

FIVE-VALVE portable record reproducer, which can be fitted with legs if required. The model has a five-stage, push-pull amplifier, three-loop feedback chain, 20dB feedback over main loop, two speakers and provision for 3 ohm or 15 ohm extension speaker. There is a pilot light at the front.

Date released. August, 1957.

Price at date of release, with legs £29 9s. 3d. plus £11 9s. 9d. purchase tax; total, £40 19s.; without legs, £27 19s., plus £10 18s. purchase tax; total, £38 17s.

Maker. Decca Radio and Television, 1-3 Brixton Road, London, SW9.

Service department. 1-3 Brixton Road, London, SW9.

Controls. Volume control/on-off, bass and treble at side of cabinet.

Speakers. 8 x 5in. elliptical; 4in. treble unit.

Output. 8 watts.

Mains. 100-125V, 200-250V 50c/s AC supplies.

Consumption. 75 watts.

Auto-changer. Garrard or Collaro.

Pick-up. Acos Hi-G GP 59-1 turnover crystal.

Sapphire Styl. SK1 (green spot) 78rpm; SK2 (red spot) microgroove.

Indicator lamp. 6.3V 0.3A MES fitting.

DISMANTLING

Removal of chassis requires the removal of front and rear sloping panels, secured with wood screws. The wood screws holding motor board should also be withdrawn and mains leads disconnected from motor terminal box. After which, pull out the motor board and remove the three-pin plug from amplifier. Also disconnect mains leads from three-pin mains socket.

Next, unscrew fixing nut for extension speaker socket with a box-spanner—but is on rear outside of cabinet. Withdraw wood screw securing pilot light bracket. Disconnect speaker leads, tape exposed motor leads, slacken amplifier fixing screws and then pull amplifier clear of cabinet.

SERVICE NOTES

Output transformer tertiary winding was not provided on the first 1,000 models, negative feedback being taken from point C on secondary winding of T1.

C17 on earlier models is not enclosed in a large electrolytic can with C6, C12, but is a separate capacitor (see underside layout).

Voltage readings on circuit were taken with an Avo model 8 under no-signal conditions.

Continued overleaf

COMPONENT RATINGS

Capacitors—

350V: C2 7 11 13 16.

Electrolytic 350V: C6 12 17.

Electrolytic 50V: C14 18.

Electrolytic 25V: C9.

Resistors—

4watt: R29.

1watt: R11.

½watt: R10 14 21 22.

Close tolerance: R24 25 27 28.

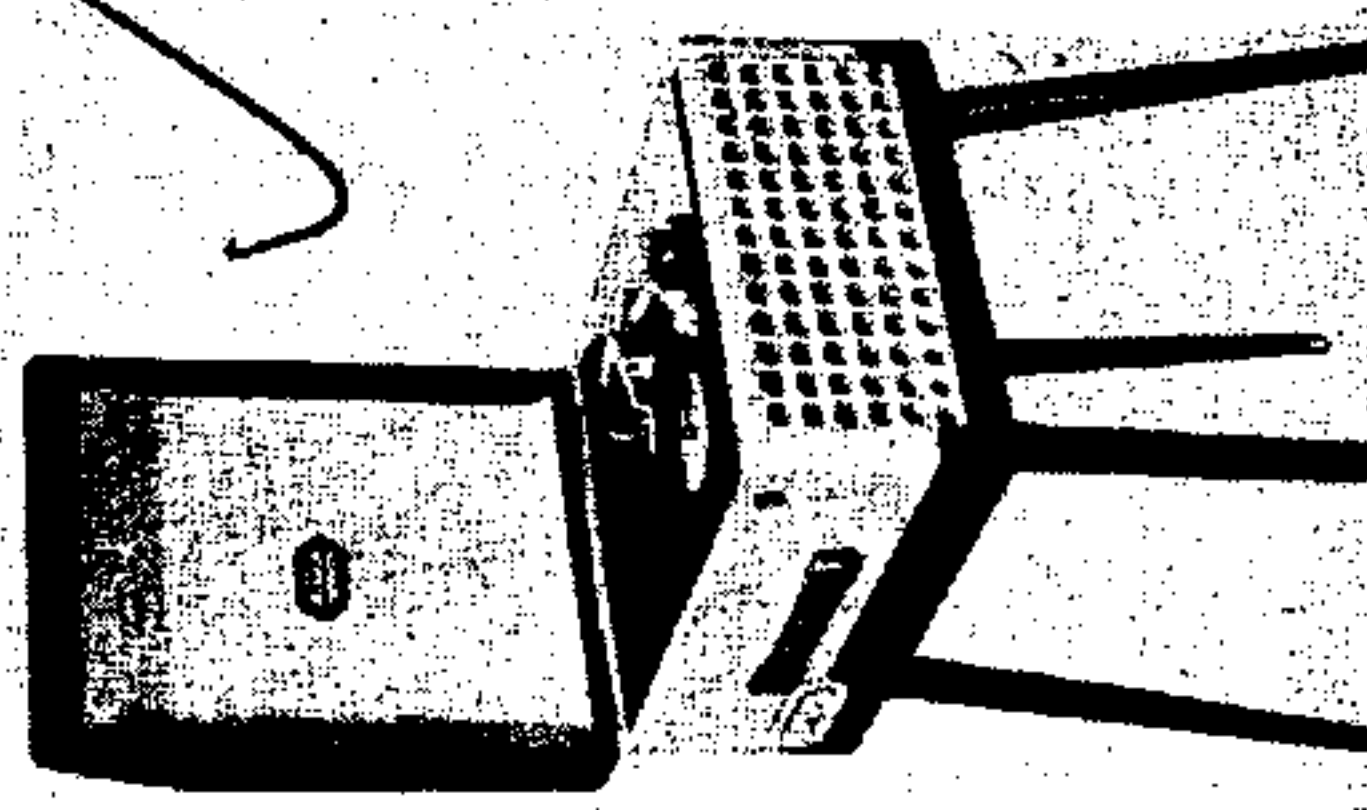
All others ½watt.

Potentiometers—

VR1, VR2, VR3.



Met dank aan René Daemen



VOLTAGE READINGS TAKEN WITH AVO MODEL 8 UNDER NO SIGNAL CONDITION.

