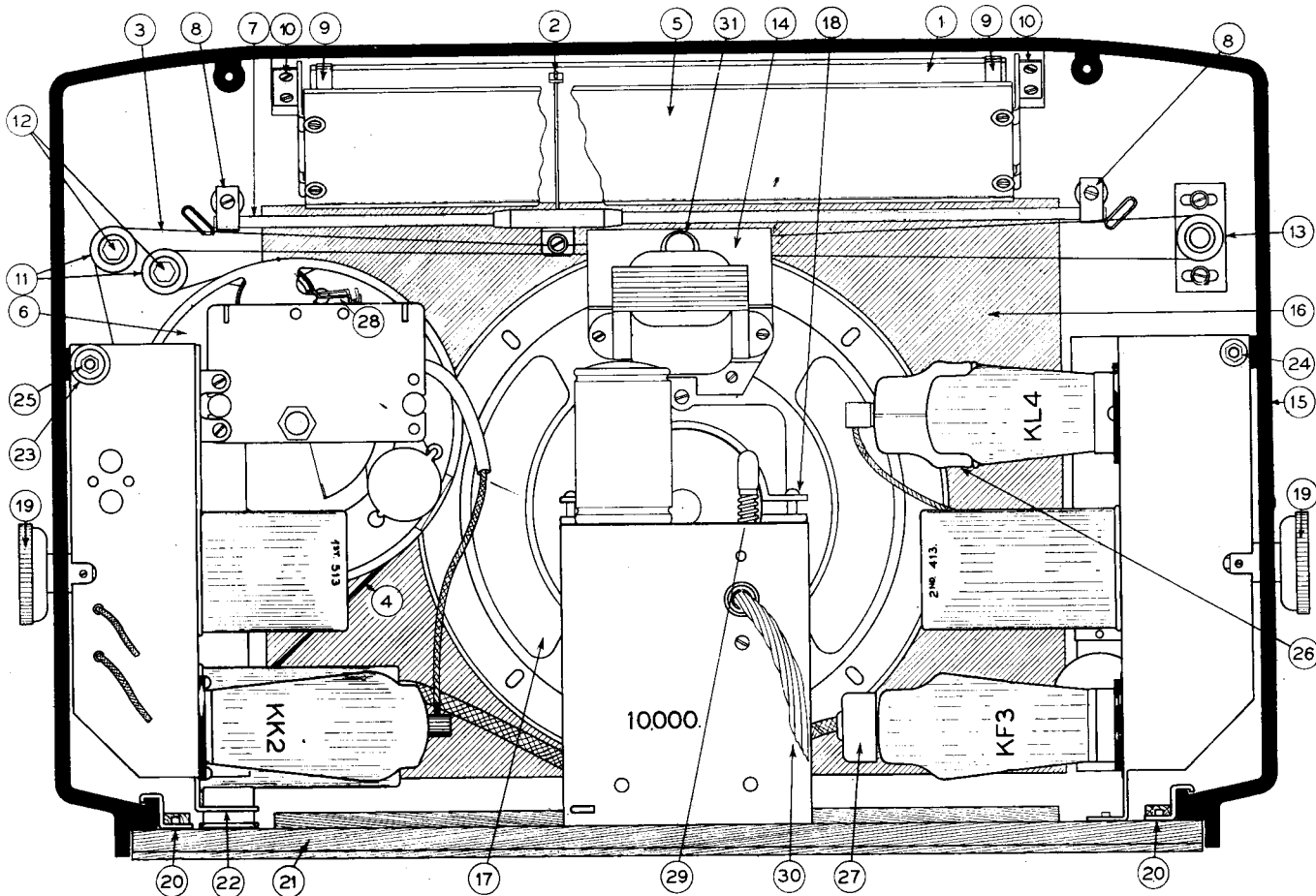


SERVICE DATA.



Diag. 5.

COMPONENTS NOT SHOWN ON CIRCUIT DIAGRAM

Position.	Code No.	Price.	Position.	Code No.	Price.
1 Dial Glass	22/511	4/4	18 Speaker Clamp	23/413	3d.
2 Dial Pointer	24/411	5d.	19 Tuning Knob	32/213	6d.
3 Dial Wire	26/311	2d.	20 Cabinet Clamps	24/423	2½d.
4 Dial Drive Cord	25/311	2d.	21 Base Board	33/611	2/4
5 Celluloid Dial Backing	34/211	4d.	22 Rubber Bush for Chassis Mounting	24/512	3d.
6 Bakelite Dial Drum	32/215	2/7½	23 Rubber Grommet for R.F. Chassis	32/311	1/6
7 Dial Slide Rod	24/225	1/7	24 Hexagonal Spacing Stud	24/224	2d.
8 Dial Slide Rod Clamp	24/413	3d.	25 Hexagonal Spacing Stud	24/223	2d.
9 Rubber Dial Bands	32/317	1d.	26 Goat Shield	24/615	4½d.
10 Dial Brackets	24/414	9d.	27 Grid Cap with Lead	26/213	1/6
11 Dial Pulley	24/211	4d.	28 Dial Wire Tension Spring	25/311	6d.
12 Dial Pulley Bearings	24/212	4d.	29 Fuse Holder	34/525	5d.
13 Wire Tension Adjustment Pulley	24/513	5d.	30 Battery Cable	26/214	1/-
14 Panel Lamp Holder	24/623	2d.	31 Dial Light Holder	24/636	3d.
15 No. 10 Cabinet			Tone Control Switch	74/412	1/3
16 Speaker Baffle and Silk	34/412	2/-	Amphenol Octal Socket	34/521	4½d.
17 Speaker	45/345	21/-	"P" Type Valve Socket	34/516	4d.
			Complete Coil Unit	46/213	25/6

PHILIPS RADIOPLAYER MODEL 1044

BATTERY OPERATED FOR BROADCAST AND SHORT WAVE RECEPTION.

SPECIFICATIONS

(Subject to Alteration Without Notice.)

Tuning Range:	540-1,520 K.C. 8-22 M.C. (37.5-13.5 metres)
Intermediate Frequency:	472.5 K.C.
Battery Equipment:	1-2 Volt accumulator (100 amp. hours capacity). 3-45 volt Super Service "B" Batteries.
Battery Consumption:	"A" Battery, .44 amp. approx. "B" Battery, 13 mA. approx.

VALVE EQUIPMENT

Frequency Converter	KK2 Octode.
Intermediate Frequency Amplifier	KF3 R.F. Penthode.
Demodulator and 1st Audio Power Amplifier	1K7G Duo-Diode-Penthode.
Dial Lamp	KL4 Power Penthode. 2.5 volt 0.3A Panel Lamp.

INSTALLATION. Full instructions for the installation of Model 1044 are contained in the instruction book supplied with each Radioplayer.

FUSE LAMP: A fuse lamp is fitted in series with the "B" Battery negative lead as a precaution against valve filament burnouts. The Radioplayer will not operate if the lamp is fused or is not properly screwed into the socket.

REMOVING THE CABINET (See Diagrams 4 and 5).

- (1) Disconnect batteries and remove back of the cabinet.
- (2) Remove all knobs. The knobs on the front of the cabinet may be removed by unscrewing grub screws which are accessible through holes in the bottom of the cabinet. The grub screws in the knobs at the sides of the cabinet are accessible through slots at the rear.
- (3) Release the clamping screws (A) of the tension adjustment pulley (13).
- (4) Disconnect the dial wire (3) from the pointer at (B) and remove the wire from the pulleys (11 and 13).
- (5) Remove the bolts holding the front of the cabinet to the base board.
- (6) Remove the screws at the rear holding the top corners of the two chassis to the cabinet.
- (7) Release the clamps (20) holding the back of the cabinet to the base board.
- (8) The cabinet may now be withdrawn from the base board.

REPLACING THE CABINET.

- (1) Thread the dial wire on to the drum as shown in diagram 4, the wire being temporarily held in place by the metal clips (C). (See diag. 4.) These clips are available on request from any Philips Office or the Philips representative for your territory.
- (2) Slide the cabinet on to the base board and replace the various screws.
- (3) Thread the dial wire on to the pulleys (11 and 13).
- (4) Take up the slack with the wire tension adjustment pulley (13).
- (5) Remove the metal clips (C).
- (6) Set the tension adjustment pulley (13) so that the tension springs (27) are mid-way between the rim of the drum and the limiting peg (K).

NOTE.—Should it be necessary at any time to replace the dial drive cord (4) it is important that the method of threading the cord on the drive spindle should be closely followed, that is the cord should take the form of a left-hand thread on the spindle. This is clearly illustrated in the diagram.

ALIGNMENT.

Due to the special design of this Radioplayer, alignment in the field is not possible. In the event of alignment troubles, it is necessary to return the receiver to the nearest Philips Office for attention. Every precaution has been taken to maintain the correct alignment by employing semi-fixed capacity trimmers. These trimmers will maintain the factory adjustment except in the case of actual mechanical damage to the tuned circuits.

SERVICE DATA.

CONDENSERS (PRICES QUOTED FOR ALL PARTS ARE STRICTLY NETT.)

No.	Value	Code No.	Price.	No.	Value.	Code No.	Price.
C1	4 uuF	52/517	3d.	C17	30 uuF	52/512	7d.
C2	.0045 uF	52/222	11d.	C18	.05 uF	52/314	7½d.
C3	10 uuF	52/516	3d.	C19	.05 uF	52/314	7½d.
C4	25 uuF	52/515	3d.	C20	30 uuF	52/512	7d.
C5	15-385 uuF	52/314	9/11	C21	80 uuF	52/612	7½d.
C6	3-15 uuF			C22	80 uuF	52/612	7½d.
C7	15-385 uuF			C23	30 uuF	52/512	7d.
C8	.0001 uF	52/614	7½d.	C24	0.1 uF	52/327	7½d.
C9	30 uuF.	52/512	7d.	C25	.0001 uF	52/212	6½d.
C10	320 uuF	52/611	7½d.	C26	.0001 uF	52/212	6½d.
C11	30 uuF	52/512	7d.	C27	.05 uF	52/314	7½d.
C12	32 uF	52/417	3/4	C28	.0001 uF	52/212	6½d.
C13	.05 uF	52/314	7½d.	C29	.004 uF	52/324	7½d.
C14	30 uuF	52/512	7d.	C30	25 uF	52/416	1/2½
C15	65 uuF	52/613	7½d.	C31	.02 uF	52/313	7½d.
C16	65 uuF	52/613	7½d.	C32	.006 uF	52/326	7½d.

RESISTORS

No.	Value.	Code No.	Price.	No.	Value.	Code No.	Price.
R1	0.5M ohm	62/216	3½d.	R7	0.5M ohm	63/211	3/3
R2	50,000 ohm	62/212	3½d.	R8	1.0M ohm	62/214	3½d.
R3	1,600 ohm	62/424	4½d.	R9	0.25M ohm	62/415	4½d.
R4	50,000 ohm	62/312	4d.	R10	1.0M ohm	62/214	3½d.
R5	2.3M ohm	62/219	3½d.	R11	0.1M ohm	62/215	3½d.
R6	50,000 ohm	62/212	3½d.	R12	400 ohm	64/214	5d.

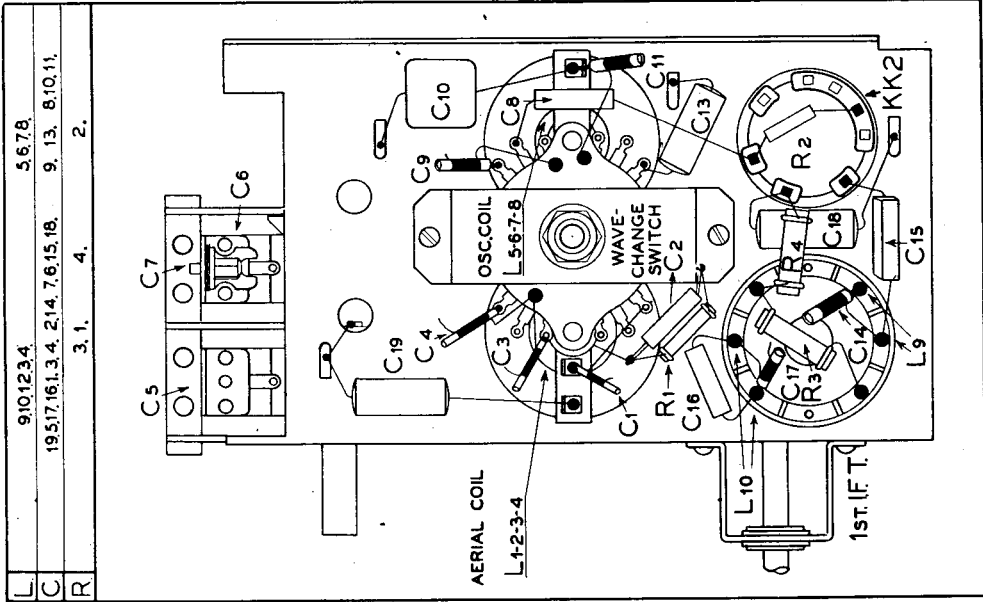
COILS

No.	Value.	Code No.	Price.	No.	Value.	Code No.	Price.
L1	20 ohm	43/211	3/6	L9	8 ohm	42/313	10/-
L2	2.5 ohm			L10	8 ohm		
L3	—			L11	8 ohm		
L4	—			L12	8 ohm		
L5	2.5 ohm	42/212	2/9	L13	650 ohm	45/345	21/-
L6	0.5 ohm			L14	0.4 ohm		
L7	—						
L8	—						

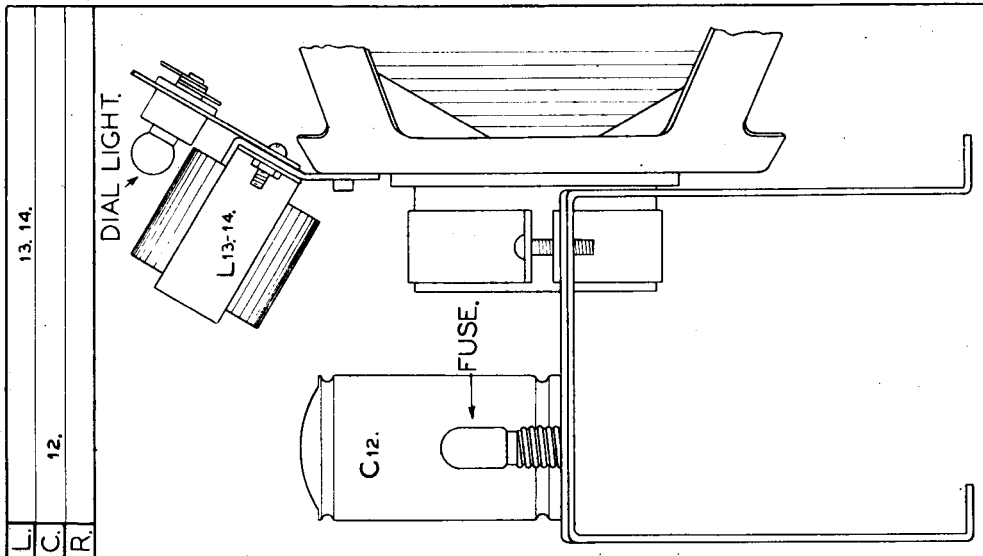
IMPORTANT: In ordering spare parts quote **CODE NUMBER ONLY**. If claiming free replacement under **GUARANTEE**, return defective parts **PROMPTLY** and quote **TYPE** and **SERIAL NUMBER** of **RADIOPLAYER**.

SERVICE DATA.

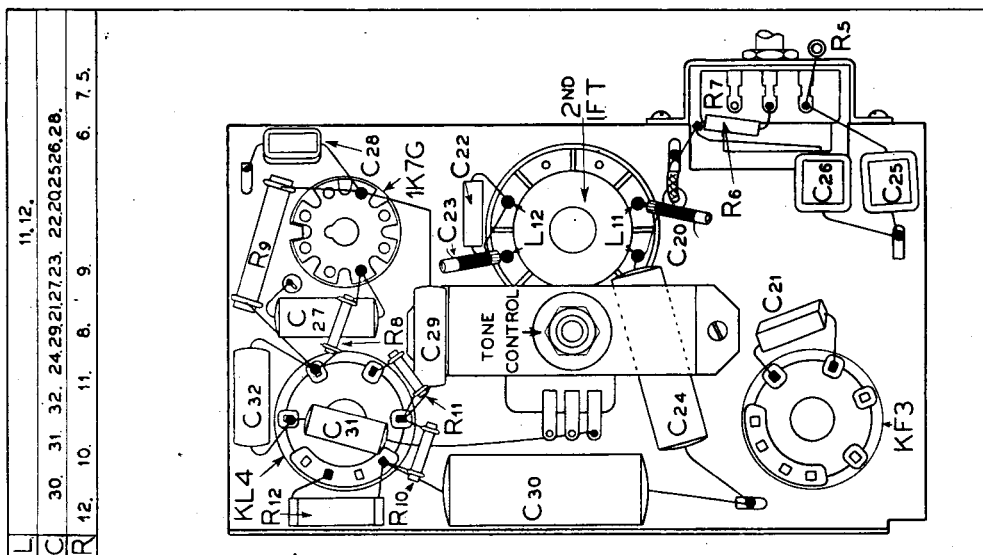
COMPONENT LOCATION DIAGRAMS (See also back page)



Diag. 1.



Diag. 2.

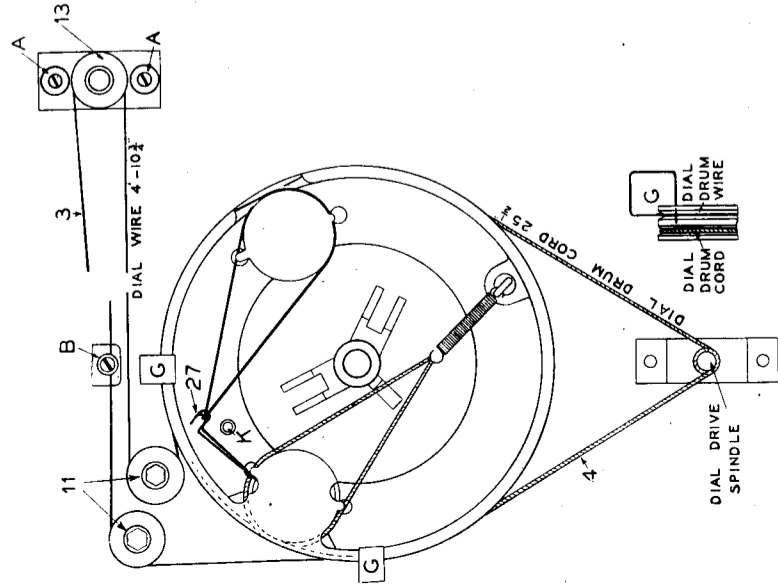


Diag. 3.

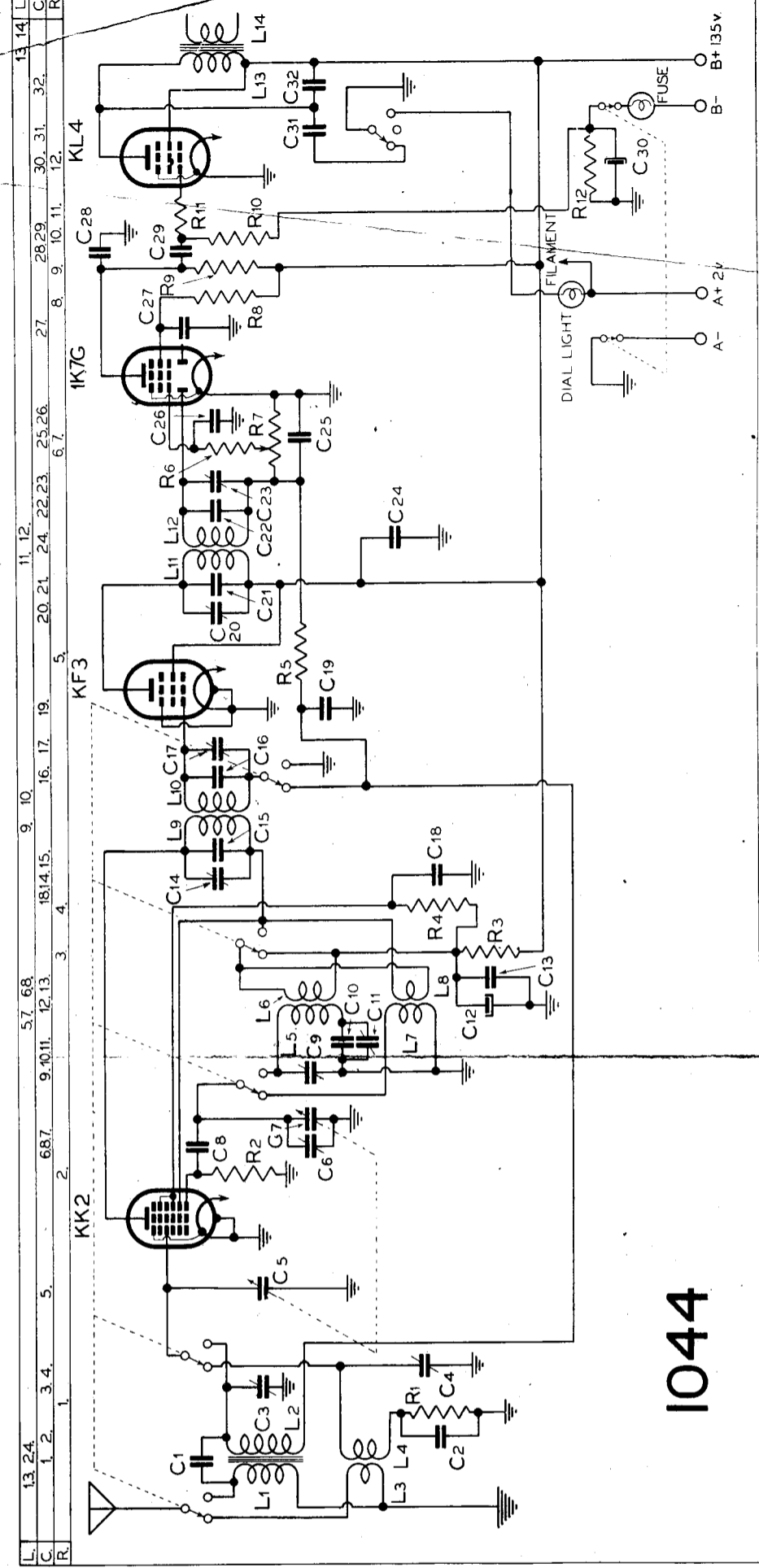
VOLTAGE ANALYSIS

Valve Type	Plate Voltage (Os. Plate 120)	Plate Current	Screen Grid Voltage	Bias Voltage	Filament Voltage
KK2	120	1.0	55	0	2.0
KF3	130	2.5	130	0	2.0
1K7G	30	0.3	20	0	2.0
KL4	125	6.0	130	5	2.0

NOTE.—The abovementioned voltage values with the exception of bias voltages are measured between the socket points indicated and chassis with the receiver in the no signal condition and with the volume control at zero. Bias voltages are to be measured at the source of the voltage, as incorrect readings will otherwise be obtained. Voltages are measured with a 1,000 ohm per volt voltmeter and may vary as much as 10% from the figures quoted.

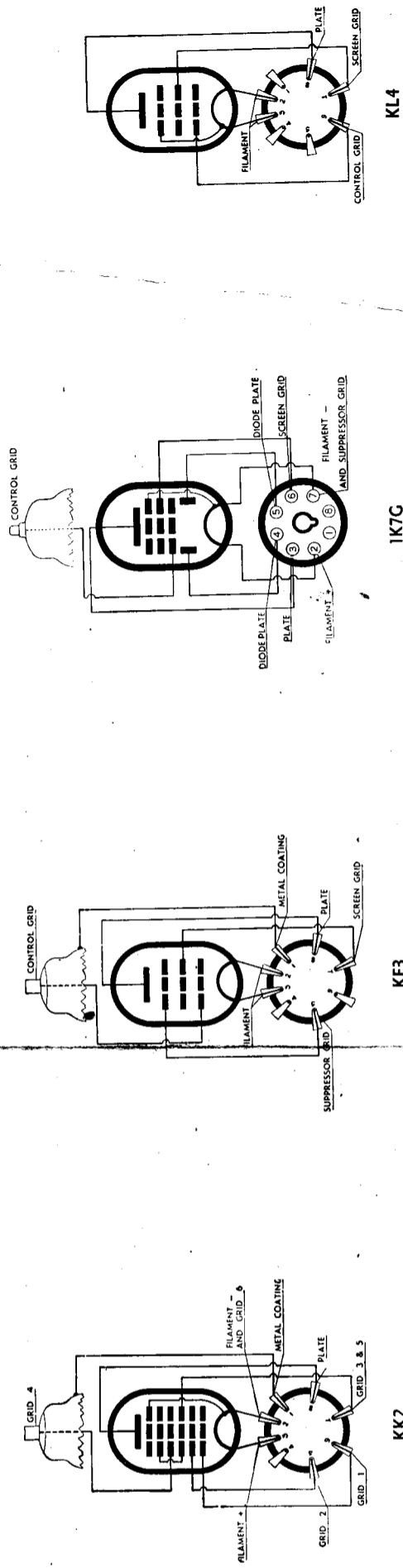


Diag. 4 (back view).



1044

VALUES, CODE NUMBERS AND PRICES FOR PARTS ARE GIVEN OVERLEAF



SOCKET CONNECTIONS VIEWED FROM BOTTOM OF BASE.