

# DS E1

DS Audio's first entry model product.



### Cartridge



Using vibration system of the same design as DS Master 1 and DS-W2 and DS002

DS-E1 has a wire suspension mechanism which is the same design as DS Master 1 and DS-W 2 and DS002 By implementing it, you realize high channel separation and stable music playback. Moreover, by arranging the position of the slit at the position close to the needle point, it is possible to retrieve information with higher freshness.



Aluminum Cantilever with Elliptical needle

Like the more expensive DS Audio cartridges, the DS-E1 cartridge body is machined from aluminum and echoes their distinctive design for best optical performance. The DS 002 features an aluminum cantilever and Elliptical needle to accurately reproduce the music recorded on the vinyl record album.

### Equalizer



Small size, big performance

The DS-E1 equalizer employs an operational amplifier at the heart of its amplification circuit, greatly reducing the number of components required. This also allows the DS-E1 to possess an extremely compact form factor, around 1/3 the size of the DS-002 equalizer, whilst still offering the world leading performance you have come to expect from DS Audio.



Proudly manufactured in Japan

The DS-E1 features precision machined aluminum casework, an element it shares in common with its illustrious stable-mates. Each DS-E1 is manufactured by hand in DS Audio's facility in Sagami-hara City.

| DS-E1 Optical Cartridge |                                |
|-------------------------|--------------------------------|
| Signal output           | Photo-electric Conversion      |
| Channel separation      | 24db more (1KHz)               |
| Weight                  | 8.1g                           |
| Output signal level     | 50mV more                      |
| Canti-lever             | Aluminum                       |
| Body material           | Aluminum                       |
| Needle pressure         | 1.6g~1.8g(1.7g is recommended) |
| Stylus                  | Elliptical Needle              |

| DS-E1 Equalizer for Optical Cartridge |                                  |
|---------------------------------------|----------------------------------|
| Output voltage                        | 500mV(1kHz)                      |
| Output impedance                      | 120Ω                             |
| Pre amp input impedance               | More than 10kΩ                   |
| Input terminal                        | RCA terminal                     |
| Output terminal                       | RCA terminal                     |
|                                       | (Switch two outputs with switch) |
| Size                                  | W20cm×H7cm×D16cm                 |
| Weight                                | 1.4kg                            |