

IF DIFFICULTIES ARE EXPERIENCED

Provided the instrument has been installed and operated as described above, it should give entire satisfaction. Should you require further information on installation or operation, the Philips Appointed Dealer from whom it was obtained will be able to help you. If at any time a fault develops in the instrument, he will be able to assist, supported where necessary by the full resources of our Service Department.

If, for any reason, you cannot go to your original Philips Dealer, we shall be glad to advise you of the name and address of another.

BRITISH RADIO VALVE MANUFACTURERS' ASSOCIATION



Guarantee

The B.V.A. valves used in this instrument are guaranteed by the valve manufacturer for a period of three months from the date of purchase. This guarantee is only given in respect of faulty workmanship and material and does not cover misuse or consequential damage.

Claims under this guarantee will only be considered if the valve is returned to the valve manufacturer, preferably through the radio dealer from whom the instrument was purchased, supported by proof of the date of purchase of the instrument as issued by the Set Maker.

To ensure proper examination the right is reserved to break open any valve, if necessary, without obligation to return or replace.



PHILIPS ELECTRICAL LTD.
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PG.006.56.0

IMPORTANT.—Please see that a Guarantee Card is supplied to you with this instrument. The tear-off portion of the card should be returned, as addressed, within seven days. The remainder should be retained for production to the dealer in the event of the instrument requiring service. Please see that the entries on the card are complete and correct.

Operating Instructions

PHILIPS Record Player with Amplifier Type AG2121

Suitable for A.C. mains 110-150 and 200-250 volts,
50 c.p.s.

GENERAL

This portable electric gramophone will play all standard speeds and sizes of record.

PREPARATION FOR USE

This instrument is sent out adjusted for 245 volts. If this is not the voltage nearest to that of your supply, lift up the voltage adjustment disc and turn it until the voltage nearest to that of your supply is close to the arrow. The disc should then be pushed firmly home.

The mains lead has three cores; the red and black leads should be connected to an ordinary mains plug and the green lead should be connected to a good earth point, or the third pin of a three-pin plug.

CONTROLS (See Figure 1)

ON/OFF SWITCH AND VOLUME CONTROL

Rotation of the knob in a clockwise direction first switches on the instrument and then increases the volume of sound.

TONE CONTROL

This control is continuously variable and in a clockwise direction gives the full high-note response, which is progressively reduced by movement of the knob in the anti-clockwise direction.

SPEED SELECTOR LEVER

The turntable speed corresponds with the setting of the lever. The lever also has an "off" position marked "O." The lever should be placed in this position when the instrument is not in use, during transit and when it is desired to remove or replace the turntable.

AUTO STOP LEVER

This adjustment makes it possible to set the player to accommodate all standard sizes of record. This lever should be turned in a fully clockwise direction before attempting any adjustment. The record which it is desired to play should be placed on the turntable and the motor should be started by gently swinging the pick-up arm back away from the turntable. The pick-up arm should then be held over the beginning of the run-off groove of the record and the auto stop lever turned in an anti-clockwise direction until the motor stops. The adjustment is now correct for this record.

By noting the position of the pointer against the marking, this adjustment can be pre-set for other records.

PICK-UP HEAD

The crystal pick-up head supplied (type AG3010) has two styli, one for microgroove records (33½ and 45 r.p.m.) and one for normal groove records (78 r.p.m.).

When operated with the large green dot (N) opposite the centre line of the pick-up arm, it is adjusted for playing records with the standard type of groove (78 r.p.m.). When adjusted so that the small red dot (M) is opposite the centre line the pick-up is adjusted for micro-

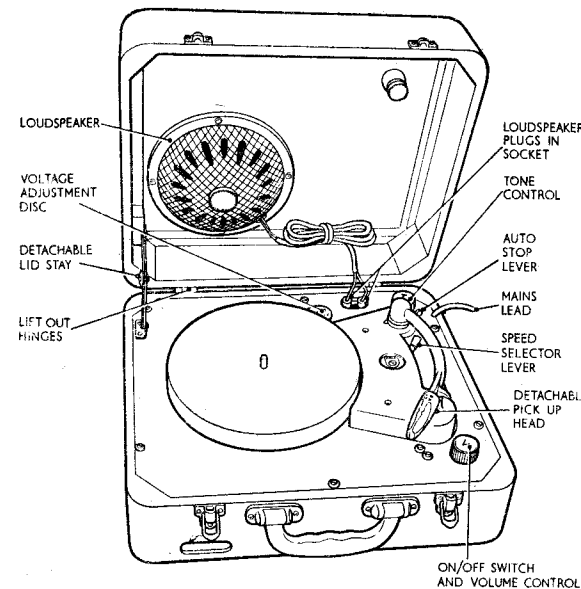


FIGURE 1

groove recordings. The pick-up head supplied with this instrument will play hundreds of recordings before either of the sapphire styli show any signs of wear.

The unit is replaceable and can be withdrawn by pulling it off the pick-up arm. New pick-up heads may be obtained from your local dealer.

An adaptor is provided for playing 45 r.p.m. records with the large centre hole.

OPERATION

When the adjustments above have been carried out correctly the instrument is ready for use. The lid is detachable and the instrument may be played with the lid on or off. The quality is best with the lid off and placed across the corner of the room.

Check that the speed is set correctly and that the pick-up head has been rotated so that it is set to play the required type of record. The volume and tone controls should be set about half way. Gently swing the pick-up arm out away from the turntable and the turntable will start to revolve. (There is no appreciable mechanical click as the motor switches on.) Place the pick-up head on the outer groove of the record and adjust the volume and tone controls to give the desired reproduction.

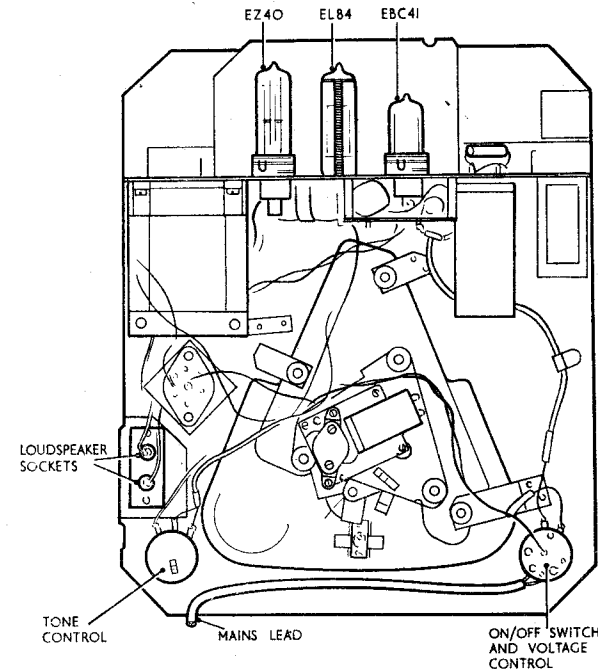


FIGURE 2

PACKING UP AFTER USE

Switch off the On/Off switch and volume control by turning it fully anti-clockwise. Remove the mains plug from the socket.

Return the pick-up arm to the rest. Place the speed selector lever in the "O" position. Replace the lid, in which elastic loops are provided for stowing the leads.

When the lid is shut the pick-up arm is held by a felt pad. For additional security, if the instrument is to be carried far, the pick-up arm may be secured by a piece of thin string threaded through the hole in the pick-up arm rest.

ALTERNATIVE LOUDSPEAKER

An alternative loudspeaker may be connected to the sockets provided (see Fig. 1) in place of that provided. Any reliable make of permanent magnet loudspeaker suitable for use with a 5 to 7 ohms input should be found satisfactory.

VALVES

The valves supplied with this instrument are as follows:—

1 Mullard EBC41	Amplifier
1 Mullard EL84	Output
1 Philips EZ40	Rectifier

The correct positions of these valves are shown in Figure 2.

To replace a valve:—

- (1) Disconnect instrument from the mains.
- (2) Place speed selector lever in "O" position.
- (3) Secure the pick-up arm to its rest and preferably remove the pick-up head.
- (4) Remove the lid and turntable.
- (5) Remove the six screws holding the baseboard and lift the chassis out.
- (6) The valves are now accessible.