

## *Perfection in Reproduction*

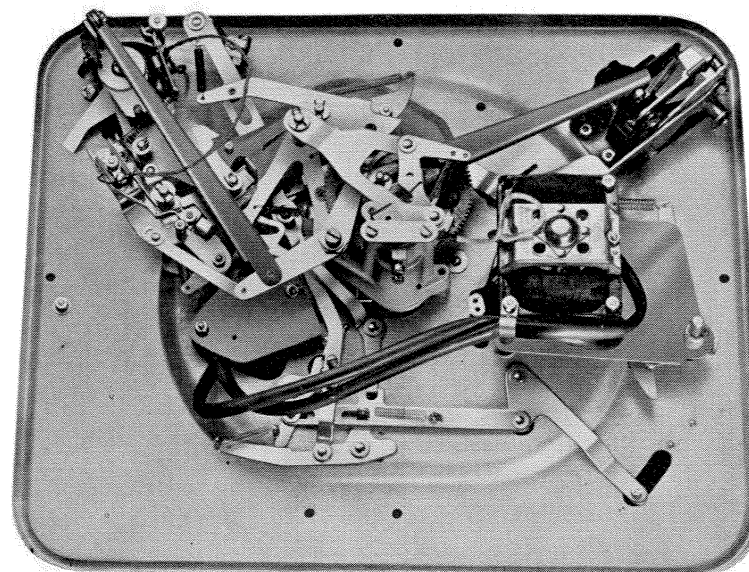
The name of GARRARD is recognised throughout the world as representative of superb British skill in design and manufacture of precision gramophone equipment.

At GARRARD'S Swindon Works engineering craftsmen of the highest order operate the finest precision tools specially designed for their various intricate processes.

All raw materials used in the manufacture of GARRARD UNITS are tested to ensure that they comply with the high quality standards set by GARRARD.

Throughout the years GARRARDS have been pioneers of mechanical progress, and to-day GARRARD TURNTABLE UNITS are acclaimed by leading manufacturers and dealers throughout the world for their consistent reliability and performance.

The spirit of progress is traditional with GARRARD.



## GARRARD AUTOMATIC RECORD CHANGERS

Automatic Record Changers R.C.80 and R.C.75 have similar mechanisms and have been tested to prove their precision in operation. This similarity in design has resulted in the combining of all outstanding developments and features of Garrard design to give the best in Radiogram unit construction.

Both the Garrard Models R.C.80 and R.C.75 Automatic Record Changers are supplied in the following types :—

R.C.80/A.C. } R.C.75/A.C. }	Alternating current only. Dual voltage range 100/130 and 200/250 volts 50 cycles. A motor pulley for 40 or 60 cycles can be supplied if required.
R.C.80/6V. } R.C.75/6V. }	Direct current only, 6 volts 2 amps.
R.C.80/12V. } R.C.75/12V. }	Direct current only, 12 volts 1 amp.
R.C.80/D.C. } R.C.75/D.C. }	Direct current only. Dual voltage range 100/130 and 200/250 volts.
R.C.80/Univ. } R.C.75/Univ. }	Alternating or Direct current. Dual voltage range 100/130 and 200/250 volts D.C. and A.C., 25/100 cycles.



## OUTSTANDING FEATURES

### of the GARRARD Model R.C.80 AUTOMATIC RECORD CHANGER

- ★ Plays up to 10 of all types of records, old and new.
- ★ Three speeds : 78, 45, 33.1/3 r.p.m.
- ★ Easy to set and operate.
- ★ Plug-in or Turnover types of pick-up can be fitted, also most American types.
- ★ Pick-up muting switch eliminates extraneous noises during the changing cycle.
- ★ Safety device prevents changer operating unless loaded with one or more records ; this feature protects the pick-up.
- ★ Pick-up weight 10 grammes, adjustment provided.
- ★ New ultra sensitive auto-trip mechanism. Patent applied for.
- ★ Automatically switches itself off and stops when last record has played.
- ★ Plays 45 r.p.m. records with  $1\frac{1}{2}$ " diameter centre hole the correct way on a large centre spindle ; centre hole adaptors not required.
- ★ Powered by the famous well-tried Garrard Drum-drive motor.
- ★ Any record can be rejected while playing by moving knob to "Reject" position.
- ★ No electrical interference with radio or television while motor is running.
- ★ Heavy loaded turntable to eliminate "Wow".
- ★ Patented spring suspension eliminates mechanical resonance between pick-up and loud-speaker.
- ★ The whole unit is mounted on a strong ribbed steel unit plate finished in a durable grade of enamel, and all levers are specially plated to withstand tropical conditions.
- ★ Interchangeable with previous post-war models.



## AUTOMATIC RECORD CHANGER Model RC80

The Garrard Model R.C.80 Automatic Record Changer is a three-speed unit which will play all the types of records now available, old and new.

It will play batches of 10 records, not mixed, either 10" or 12" at 78 r.p.m. — 7", 10" or 12" at 33.1/3 r.p.m. — 7" at 45 r.p.m.

Supplied complete with two record spindles, one for 45 r.p.m. large hole records ; Instruction and Service Manual ; all fixing screws ; patented spring suspensions all ready for fixing into cabinet.

Minimum cabinet space required is  $15\frac{1}{2}$ " long  $\times$   $13\frac{1}{4}$ " wide, with  $5\frac{1}{4}$ " clearance above and  $3\frac{1}{4}$ " clearance below top of motor board. Units fitted with D.C. or Universal motors require an extra depth of  $1\frac{1}{4}$ ".

The pick-up arm will take the Garrard interchangeable range of plug-in pick-up heads or the Turnover Magnetic or crystal pick-up ; details of these pick-ups will be found on pages 12 and 13. Considering the versatility of this Record Changer in playing all types of records, the setting and operation is remarkably simple :—

- (1) Turn knob to correct speed.
- (2) Move lever, and 7" platform if required, to suit size of record.
- (3) Plug-in correct pick-up or rotate pick-up cartridge to present correct stylus to record.
- (4) Place appropriate record spindle in position.

To operate.—Place any number of records up to 10 (not mixed) on record spindle and switch on. The changer will automatically stop when last record has played.

The mechanism will not operate unless the changer is loaded with one or more records ; this is a safety feature to prevent damage to the pick-up.



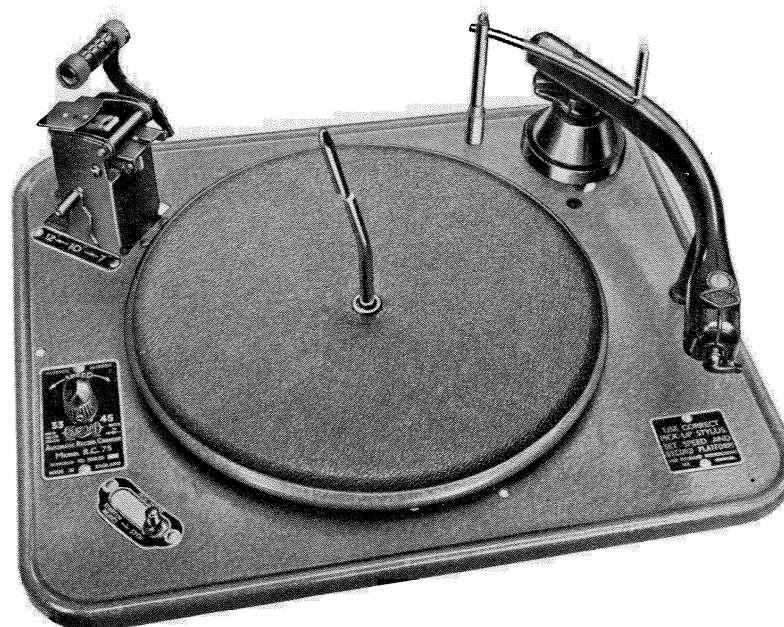
## OUTSTANDING FEATURES

of the

### GARRARD Model R.C.75

### AUTOMATIC RECORD CHANGER

- ★ Plays up to 10 records 7", 10" or 12" at 78, 45 or 33.1/3 r.p.m.
- ★ Special Record Spindle available for 45 r.p.m. records having a  $1\frac{1}{2}$ " diameter centre hole.
- ★ Easy to set and operate.
- ★ Lightweight bakelite pick-up arm fitted with turnover magnetic or crystal pick-up.
- ★ Pick-up muting switch eliminates extraneous noises during the changing cycle.
- ★ Safety device prevents changer operating unless loaded with one or more records ; this feature protects the pick-up.
- ★ Pick-up weight 10 grammes, adjustment provided.
- ★ New ultra sensitive auto-trip mechanism, patent applied for. Automatically switches itself off and stops when last record has played.
- ★ Powered by the famous well-tried Garrard Drum-drive motor.
- ★ Any record can be rejected while playing by moving knob to "Reject" position.
- ★ No electrical interference with radio or television while motor is running.
- ★ Heavy loaded turntable to eliminate "Wow".
- ★ New-type plastic turntable covering giving a firm grip and durable surface which can easily be kept dust-free.
- ★ Patented spring suspension eliminates mechanical resonance between pick-up and loud-speaker.  
The whole unit is mounted on a strong ribbed steel unit plate finished in a durable grade of enamel, and all levers are specially plated to withstand tropical conditions.  
Interchangeable with previous post-war models.



## AUTOMATIC RECORD CHANGER

### Model R.C.75

The Garrard Model R.C.75 Automatic Record Changer, in mottled enamel finish, is a three-speed unit which will play all available types of records, old and new. It will play batches of 10 records (not mixed), either 10" or 12" at 78 r.p.m., 7", 10" or 12" at 33.1/3 r.p.m., and 45 r.p.m. large hole records, using Garrard special record spindle (See page 15.)

The turn-table speed and record sizes are easily set and the whole unit is supplied complete with Instructions and Service Manual, together with all fixing screws and patented spring suspensions, all ready for immediate fitting into the cabinet. The minimum cabinet space required is  $15\frac{1}{2}$ " long  $\times$   $13\frac{1}{4}$ " wide, with  $5\frac{1}{4}$ " clearance above and  $3\frac{1}{2}$ " clearance below top of motor board. Units fitted with D.C. or Universal motors will require an extra depth of  $1\frac{1}{2}$ ". The light-weight bakelite pick-up arm has the head integral with it and is fitted with an optical indicator (patent applied for), using the Garrard turnover magnetic or crystal pick-up as desired.

Details of these pick-ups will be found on pages 12 and 13. The Garrard R.C.75 Record Changer is a beautiful, silent-running unit, constructed to the Garrard specification of precision engineering and designed to give many years of trouble-free service.

