

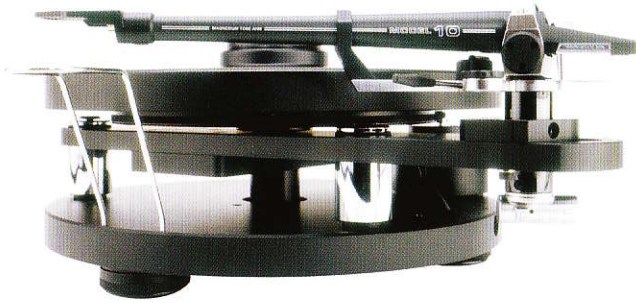
# SME

# MODEL 10



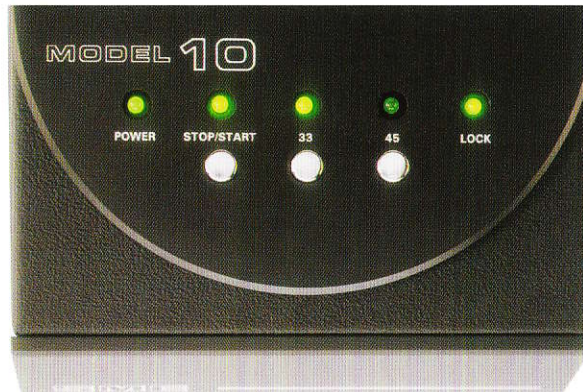
The Model 10 is a valuable addition to our range of precision turntables. The designer's aim; to rival more affordably, the performance and engineering excellence of our Models 20/2 & 30/2 has been notably successful. The SME Model 10 mirrors their exacting standards and ease of use. Novel features include polymer isolators contributing to a pleasing detailed sound balance that encourages fresh exploration of any record collection. Untroubled by the most complex material it's firm clean bass makes this a turntable that will set your feet tapping!

# SME MODEL 10 PRECISION TURNTABLE



- ☆ The Model 10 weighs more than 15kg (33 lb) but is only 304mm (12") diameter, thereby meeting the all important requirement of high density construction on which freedom from colouration so much depends.
- ☆ The massive 4.6kg (10 lb) base is supported on three large polymer isolators housed to form adjustable feet, so levelling is quick, easy and very precise.
- ☆ A cruciform sub-chassis weighing more than 2.5kg (5 lb) is carried on three cylindrical units containing precision-moulded polymer inserts, a novel design which affords impressive isolation and damping without 'float' – the enemy of positive handling.
- ☆ The platter is machined from aluminium alloy and weighs over 4.1kg (9 lb). It is extensionally damped on both faces the top surface being diamond-turned with a fine scroll. This method of finishing upsets a myriad of tiny fibres which interface with the underside of the record.
- ☆ A substantial clamp operating on the reflex principle ensures the largest possible platter contact even when appreciable record warp is present.
- ☆ The main spindle is 19.0mm (3/4") diameter machined from high chrome tool steel, ground, superfinished and supported in a taper bearing for extra platter stability.
- ☆ The Model 10 motor conforms with the highest standards of silent running in a turntable. Further enhancement coming from a novel motor-mounting arrangement, again incorporating moulded polymer components.

- ☆ Mechanical excellence has been complimented in the design of the power supply. Motor commutation and speed selection are supervised by an 8-Bit micro-controller. A highly efficient mosfet bridge circuit, maximises motor torque under all conditions.
- ☆ Stop/start response is exceptional, the software effects dynamic braking by configuring the motor as a generator whenever the supply is in the 'off' state.
- ☆ Each speed has its own crystal reference, with which rotation is compared 120 times per platter revolution ensuring exact speed.
- ☆ The speed control servo is a phase locked loop and has the effect of multiplying the rotating platter mass by the loop gain thereby virtually eliminating dynamic wow caused by groove modulation/stylus drag.
- ☆ Temperature stability is of the order of 10 parts per million, i.e. speed drift of approximately 0.0001% per degree centigrade.
- ☆ The power supply unit is attractively housed with upward facing buttons and LED's. Speeds 33 1/3 and 45 rpm.



- ☆ Mains voltages available are 90-110V, 105-125V and 220-240V 50/60Hz. Please specify when ordering.
- ☆ Standard arm mountings suit all SME 9" and 10" arms and a number of others. The SME M10 arm derived from

the popular Model 309 is only for use with this turntable and has special features including:

- ☆ A simplified arm-base combining tracking adjustment with absolute rigidity.
- ☆ One-piece pressure diecast magnesium armtube.
- ☆ Detachable magnesium headshell affording azimuth correction.
- ☆ Polished stainless-steel stylus guard.
- ☆ A soft dust cover is provided to accommodate the turntable and arm, when not in use.

## MODEL 10

equipped for but not including SME precision pick-up arm.

## MODEL 10A

as above but complete with matching SME M10 precision pick-up arm.

Dimensions:

Width – 370mm (14 5/8")

Depth – 350mm (13 7/8")

Height – 161mm (6 3/8") over record clamp

Net weight: 16kg (38 lb)

Shipping:

Width – 745mm (29 3/8")

Depth – 405mm (16")

Height – 240mm (9 1/2")

Weight approximately: 18.25kg (55 lb)

The Model 10 turntable and M10 arm is available from leading audio stockists only. Availability outside the U.K. is made through appointed distributors in the countries concerned. For further information visit the SME web site or contact our sales department.