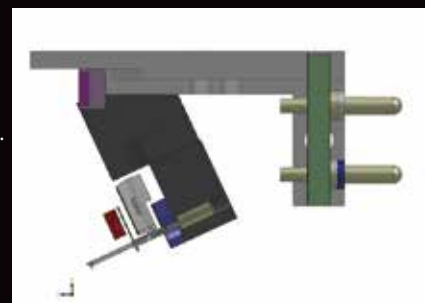
The Master1 preamp/equalizer has the fully independent dual-mono discrete circuits with the single-ended RCA and balanced XLR outputs, as well as three low frequency cutoff points.

The DS Master1 system will be marketed starting from May 1st, 2016.

Cartridge

◆ Newly designed "Advanced Optical-mechanical" system

The "advanced optical-mechanical" design enables us to position our newly designed micro-optic sensor unit closer to the stylus, resulting in a much shorter optical path length. Together with its wire-suspended cantilever, the DS Master1 provides the listener the superb channel separation and sound quality.



◆ Micro-ridge stylus mounted to a sapphire cantilever

The Micro-ridge stylus has a minimum-curvature radius and is mounted to a sapphire cantilever. This super low mass generator, which eschews magnets and coils and is free of ultra-sonic ringing, lets the Master1 reproduce every bit of musical information with stunning nuance and brilliant detail for flagship-level performance.



◆ Advanced Material Science

During the development phase of the DS Master1, no detail was overlooked.

In the past two years, every aspect of the design and parts were re-evaluated to ensure the highest rigidity possible in the cartridge.

From its Ultra duralumin body to its amethyst power indicator window, we have carefully selected each component to ensure that we have a built a phono cartridge of the highest rigidity and quality.





FLAGSHIP MODEL

Equalizer



◆ **Fully discrete dual-mono circuitry with three dedicated power supplies**

The DS Master1's matching preamp/equalizer features expertly designed, fully independent dual-mono analog circuits. To achieve flagship-level performance, each channel has its own dedicated power supply to deliver more than ample power with the third power supply dedicated to the cartridge LED drive system of the DS Master1 phono cartridge.

◆ **Massive 24 kilogram / 53 pound unit weight**

Its robust weight is the result of sophisticated casework, the twelve 120K μ f electrolytic capacitors and three transformers used in the DS Master1 preamp/equalizer. To achieve the lowest possible impedance, pure copper bus-bars provide connection between the bank of capacitors.



◆ **Your choice of outputs and low frequency response**

The DS Master1 preamp/equalizer features three sets of RCA and XLR outputs and three separate low frequency cut-off points. Each low frequency contour is accessed by its own dedicated single-ended RCA or balanced XLR output for a total of six sets of dual-mono outputs.

DS Master1 Optical Cartridge

Signal output Photo-electric Conversion
Channel separation 25db more (1kHz)
Weight 8.1g

Output signal level 500mV and more
Canti-lever Sapphire
Body material Ultra duralumin

Needle pressure 1.6g ~ 1.8g
 (1.7g is recommended)
Stylus Micro Ridge

DS Master1 Equalizer for Optical Cartridge

Rated out putvoltage 500mV (1kHz)
Impedance 120 Ω

Input terminal RCA terminal
Output terminal RCA terminal \times 3,
 XLR terminal \times 3

Size 325W \times 105H \times 210D(mm)
Weight 24.0kg