

Pioneer PL-50LII Specifications

DRIVE

Motor : DD, Core-less, brush-less PLL DC servo
Direct drive

Bearing structure : Stable Hanging Rotor (v1 ; PL-50/L)

Platter : 31cm diecast aluminium

Inertia moment : 330kg / cm²

Load characteristic : 0% up to 200g

Speeds : 33 1/3 & 45rpm

Full speed ahead : 1/3 of a rotation (33 1/3 rpm)

Starting torque : 1,6kg / cm²

Wow & flutter : < 0,013% (PL-50 ; WRMS ; FG direct)
< 0,012% (PL-50L ; WRMS ; FG direct)
< 0,023% (WRMS / JIS)

Rotational accuracy : < 0,002%

Drift : 0,00008% / h
0,00003% / °C

S/N ratio : > 82dB (DIN-B)
> 65dB (JIS)

Braking : electronic

Componentry : **GENERAL**
1 Quartz
10 ICs
3 Hall
4 LEDs
11 transistors
4 diodes

PC : 15W

Dimensions : 49 x 19 x 40,1cm

Weight : 14,6kg.

List price : 95,000¥ (1981)

Type :

TONEARM (straight)
twin static balance ; carbon graphite wands
variable 5-step oil-damping

Effective length : 25cm
Overhang : 12mm
Tracking error : + 2,7° / - 1,3°
Tracking force : 0...3g (1 turn = 1g)
Pivot to spindle: 23,8mm
Offset angle (degrees): 19,2
Null Points: 52.2 / 112.3

Cart/headshell weight : 3g...11g (straight)
Included headshell : 6g...32g (S-shaped)
VTA adjustment : carbon graphite
+3 / -4mm