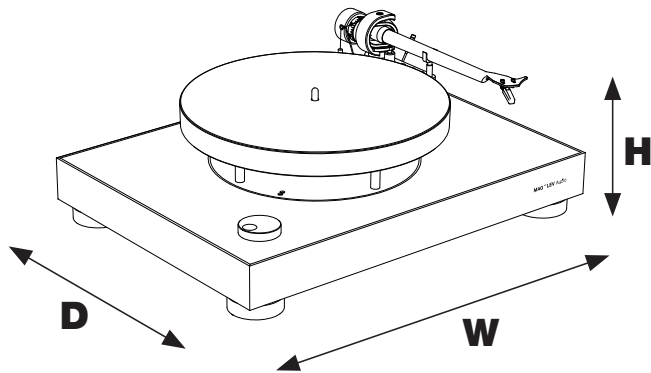


ML1 - TECHNICAL SPECIFICATIONS AND STANDARDS

DIMENSIONS



Depth (D)	355 mm
Width (w)	477 mm
Height (H)	185 mm

TURNTABLE SPECIFICATIONS

Type	Magnetic Levitation, Semi – automatic operation
Motor	No motor
Drive method	MAG-LEV Audio Drive (magnetic coil drive)
Speeds	33-1/3 RPM, 45 RPM
Turntable platter	ABS plastic & Carbon Fiber + magnets and metals, 2.2kg or 4.9 lbs
Wow and flutter	< 0,17%
Signal-to-noise ratio	-73dB
Operating temperature	35°C
Weight	9,8 kg
Package weight	12,2 kg

TO NEARM SPECIFICATIONS

1" = 2,54 cm	
Tonearm model	Pro-Ject 9cc
Headshell 0,5" standard	✓
Mounting distance arm base	212 mm
Armtube made of	carbon-fibre
Headshell made of	carbon-fibre

Eff. tonearm length	9"
Eff. tonearm mass	8,5 g
Overhang	18 mm
Supplied counterweights for cartridge weights counterweight no. ()	6 - 10 g (nr. 16) -----
Optional counterweights for cartridge weights counterweight no. ()	3 - 6 g (no. 7) 5 - 8 g (no. 9) 11 - 15 g (no. 3)
Downforce range	10 - 30 mN
Weight (without counterweight)	250 g

CARTRIDGE SPECIFICATIONS

	PRE-FITTED	RECOMENDED UPGRADE OPTIONS					
	OM 10	OM 20	OM30	OM40	2M RED	2M BRONZE	2M BLACK
Output voltage at 1000 Hz, 5cm/sec.	4 mV	4 mV	3.5 mV	3.5 mV	5,5 mV	5 mV	5 mV
Channel balance at 1 kHz/dB	2,0	1,5	1,0	1,0	1,5	1	1
Channel separation at 1 kHz/dB	22	25	25	27	22	26	26
Frequency response Hz	20-22.000	20-22.000	20-27.000	20-30.000	20-20.000 Hz + 3 / - 1 dB	20-20.000 Hz + 2 / 0 dB	20-20.000 + 2 / - 0 dB
Tracking ability (315Hz, lateral)/ µm	70	80	90	95	70	80	80
Compliance, dynamic (lateral)/ µm/mN	25	30	35	35	20	22	22
Stylus type	Elliptical	Nude Elliptical	Nude Fine Line	Nude VDH	Elliptical	Nude Fine Line	Nude Shibata
Stylus tip radius/µm	r/R 8/18	r/R 8/18	r/R 8/40	r/R 5/70	r/R 8/18	r/R 8/40	r/R 6/50
Tracking force range/g	1,25-1,75	1,0-1,5	1,0-1,5	1,0-1,5	1,6-2,0	1,4-1,7	1,4-1,7
Recommended tracking force/g	1,5	1,25	1,25	1,25	1,8	1,5	1,5
Tracking angle (vertical)	20°	20°	20°	20°	20°	20°	20°
Internal impedance, DC resistance/Ohm	750	800	800	750	1300	1200	1200
Internal inductance / mH	450	600	600	450	700	630	630
Recommended load resistance/kOhm	47	47	47	47	47	47	47
Recommended load capacitance/pF	200-500	200-500	200-500	200-500	50-300	150-300	150-300
Cartridge weight	5 g	5 g	5 g	5 g	7,2 g	7,2 g	7,2 g