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Ortofon 2M Red

2M are designed for precise and accurate retrieval of the information in the record groove. Our philosophy is to play the record sound as accurate as possible, without coloring the sound. We have optimized the design for ease of mounting the cartridge, weight and size to fit the most common turntables at the market today.

The name 2M was selected among several ideas. We wanted a modern name that would be easy to pronounce and to remember, and therefore an alpha numerical name was chosen. 2M means MM, which is the abbreviation for moving magnet.

2M has been engineered to the highest standards and is congruent with the unrelenting commitment of Ortofon to provide the most precise and accurate reproduction possible without coloration.

The 2M series of cartridges feature Ortofon's trademark split pole pins, an invention that enables moving magnet cartridges to have a flat frequency response, as with a moving coil cartridge.



Split pole pins were invented by Ortofon, and were originally presented in the 500 series and Super OM series.

The 2M Red uses an improved engine, which provides an increased output of 5.5mV.

2M red features a tipped elliptical diamond.

Technical data

Output voltage at 1000 Hz, 5cm/sec.	5,5 mV
Channel balance at 1 kHz	1,5 dB
Channel separation at 1 kHz	22 dB
Channel separation at 15 kHz	15 dB
Frequency range at - 3dB	20-22.000 Hz
Frequency response	20-20.000 Hz + 3 / - 1 dB
Tracking ability at 315Hz at recommended tracking force	70 µm
Compliance, dynamic, lateral	20 µm/mN
Stylus type	Elliptical
Stylus tip radius	r/R 8/18 µm
Tracking force range	1,6-2,0g (16-20 mN)
Tracking force, recommended	1,8 g (18 mN)
Tracking angle	20°
Internal impedance, DC resistance	1,3 kOhm
Internal inductance	700 mH
Recommended load resistance	47 kOhm
Recommended load capacitance	150-300 pF
Cartridge colour, body/stylus	Black/Red
Cartridge weight	7,2 g
Replacement stylus unit	2M Red