

BSR P182

This BSR will play automatically or manually 7", 10" or 12" individually at 78, 45 or 33 rpm.

Initial Preparation

1. Check that the two transit screws are fully screwed down to the main-plate 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 match 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 lifting lever and move the starting lever to the "OFF" position.

NOTE: To interrupt the record raise the lifting lever to lift the pickup arm. When the lifting lever is lowered, the pickup will descend on the record and resume playing in the same groove.

Manual Operation

1. Place record on turntable
2. Select speed, record size and stylus to match record.
3. Move the starting lever to "ON" and raise the lifting lever. Move the pickup arm above the selected position on the record and lower to the groove by returning the lifting lever to the lower 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 on 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 pint. 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 test 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 Pressure.** Units normally leave the factory with the pickup weight removed and the weight stop secured to the tube in such a position that when the pickup weight is fitted against the weight stop, as illustrated, the correct stylus pressure is achieved. The stylus pressure should always be set as recommended by the cartridge manufacturer. It can only be checked accurately by using a stylus pressure gauge. On this unit the stylus pressure is adjusted by moving the pickup weight and weight stop closer to the end of the tube to reduce the pressure and further away from the end of the tube to increase the pressure. Both the weight and the weight stop have locking screws which must be loosened before, and tightened after, re-positioning either one of them.
2. **Stylus Set Down.** The correct position for stylus set downs is 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.
3. **Pickup Arm Height.** The pickup arm height is correctly set when the underside of the pickup tube clears the top of the pickup rest 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.

