

Garrard

R.C.88
MARK II

Instruction Leaflet

THE GARRARD ENGINEERING AND MANUFACTURING CO. LTD.

SWINDON - WILTSHIRE - ENGLAND



Garrard

R.C.88 Mk. II

Introduction

The Garrard R.C.88 Mark II has been designed to play records singly, at the same time having the advantage of being able to play a number of records automatically when desired.

Its styling is ultra modern and special attention has been given to detail, ensuring the best possible performance.

As the owner of this Garrard R.C.88 Mark II, you have a unit whose performance is supreme in its class and rigorous laboratory checks have been applied to your unit to ensure that this high standard is maintained.

This leaflet has been prepared to help you enjoy and maintain the high performance of which this unit is capable.

Should you require any further information or advice not covered by this leaflet, please do not hesitate to ask your nearest Garrard agent or write to our Technical Service Department, Newcastle Street, Swindon, who will be pleased to help you.

Operation

The Garrard R.C.88 Mark II will play records manually, or any number up to 6 of the same size and speed, automatically. It will play 7", 10" and 12" records at 16 $\frac{2}{3}$, 33 $\frac{1}{3}$, 45 or 78 r.p.m.

Supplied with a short record spindle and 7" record centre for playing records manually, also a sloping stepped and a large record spindle for playing records automatically.

To operate for manual play:—

1. Set correct stylus for type of record to be played.
2. Move speed change control to correct speed.
3. Place short record spindle in position, also record centre if playing 45 r.p.m. records.
4. Move record platform to rear position.
5. Place record on turntable, switch on by "manual" control and place pickup on record.

To operate for auto play:—

1. Proceed as for 1 and 2 above.
2. Place stepped or large record spindle in position according to type of record to be played.
3. Set record platform rear position for 12" and forward position for 10" records. For 7" records, platform position is immaterial.
4. Place any number of records up to 6 of the same size and speed on record spindle and switch on by "Auto" control.

Reject

To reject a record being played, move the Auto Control to "Reject." The pickup will immediately rise and return to its rest position and the motor switch off when playing one record. On "Auto" the next record will drop and the pickup will continue to play.

Stop

To stop (leaving the pickup on the record) move the Manual Control to "Off." The pickup will continue to play the same record on using the same control to switch "On." This is useful for temporary stops such as when answering the telephone. To stop the unit with the pickup on its rest, move the Auto Control to "Off." The pickup will immediately rise, return to its rest and the unit switch off.

Maintenance

The motor and intermediate wheel bearings are of the oil retaining type and rarely need lubricating. When the need for oil is apparent, hold the intermediate wheel away from contact with the motor pulley and lubricate the top motor bearing with a fine grade of machine oil; that used for sewing machines is suitable. Also lubricate the intermediate wheel bearing, the bearing in the top of the turntable spindle and, very occasionally, the bottom motor bearing. Remove all traces of surplus oil before running and make sure that the motor pulley, running surface of the intermediate wheel and inside of turntable rim are clean and free from oil.

To remove Turntable

Remove the retaining clip and lift with equal pressure on diametrically opposite sides. If difficulty is found insert the manual record spindle and give it a light downward tap with a piece of wood, such as the handle of a screwdriver, while lifting the turntable.

The turntable should be replaced with unit in switched off position.

Installation

Dimensions

The R.C.88 Mark II is 15" long by 12 $\frac{1}{4}$ " back to front by 2 $\frac{5}{8}$ " below and 5 $\frac{3}{4}$ " above top of motor board. An additional $\frac{1}{4}$ " on the height and all round the edges are required to permit unit to freely float on its suspension springs.

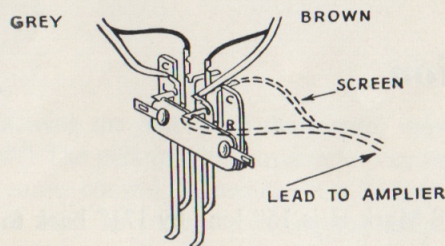
Fitting

The motor board should be drilled and cut out to the template supplied. Do not moisten the template as it may distort, but fix it with self-adhesive tape.

Having opened the carton, remove cardboard packing and accessories. Lift out unit with fingers under the back and front edge of unit plate. Remove all string and elastic bands. The spring suspensions assembled to the unit are designed for boards $\frac{1}{2}$ " thick or less. Should the board be thicker than $\frac{1}{2}$ ", the four holes should be recessed underneath $1\frac{1}{4}$ " diameter to give a maximum of $\frac{1}{2}$ " thickness. If not already fitted, connect a power supply lead to the connecting block. The motor should be earthed by connecting a lead from a good earthing point to the earthing tag located at the rear of plate holding connecting block.

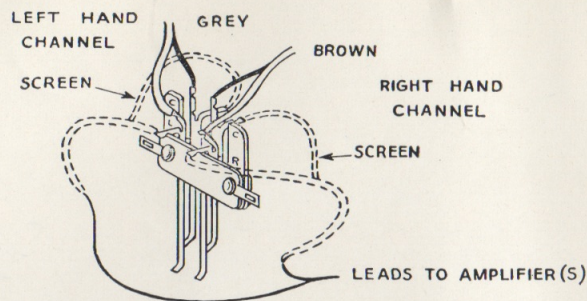
Place unit in position over motor board with the flat springs of the spring suspension resting over the $\frac{3}{4}$ " dia. holes and press downward. The flat springs will clip into position.

When finally installed the unit should be levelled by placing a spirit level on the turntable and turning the mounting screws clockwise to lower the unit and counterclockwise to raise it.



Connections for Monophonic Pickups

Diagram One



Connections for Stereophonic Pickups

Diagram Two

Before shipping, the transit screws (copper plated for identification) should be used to hold the unit firmly to the motor board.

Use the fibre washers under the screw heads to prevent marking plate. These screws must be removed before operating the unit.

Voltage and Frequency

The Garrard R.C.88 Mark II is made as two versions. The dual voltage model is suitable for 100/130 volts and 200/250 A.C. The other model is for 100/130 volts A.C. only. Both may be used on 50 or 60 cycles according to the size of motor pulley supplied.

The motor pulleys are colour-finished for easy identification, Nickel for 50 and Brass for 60 cycle power supply.

When ordered for use on either of these frequencies the correct pulley will be fitted.

The motor should be earthed by connecting a lead from the earthing tag, located on rear of bracket holding the connecting block, to a good earthing point.

If the unit is connected to an amplifier with its wiring not isolated from the power supply, isolating components, condensers or transformers should be incorporated in the pickup circuit, otherwise the pickup circuit can become live. If in doubt, consult your radio dealer.

