



THORENS SPU 124

Moving Coil Cartridge for TD 124 DD, special version of the famous Ortofon SPU

The THORENS/Ortofon SPU 124 is a special version of the legendary Ortofon SPU sound box, which is designed for optimal scanning behaviour in combination with the THORENS TD 124 DD drive and the newly developed TP 124 tonearm. The generator, i.e. the “motor” of the pick-up, has been completely revised and the output voltage has been increased to 0.5mV (5cm/sec). This measure reduces the subsequent amplification of the signal and reduces interference. A highly polished, mass-reduced “naked diamond” with an elliptical cut increases the pickup’s scanning ability.

Specifications	
Output voltage	at 1000 Hz, 5cm/sec. - 0.5 mV
Channel balance	at 1 kHz < 1.5 dB
Channel separation	at 1 kHz > 23 dB
Channel separation	at 15 kHz > 15 dB
Frequency response	20-20.000 Hz \pm 2 dB
Tracking ability	at 315Hz at recommended tracking force *) > 70 μ m
Compliance, dynamic, lateral	8 μ m/mN
Stylus type	nude, elliptical
Stylus tip radius	r/R 8/18 μ m
Tracking force range	2.5-3.5g
Tracking force, recommended	3.0g
Tracking angle	20°
Internal impedance, DC resistance	2 ohm
Recommended load impedance	10 - 50 ohm
Cartridge weight	30 g

*) Typical value