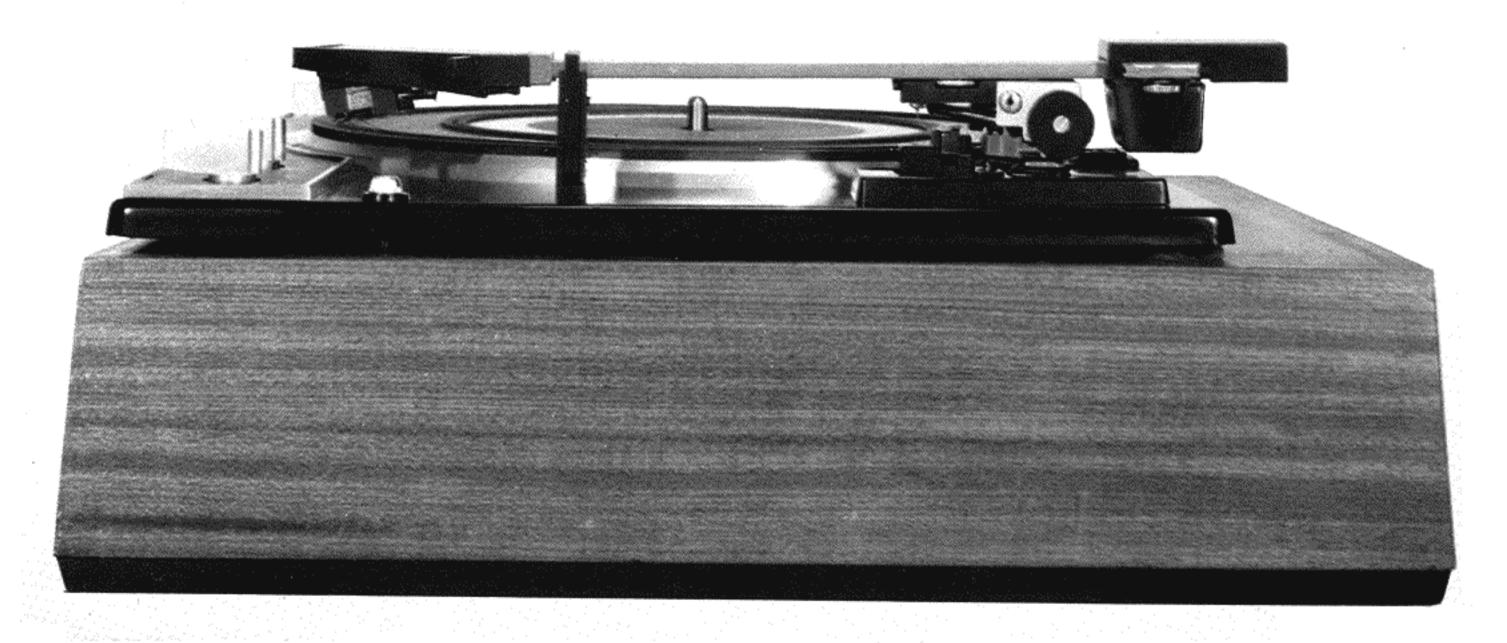
# Just for the record



Garrard Engineering Limited, Newcastle Street, Swindon, Wiltshire. Telephone Swindon 5381



From the original Garrard spring wound gramophone motor to the present outstanding Model 401 Transcription Turntable lies nearly 50 years experience in the design and manufacture of record playing equipment. This wide experience is reflected in the high quality and reliability of all Garrard units, and we present with confidence this brochure covering the current Garrard

A feature comparison chart is provided to enable a ready assessment to be made of the various models. Illustrations of the complete range, together with a brief description and dimensions of each unit, are included. Garrard models are available from your dealer as separate units or fitted in most makes of complete radiograms and record players.

**Pickup Cartridges** 

In order to maintain the slim-line appearance of the pickup arms on the Models 3500 and 2025 TC, clip-in cartridges having a narrow bracket with single hole fixing must be used. Cartridges having suitable brackets are Garrard GCM22-T, GKM24-T and GKS25-T.

Models 1025 and 2025 will accept cartridges with mounting brackets having 2-hole fixing (½" (12 mm) centres) and width not exceeding 0.63" (16 mm).

See price list for those models supplied with pickup cartridge already fitted.

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- Every Garrard Unit is 100% inspected with the latest electronic test equipment to make sure that it conforms to the high standard of quality and reliability for which Garrard are world-wide renowned.
- Each model has been specially designed to meet specific and exacting requirements giving a complete range from the highest quality transcription turntable to the popular priced automatic and single record playing units.
- Leading designers keep Garrard to the forefront in contemporary styling.
- Special durable finishes are used, making every Garrard unit suitable for tropical conditions.
- Garrard units are suitable for mono and stereo reproduction and all automatic turntables have facilities for manual (single record) operation.
- Each unit is supplied with template (giving all dimensions), transit or fixing screws, installation and operating instructions. Spring mountings are fitted to all units except the Model 401.
- Units not supplied with pickup cartridge should be fitted with the cartridge of your choice. For advice, consult your dealer.
- All Garrard models are designed to play records conforming to I.E.C. Publication 98, BS1928:1965, and equivalent national standards.

Note: The actual dimensions of the unit are given and where applicable include the rear and side overhang of the pickup arm.

Clearances required when spring mountings are fitted will be obtained by adding  $\frac{1}{2}$ " (12 mm) to all dimensions. This will give  $\frac{1}{4}$ " (6 mm) clearance all round edge of unit and  $\frac{1}{2}$ " (12 mm) above and  $\frac{1}{2}$ " (12 mm) below allowing unit to float freely and to be clamped for transit.

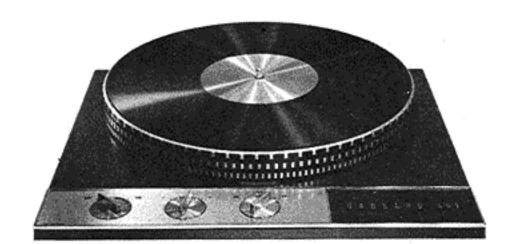
According to the design of cabinet or case, additional clearance may be required for 12" records and for removal of record spindle.

Motors: All units are fitted with precision built Garrard electric motors specially designed to give exceptionally smooth, silent running. Rotors are dynamically balanced to a high degree of accuracy, the shafts are specially hardened and superfinished and the self-aligning bearings are of oil-retaining sintered bronze. Motors for the units described on this leaflet can be of the synchronous, two- or four-pole a.c. induction or battery-operated d.c. permanent-magnet type. The type of motor fitted to each unit is shown on the comparison chart. On induction motors Low Range refers to 100 — 130 volts, High Range to 200 — 250 volts and High and Low Range combines both by means of a voltage changeover block. Units fitted with 4-pole induction and synchronous motors listed as High Range models are also available as Low Range versions to special order. On Models 401, SRP 22 and those with Synchro-Lab motors these ranges are limited to 110 — 125 volts and 220 - 250 volts. Current consumption of induction and synchronous motors ranges from 8 to 12 watts according to the model. Frequency can be either 50 or 60 Hertz which should be specified when ordering. The Garrard battery-operated motor is of robust construction and its speed is controlled by a centrifugal electrical governor. The voltage range is 6.5 V to 9 V d.c. and its average consumption is 50 mA.

# Garrard range feature comparison chart.

Model	Туре			Туре			Turntable					Nur	lmum mber of ords	Sele	cord ize ction		s	pee	ds		R	oitage ange ⊶ note	١:	E	Type Elect Mot	of tric	-			-		Pic	kup A	Arm									1	Reco	1	indle ptors	Las	rge l	Other fea- tures	
	Transcription	Automatic record changer	Single record playing	Ne 7" 178 mm	94″ 216 mm	287	305	Non-magnetic	8	10	12	Manual linked with 3 of speed selector	16 <u>}</u>	331	RPM 45		Variable	Hob	Wolbashin	and the second of the second o	z-poie induction	4-pole Induction	Synchronous	Available with battery motor	Weight	Slide or plug-in pickup head	Low mass arm	Cue and pause facility	Diecast aluminium 5	Tubular sluminium 4	Wood and aluminium 5	Stylus force adjustment	Stylus force cellbration	Bias compensator	Pickup muting switch		High compliance article recommended by the recommendation by the	P 265	Straight stepped with overarm	Stepped with platform	Short manual spindle supplied	Red He Ada	dia.	Spi (Opt	ndle tional ctra)	Switch click suppressor				
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### Model 401



A Transcription Turntable designed to meet the most exacting requirements.

Features include stroboscopic markings around periphery of the turntable illuminated by a high intensity neon lamp, turntable mat of electrically conducting rubber to neutralize the static charge on records while on turntable, speed adjustment of up to  $\pm 3\%$ , double pole switch and cast iron motor casing for magnetic screening.

Each unit supplied with its own individual test report.

Finish: Metallescent Charcoal with chrome relief. Size: 13\frac{2}{3}" (349 mm) wide by 14\frac{5}{6}" (371 mm) front to rear by 2\frac{1}{6}" (54 mm) above and 3\frac{1}{1}\frac{5}{6}" (95 mm) below lower edge of unit plate.

Space must be allowed to accommodate chosen pickup arm.



Designed to meet the demand for a high-quality single record playing unit at moderate cost, this unit incorporates a number of special features including a cue and pause control, calibrated fine stylus force adjustment, pickup arm bias compensation and a large turntable. On completion of playing a record the pickup arm automatically rises, returns to its rest and the motor switches off. Finish: Polychromatic Dark Green and Silver. Size:  $15\frac{1}{16}$ " (383 mm) wide by  $12\frac{1}{2}$ " (317 mm) front to rear by  $2\frac{7}{8}$ " (73 mm) above and  $2\frac{3}{4}$ " (70 mm) below lower edge of unit plate. (See Note).

### Model SRP 22



A compact, inexpensive single record playing unit especially suitable for use in portable equipment, or where space is limited, or in the case of the battery-operated version where mains power supply is not available. The unit automatically switches off when pickup reaches end of record.

Finish: Dark Metallic Grey.

Size:  $11\frac{1}{8}$ " (283 mm) wide by  $8\frac{1}{2}$ " (216 mm) front to rear by  $2\frac{1}{16}$ " (52 mm) above and  $1\frac{1}{16}$ " (43 mm) (2" (51 mm) with battery motor), below lower edge of unit plate.

An extra 1½" (32 mm) may be required on right-hand side, according to cabinet design, to allow for movement of pickup arm to switch on. (See Note).

### Model AP 75

An elegant, three-speed, single record playing unit offering advanced features for the Hi-Fi enthusiast, at reasonable price.

The non-magnetic turntable is recessed into the unit plate and this fact together with the slim depth measurement of the specially designed discast aluminium pickup arm gives the unit an attractive "low-line" look. Many important features are incorporated and include cue and pause facility, calibrated pickup arm bias compensation, calibrated fine stylus force adjustment and a slide-in cartridge carrier.

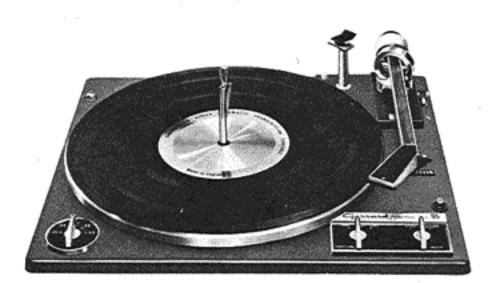
As well as manual control, this unit offers the additional facility of automatic play of single records. A single control lever selects both record size and turntable speed for 12" records (78 rpm), 7" records (45 rpm) and 12", 10" and 7" records (33\frac{1}{3} rpm).

Finish: Black and Silver.

Size:  $15\frac{9}{16}$ " (395.5 mm) wide by  $14\frac{1}{16}$ " (357 mm) front to rear by  $2\frac{5}{8}$ " (67 mm) above and  $2\frac{1}{16}$ " (75 mm) below lower edge of unit plate. (See Note).

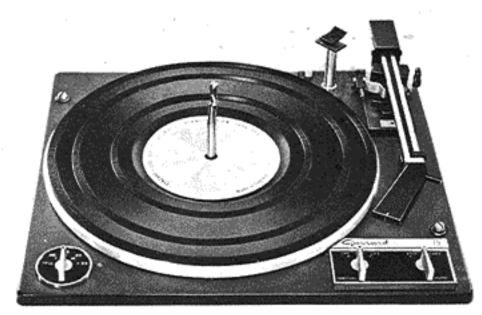


### Model SL 95



Weight counterbalanced pickup arm has gimbal type pivots and a rigid design of pickup arm is achieved by use of a slide-in cartridge carrier. Calibrated pickup arm bias compensation and calibrated fine stylus force adjustment are incorporated and the pickup arm is positively locked on its rest. The retractable record platform can be pushed down out of the way when the unit is used for single play and is released at the press of a button for purposes of automatic play. Further refinements are cue and pause facility. and automatic play of single records. Finish: Polychromatic Dark Green, Black and Silver. Size: 15 5" (389 mm) wide by 141" (359 mm) front to rear by 41" (105 mm) above and 215" (75 mm) below lower edge of unit plate. (See Note).

### Model SL 75



Incorporates the advanced features of the SL 95 but the weight counterbalanced pickup arm is of different design. This is constructed from aluminium and incorporates integral calibrated fine stylus force adjustment and calibrated bias compensation. The slide-in cartridge carrier will accept most makes of cartridges. As for the SL 95 this unit has an aluminium turntable and the combined record speed and size selector sets the unit for playing 12" (78 rpm) records, 7" (45 rpm) records and 12", 10" and 7" (33 $\frac{1}{3}$  rpm) records. Finish: Polychromatic Dark Green, Black and Silver. Size:  $15\frac{9}{16}$ " (395 mm) wide by  $14\frac{1}{16}$ " (357 mm) front to rear by  $4\frac{1}{8}$ " (105 mm) above and  $2\frac{15}{16}$ " (75 mm) below lower edge of unit plate. (See Note).

### Model SL 65



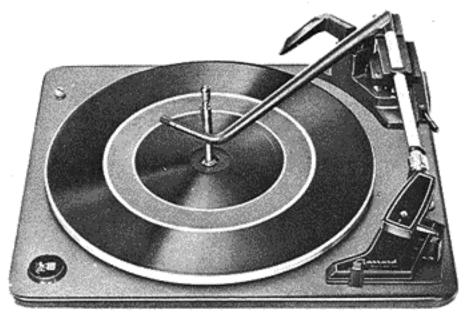
A four speed automatic record changer fitted with a loaded turntable and featuring cue and pause control.

The pickup arm is weight counterbalanced and incorporates calibrated fine stylus force adjustment and bias compensation.

The plug-in pickup shell accepts most makes of cartridges.

Finish: Polychromatic Dark Green and Silver. Size:  $15\frac{1}{16}$ " (383 mm) wide by  $12\frac{1}{2}$ " (317.5 mm) front to rear by  $4\frac{3}{8}$ " (111 mm) above and  $2\frac{1}{16}$ " (75 mm) below lower edge of unit plate. (See Note).

### Model SL 55



The SL 55 features cue and pause control and a tubular pickup arm with adjustable stylus force. The plug-in pickup shell will accept most makes of cartridges.

Finish: Polychromatic Dark Green and Black. Size: 13 \( \frac{15}{6}\)" (354 mm) wide by 11\( \frac{3}{6}\)" (289 mm) front to rear by 4\( \frac{3}{6}\)" (111 mm) above and 2\( \frac{15}{6}\)" (75 mm) below lower edge of unit plate. (See Note).

### **Model 3500**



A precision instrument incorporating a weight counterbalanced, low-mass tubular pickup arm of the latest design, integral calibrated stylus force adjustment and a cue and pause control.

Finish: Black and Silver.

Size:  $13\frac{13}{16}$ " (351 mm) wide by  $11\frac{3}{8}$ " (289 mm) front to rear by  $4\frac{5}{8}$ " (117.5 mm) above and  $2\frac{3}{8}$ " (70 mm) below lower edge of unit plate.

The overarm can be parked along rear of unit plate and an extra 3" (19 mm) clearance at rear may be required.

(See Note).

### **Model 3000**



The low mass tubular pickup arm designed specially for use with high compliance cartridges is a special feature of this unit. This technique enables the actual performance of the cartridge to be obtained unimpaired by the mass or resonance of the arm and the pickup tracking characteristics reduce record wear to a minimum.

Finish: Dark Metallic Grey and Silver.

Size:  $13\frac{1}{2}$ " (343 mm) wide by  $11\frac{3}{8}$ " (289 mm) front to rear by  $4\frac{5}{16}$ " (110 mm) above and  $2\frac{3}{4}$ " (70 mm) below lower edge of unit plate. (See Note).



An exceptionally attractive four-speed record changer with slim tubular pickup arm and cue and pause control; particularly interesting features for a unit in this price range.

The moulded turntable mat is easily cleaned. Finish: Black and Silver.

Size: 13½" (343 mm) wide by 11¾" (289 mm) front to rear by  $4\frac{3}{16}$ " (106.5 mm) above and  $2\frac{1}{8}$ " (54 mm) below lower edge of unit plate.

(See Note).



Meets the demand for a good quality unit at a very moderate price.

Has one piece pickup arm and the large diameter turntable is fitted with an easily cleaned moulded mat. Automatically returns the pickup arm to its rest and switches off when record play is complete. Finish: Black and Silver.

Size: 13½" (343 mm) wide by 11¾" (289 mm) front to rear by  $4\frac{3}{16}$ " (106.5 mm) above and  $2\frac{1}{8}$ " (54 mm) below lower edge of unit plate. (See Note).

**Model 1025** 

A compact automatic turntable giving exceptional value in the low price range.

Has one piece pickup arm and the moulded turntable mat is easy to clean. Battery-operated version available.

Finish: Black and Silver.

Size:  $13\frac{1}{2}$ " (343 mm) wide by  $11\frac{3}{8}$ " (289 mm) front to rear by  $4\frac{3}{16}$ " (106.5 mm) above and  $2\frac{1}{8}$ " (54 mm) below lower edge of unit plate.

(See Note).

### **Bases**

Attractive wood bases are available for certain Garrard units. These bases are constructed from natural wood and have a matt teak finish.

Instructions for fitting the unit to the base are included.

Leads, cord grips and plugs are not supplied; these should be obtained from your dealer to suit individual requirements.

Bases are supplied ready cut out for mounting unit.

Types WB1 and WB5 for Models 1025, 2025, 2025 TC, 3000, 3500, SP 25 Mk II, SL 55, SL 65.

Type WB4 Mk II for AP 75, SL 75, SL 95.

Overall sizes:

WB1 14" (356 mm) x 12\frac{1}{2}" (311 mm) x  $3\frac{3}{16}$ " (81 mm). WB4 Mk II 15" (381 mm) x 15" (381 mm) x  $4\frac{1}{4}$ " (108 mm). WB5 15" (381 mm) x 15" (381 mm) x  $4\frac{1}{4}$ " (108 mm).

### Covers

Rigid transparent, plastic covers are available if required for the above-mentioned bases.

Cover SPC4 Mk II fits both WB4 and WB5 and units can be played with this cover in position.

Cover SPC1 to fit WB1 is designed to protect the unit from dust when not in use only.

Sizes:

SPC4 Mk II 158" (397 mm) wide x 148" (377 mm) front to rear x 478" (113 mm) high.

SPC1 height 43" (111 mm).

## Spindles and Adaptors

For records having 1½" (38 mm) diameter centre hole, large record spindles for automatic and adaptors for manual (single) play are available as indicated on comparison chart.

Adaptors are available for the SL 75 and SL 95 for playing automatically 10" and 7" records having small centre holes.

