

"The game changer"

**DS E3**

Truly beyond price.

The DS-E3 is a revolutionary technology in historic record reproduction.

Ikuo Tsunoda, Audio Critic



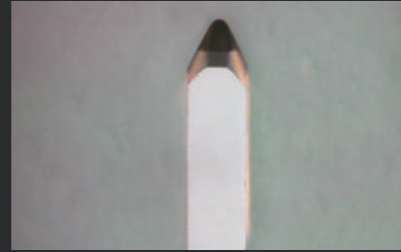
# Details

## Cartridge



Uses a third-generation optical cartridge mechanism

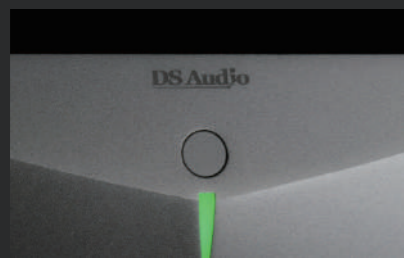
The DS-E3 uses a third-generation optical cartridge mechanism, the same design as our other products. The DS-E3 achieves an overwhelmingly low price while inheriting the merits of the third-generation mechanism, such as higher output due to independent LED and PD, improved channel separation, and the use of a beryllium light shielding plate.



Aluminum Cantilever with Elliptical needle

The cantilever is made of aluminum and the needle tip is a solid elliptical needle. While adopting the third-generation optical cartridge mechanism, the channel separation is set 1db lower to improve mass production efficiency.

## Equalizer



New Amplification and Power Supply Circuits

In the DS-E3 equalizer, the amplification circuit has been made symmetrical, and the voltage supplied to the cartridge has been stabilized to achieve a clearer and faster sound.



Miniaturization is achieved by using an operational amplifier

The DS-E3 equalizer uses an operational amplifier as the amplifying element to minimize the signal path, thereby greatly reducing the number of components and achieving a smaller size. As a result, the DS-E3 equalizer is about 1/3 the size of the DS003 equalizer.

# Price

## Cartridge

### DS-E3 Optical Cartridge

Signal output	Photo-electric Conversion
Channel separation	26db more(1kHz)
Weight	7.7g
Output signal level	70mV more
Canti-lever	Aluminum
Body material	Aluminum
Needle pressure	2.0g~2.2g(2.1g is Recommended)
Stylus	Elliptical Needle

## Equalizer

### DS-E3 Equalizer for Optical Cartridge

Output voltage	500mV(1kHz)(at Equalizer output)
Output impedance	120Ω
Pre amp input impedance	More than 10kΩ
Input terminal	RCA terminal
Output terminal	RCA terminal
Size	W26cm×H6.9cm×D19.5cm
Weight	1.86kg