

The

**ROLA**

*Professional*

## TURNTABLE

### SPECIFICATIONS

Speeds:	16 $\frac{2}{3}$ , 33 $\frac{1}{3}$ , 45 and 78 r.p.m.
Table Diameter:	4 $\frac{3}{4}$ lb.
Table Weight:	12 $\frac{3}{32}$ ".
Table Height Above Mounting:	1 $\frac{3}{8}$ ".
Depth Required Below Mounting Panel:	5".
Overall Dimensions:	12 $\frac{3}{32}$ " x 15 $\frac{1}{8}$ ".
Overall Weight:	12 $\frac{1}{2}$ lb.
Table:	Ribbed Aluminium Casting.
Spindle:	$\frac{5}{8}$ " Diam. Hardened Steel. 3 $\frac{3}{8}$ " Long. Ground and polish lapped.
Motor:	Synchronous. Four pole 50 cycle.
Motor Speed:	1500 r.p.m.
Power:	25 Watts.
Temperature Rise:	25 Deg. C.
Turntable Wow and Flutter:	< 0.1%*

\*At 33 $\frac{1}{3}$  r.p.m. using Decca Test Record LXT2695 and measuring r.m.s. sum on Gaumont Kalee Flutter Meter Type 564.



Electronic Division

**ROLA COMPANY (AUST.) PTY. LTD.**

THE BOULEVARD, RICHMOND, E.1, VIC. PHONE: JB 3921

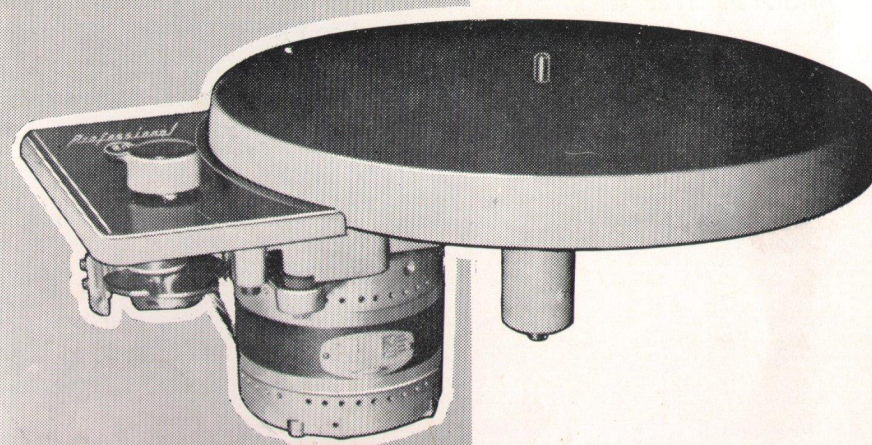
*Presenting*

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## FEATURES

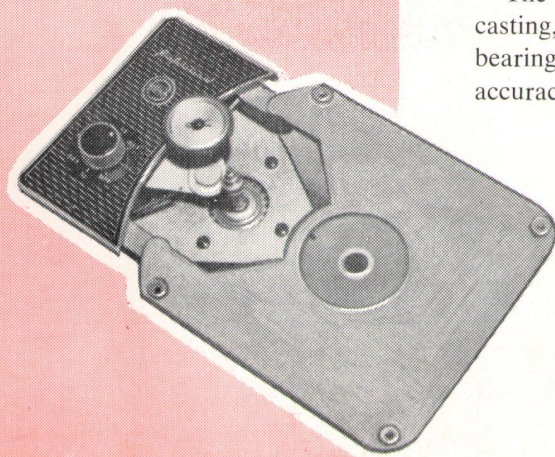
**Robustness**

**Silence**

**Freedom from  
Rumble**

**Low Flutter and  
Wow**

**Easy Speed Change**



Top view of the "Professional" Model with the turntable removed to expose the four step pulley and the rubber idler roller.

This new Rola "Professional" turntable sets new standards of quality and performance. It is a precision built unit, designed with the care and attention to detail associated with every product which carries the Rola marque.

The turntable itself is a ribbed, 4½ pound aluminium casting with a heavy, solid rim for maximum possible rigidity. All exterior surfaces are machined to a high degree of accuracy. The centre is of hardened steel, precision ground and lapped for frictionless and noiseless operation, using methods evolved from many years of exacting tape recorder production.

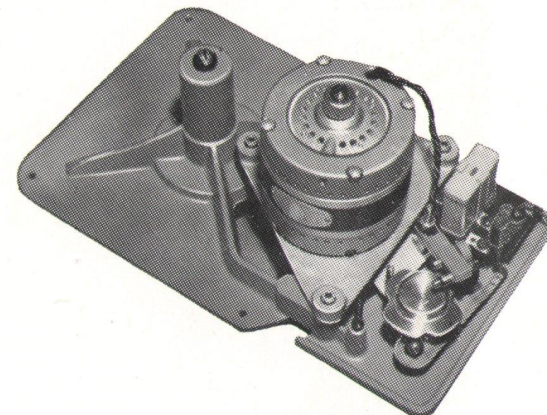
The base plate, a solid aluminium casting, houses a phosphor bronze bearing line — bored and lapped for accuracy and smoothness. A single,

# T U R N T A B L E

Freedom from turntable rumble, flutter and wow are among the outstanding features of this 4 speed Rola turntable which has been designed to meet, at a reasonable price, the stringent requirements of broadcast station use.

precision ball bearing takes the weight of the turntable ensuring operation free from vibration and rumble.

Power is transmitted from a high-torque, synchronous motor, dynamically balanced for smooth, free running. The motor shaft, too, is precision ground and runs in low friction phosphor bronze bearings. The motor is on a fully rubber-floated mounting plate which effectively isolates the main turntable structure. On the end of the motor shaft a matched four-step pulley engages a precision-ground rubber idler roller which runs on the carefully machined inside rim of the turntable. A cunningly devised actuating cam ensures an exceptionally free and easy speed change, while positively located stop positions turn off the motor and disengage the rubber idler between speeds.



Underneath view of the baseplate showing motor mounting and the ingenious speed selection cam.

In the Rola "Professional" turntable, rumble is virtually non-existent and the total flutter and wow is below audible limits.

**AUSTRALIA'S  
FINEST  
PROFESSIONAL TURNTABLE**