

SME

Since 1946



SERIES IV

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- ☆ Unique one-piece pressure die-cast tone-arm utilising the advantages of magnesium, replaces conventional fabricated construction.
- ☆ Internal constrained layer damps minute residual vibration leaving the tone-arm acoustically inert.
- ☆ Fine machined cartridge platform, enamel free to avoid interface resonance.
- ☆ Stainless steel cross shaft, ground and thread ground. Carried in massive yoke on 10mm ABEC 3 ball races. Axis at record mean level to minimise warp-wow.
- ☆ Unique assembly gives high rigidity and allows bearings to be critically adjusted before tone-arm is fitted.
- ☆ Stainless steel vertical shaft, ground and thread ground, with integral 16mm diameter flange to couple shaft and yoke.
- ☆ 23mm diameter steel pillar, heat treated, ground and honed, carries two 17mm ABEC 3 ball races, widely spaced to resist tilt.
- ☆ Anti-skate control operates through tension spring and filament. Dial corresponds with VTF and has positive OFF position.
- ☆ Lowering/raising control gives smooth positive action. Height of lift can be adjusted.
- ☆ Dual-lock base provides movement control with high rigidity.
- ☆ Tungsten-alloy balance weight carried on damped two-point suspension. Extra-low inertia design assists warp riding.
- ☆ Underslung weight housing corrects centre of gravity and provides non-reflective tone-arm termination. Adjustment leadscrew journalled in twin ball races with lever clamping.
- ☆ Swivelling, damped output-socket minimises vibration transmission in sub-chassis use.
- ☆ Reference lines on tone-arm facilitate VTA setting.
- ☆ Fine adjustment of horizontal tracking angle (HTA).
- ☆ New design alignment protractor sets HTA with great accuracy.

DIMENSIONS		SPECIFICATION	
	mm		
A – Distance from pivot to stylus	233.15	Effective mass	10/11g
B – Distance from pivot to turntable centre	215.35	Cartridge balance range	5-16g
C – Cartridge fixing centres	12.70	Vertical tracking force	0-3g
D – Offset angle	23.635°	(at min cartridge weight)	
E – Linear offset	93.47	Maximum tracking error	0.012°mm
F – Overhang	17.80	Null points:	
G – Height above mounting surface	{ max 87.90 min 56.40	Inner	66.04mm
H – Height of record surface above mounting surface	{ max 57.90 min 26.40	Outer	120.9mm
J – Depth below mounting surface	56.75	Audio lead:	
K – Radial clearance for balance weight	73.0	Length	1.2m
L – Clearance between cabinet lid and record surface, assuming cartridge height at 17.0	35.0	Capacitance	140 pF/channel
		Resistance	0.145 ohms/conductor
		Internal wiring:	
		Capacitance	15 pF/channel
		Resistance	0.535 ohms/conductor
		Output plug and socket	D.I.N. 5-pole 240°
		Weight, net	700.0g

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The Series IV precision pick-up arm is available in the UK from leading audio stockists only. Distribution overseas is made by appointed agents in the countries concerned. Please contact our Sales Department for further information.

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