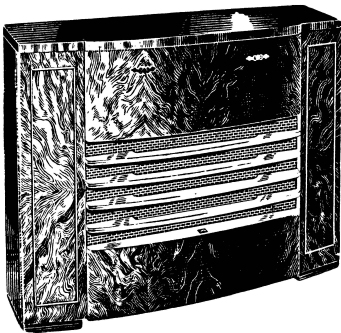


682 - 3501



MODEL DATA SHEET
for
"HIS MASTER'S VOICE"
MODEL 81 - 47



This model is a 7-valve A.C. mains-operated console radiogram, covering the medium-wave band and three bandspread short-wave bands. It incorporates a three-speed automatic record changer.

POWER SUPPLY:

200 to 250 volts at 50 c.p.s.

DIMENSIONS:

	Packed	Unpacked
Width	54in.	49in.
Height	43in.	38in.
Depth	23in.	17in.

WEIGHT:

Gross	310 lbs.
Nett	181 lbs.

TUNER AND AMPLIFIER CHASSIS:

For servicing information, refer to Service Manual
Part No. 682-3481, for Chassis Type 81.

RECORD CHANGER:

Garrard type RC90. For servicing information,
refer to appropriate Garrard "Installation,
Operation and Service Instructions" Manual.

SPEAKER:

Rola 12UX. Permagnetic 12in. Impedance: 8.4
ohms at 400 c.p.s.

In this model the speaker is incorporated in a
vented enclosure which is acoustically tuned.
After servicing, the enclosure back should
always be tightly screwed into place.

EQUALISER (P.U.) is incorporated in the chassis.

SPARE PARTS (Other than those shown in Chassis
Manual):

Cabinet—Walnut	192-0571
Cabinet—Mahogany	192-0572
Mechanism—Record Changer, RC90	558-0521
P.U. Cartridge with styli	211-0061
P.U. Cartridge less styli	211-0121
Stylus, standard (GC2/3)	611-0241
Stylus, microgroove (GC2/1)	611-0251
Speaker	831-0331

SEE OVERLEAF FOR DISMANTLING PROCEDURE

DISMANTLING PROCEDURE

Model 81 - 47

1. REMOVAL OF CHASSIS (Both Power Amplifier and Tuner) :

Note: It is necessary to remove Power Amplifier Chassis before Tuner Chassis is accessible.

- (a) Remove the Power plug from the supply mains socket.
- (b) Unscrew and remove section of the cabinet back immediately behind the Radio and Record Changer compartments.
- (c) Withdraw the five plugs, namely: Speaker (two-pin, round), Indicator Lamp (two-pin, round), Tuner Power Supply (Octal), Motor (two-pin, flat), and Mains Switch (two-pin, flat), from the back of the Amplifier Chassis, and the Input plug (two-pin, round) from the deck of the Amplifier Chassis.

Note: It is important when replacing the two two-pin flat plugs that the colour coding (i.e., P.V.C. Tubing and colour spot on Chassis) be observed.

- (d) Remove the two screws securing the rear flange of the Amplifier Chassis and slacken off the two screws securing the front flange.

The Power Amplifier may then be removed.

- (e) Withdraw the Tape Plug (two-pin, round) if connected, and the Pick-up plugs from the back of the Tuner Chassis, and disconnect the Aerial and Earth leads from the Spring Terminals.

- (f) Remove the special nut securing the rear flange of the Tuner Chassis and the two screws fixing the brackets at the top of the dial back plate to the Cabinet.

The Chassis may then be withdrawn by sliding along the metal runners fixed to the sides of the Radio fall.

Note: It is not necessary to remove the control knobs when removing the Chassis from the Cabinet.

2. REMOVAL OF RECORD CHANGER :

- (a) Remove the Power plug from the mains supply socket.
- (b) Unscrew and remove that portion of the Cabinet back immediately behind the Radio and Record Changer compartments.
- (c) Disconnect the Motor plug from the Amplifier Chassis and the Pick-up plugs from the Tuner Chassis.
- (d) Unscrew the four Record Changer mounting screws (one located approximately centre of each edge of the changer) until free of the retaining springs.

The Record Changer may then be removed from the cabinet.

3. REPLACEMENT OF INDICATOR LAMP :

- (a) Remove the Power plug from the mains supply socket.
- (b) The Indicator Lamp holder is a slide fit on its mounting bracket, which is located under the centre-front of the cabinet.
- (c) Slide the Lamp holder (toward the back of the cabinet) from the mounting brackets, remove the shield, and replace the defective lamp with a 6.3 volt, .25 amp. miniature screw-cap base lamp.

Note: When replacing the lamp shield, the opening along the length of the tube should be placed uppermost to prevent light showing from underneath the cabinet.