



Operating Instructions

P204

This BSR unit will play automatically or manually 7", 10" or 12" records individually at 78, 45 or 33 r.p.m.

Initial Preparation

1. Check that the two transit screws are fully screwed down to the mainplate and that the unit floats freely on the mounting springs.
2. Fit pickup weight in order to give correct stylus pressure (see adjustments 1.).
3. Insert spindle into turntable bearing.
4. Release manual pickup clip.
(The automatic pickup clip is released when the starting lever is operated).

Automatic Operation

1. Place record on turntable.
2. Select speed, record size and stylus to suit record.
3. Move starting lever to 'AUTO' and allow it to return gently to 'ON'. The pickup arm will automatically set down on the record. At the end of the record the pickup arm will return to the rest and the unit will switch off automatically.
4. To stop. After playing the record the unit will shut off automatically. If it becomes necessary to stop the unit during play, raise the cueing lever and move the pickup arm above the pickup rest, lower the cueing lever and move the starting lever to the 'OFF' position.
NOTE: To interrupt the record raise the cueing lever to lift the pickup arm. When the cueing lever is lowered, the pickup will descend to the record and resume playing in the same groove.

Manual Operation

1. Place record on turntable.
2. Select speed, record size and stylus to suit record.
3. Move the starting lever to 'ON' and raise the cueing lever. Move the pickup arm above the selected point on the record and lower to the groove by returning the cueing lever to the lowered position. At the end of the record, the pickup arm will return to the rest and the unit will switch off automatically; alternatively, after switching the starting lever to 'ON' the pickup arm may be lifted by the finger lift and placed in any desired position on the record.
4. To stop. The procedure for stopping a record while playing is as described in paragraph 4 under 'Automatic Operation'.

IMPORTANT

1. Always remember to use the correct stylus on the pickup. If the wrong one is in use it may not be apparent from the music; however, the stylus itself may become damaged by continuous playing on the wrong point.
2. Never force the pickup arm. This unit is robust, but due to the featherweight action of the pickup and the delicate balance required, any force will upset the adjustment.
3. When playing new records a certain amount of fluff will gather on the stylus point. This should be carefully removed from time to time.
4. Do not leave records on the unit when not in use; store as recommended by the manufacturers.

5. If the unit is to be moved, the transit screws should be raised to secure the unit to the motor board. Secure pickup arm to the rest with the manual pickup clip.

ADJUSTMENTS

This unit has been subjected to the most rigorous checks and tests before leaving the factory, where all necessary adjustments have been made to ensure satisfactory playing of records. The following information is provided, should it become necessary to make any minor adjustments.

1. **Stylus Set Down.** The correct position for stylus set down is $\frac{1}{8}$ " from the edge of a record. The position is adjusted by turning set down adjusting screw clockwise to move it nearer to the edge of the record and anti-clockwise to move it further away from the edge of a record.
2. **Pickup Arm Height.** The pick-up arm height is correctly set when the underside of the pickup tube clears the top of the pickup rest $\frac{1}{16}$ " when the arm is returning to the rest as the unit cycles. To adjust, proceed as follows:
 - (a) Place a 12" record on turntable.
 - (b) Move starting lever to 'AUTO' and release.
 - (c) Rotate turntable clockwise by hand until stylus sets down on record.
 - (d) Lift pickup arm and replace stylus in finishing groove at end of record.
 - (e) Rotate turntable clockwise by hand, the pickup arm will now lift and return towards the rest.
 - (f) To raise pickup arm, turn height adjusting screw anti-clockwise; to lower, turn clockwise.

Note

The pickup arm on this unit is balanced to give the correct stylus pressure for the cartridge fitted. Any replacement cartridge must be of the same type or be of equivalent weight and stylus pressure.

