HIS MASTER'S VOICE R53B, R43B

RESISTORS

R1	50,000 ohms ± 10% ½ watt
R2	25,000 ohms ± 10% 1 watt
R3	25,000 ohms ± 10% 1 watt
R4	30,000 ohms ± 10% 1 watt
R5	50,000 ohms ± 10% ½ watt
R6	1,000 ohms ± 10% 1 watt
R7	100,000 ohms ± 10% ½ watt
R8	20 ohms ± 10% ½ watt
R9	50,000 ohms ± 10% ½ watt
R10	100,000 ohms ± 10% 1 watt
R11	2 megohms ± 10% ½ watt
R12	1 megohm ± 10% ½ watt
R13	25,000 ohms ± 10% 1 watt
R14	150,000 ohms ± 10% 1 watt
R15	10,000 ohms ± 10% ½ watt
R16	2 megohms ± 10% ½ watt
R17	500 ohms ± 10% ½ watt
R18	300,000 ohms ± 10% 1 watt
R19	250,000 ohms ± 10% ½ watt
R20	100,000 ohms ± 10% 1 watt
R21	100,000 ohms ± 10% ½ watt
R22	100,000 ohms ± 10% ½ watt
R23	20,000 ohms ± 10% ½ watt
R24	50,000 ohms ± 10% ½ watt
R25	50,000 ohms ± 10% ½ watt
R26	500,000 ohms ± 10% ½ watt
R27	1,000 ohms ± 10% ½ watt
R28	100 ohms ± 10% ½ watt
R29	600 ohms ± 10% ½ watt
R30	700,000 ohms ± 10% 1 watt
R31	200,000 ohms ± 10% 1 watt
R32	500,000 ohms ± 10% ½ watt
R33	50,000 ohms ± 10% ½ watt
R34	170 ohms ± 5% 3 watt
R35	1,000 ohms ± 10% 1 watt
R36	100 ohms ± 10% ½ watt
R37	100,000 ohms ± 10% ½ watt

CAPACITORS

C1	100 pF. ± 10%
C2	3 pF. ± 1 pF.
C3	10 pF. ± 10%
C4	50 pF. ± 10%
C5	0.05 mF. ± 20% 200V. wkg.
C6	0.05 mF. ± 20% 400V. wkg.
C7	425 pF. ± 5 pF.
C8	.0045 mF. ± 2½%
C9	150 pF. ± 10%
C10	100 pF. ± 5%
C11	0.25 mF. ± 20% 400V. wkg.
C12	24 mF. 525 P.V. Electrolytic
C13	100 pF. ± 10%
C14	100 pF. ± 5%
C15	0.02 mF. ± 20% 600V. wkg.
C16	0.05 mF. ± 20% 400V. wkg.
C17	10 pF. ± 10%
C18	100 pF. ± 5%
C19	100 pF. ± 10%
C20	50 pF. ± 10%
C21	50 pF. ± 10%
C22	100 pF. ± 5%
C23	0.1 mF. ± 20% 200V. wkg.
C24	0.01 mF. ± 20% 600V. wkg.
C25	50 mF. 40 P.V. Electrolytic
C26	0.25 mF. ± 20% 400V. wkg.
C27	500 pF. ± 10%
C28	0.1 mF. ± 20% 400V. wkg.
C29	.004 mF. ± 10%
C30	0.05 mF. ± 20% 200V. wkg.
C31	16 mF. 525 P.V. Electrolytic
C32	0.03 mF. ± 20% 400V. wkg.
C33	0.015 mF. ± 20% 400V. wkg
C34	0.008 mF. ± 10%
C35	0.004 mF. ± 10%
C36	400 pF. ± 10%
C37	800 pF. ± 10%
C38	0.0015 mF. ± 10%
C39	0.003 mF. ± 10%
C41	50 mF. 40 P.V. Electrolytic
C42	24 mF. 600 P.V. Electrolytic
C43	0.1 mF. ± 20% 400V. wkg.
C44	0.05 mF. ± 20% 400V. wkg.
C45	50 mF. 40 P.V. Electrolytic
C46	0.002 mF. ± 10%

MISCELLANEOUS

VC1-2	Capacitor—2-Gang Variable
L1-2	Coil—M/W Aerial
L3-4	Coil—M/W Oscillator
L5-6	Coil—S/W Aerial
L7-8	Coil—S/W Oscillator
IFT1	Transformer—1st I.F.
IFT2	—Transformer—2nd I.F.
TC1	Capacitor—Trimmer
TC2	Capacitor—Trimmer
TC3	Capacitor—Trimmer
TC4	Capacitor—Trimmer
S1	Switch—Wave-Change
S2	Switch—Bass Control
S3	Switch—Treble Control
S4	Switch—Mains
VR1	Potentiometer (½ megohm tapped 40 K. ohms)
T2	Transformer—Mains
T3	Transformer—Output
CK1	Choke—H.T. Filter
CK2	Choke—H.T. Filter
	Speaker—12in.
	Plessey Record Changer — Multi-Speed Automatic.

HIGH TENSION SUPPLY

The power supply employs a directly-heated type high-vacuum rectifier, V6. Two smoothing circuits are used, one supplying the output valve and the other the remaining receiver circuits. A double-pole mains switch is used to control the mains supply to the receiver and record changer.

EQUALISER

The principal function of the equaliser is to compensate for the frequency response of the pick-up, and also to reduce the output of the pick-up, so that when the volume control is turned to maximum the set is not unduly overloaded. The equaliser is mounted underneath the record changer.

DIAL AND PILOT LAMP REPLACEMENT

Dial Lamps (R53B and R43B) — 6.3 volt, 0.30 amp. miniature screw-cap base.

(1) Withdraw the power plug from the mains supply socket.

(2) Remove cabinet back; the lampholders are a slide fit on their respective brackets, which are located one at each top corner of the dial-glass back plate.

(3) Slide lampholder from its bracket and replace lamp.

Pilot Lamp (R53B) — 6.3 volt, 0.3 amp. miniature screw-cap base.

(1) Withdraw the power plug from the mains supply socket.

(2) Operating from the front of the cabinet, slide lampholder towards the rear until it is withdrawn from its bracket; it may then be drawn forward and the lamp replaced.

Pilot Lamp (R43B) — 6.3 volt, 0.3 amp. miniature screw-cap base.

(1) Withdraw the power plug from the mains supply socket.

(2) Remove cabinet back; slide lampholder towards the rear until it is withdrawn from its bracket, and replace lamp.