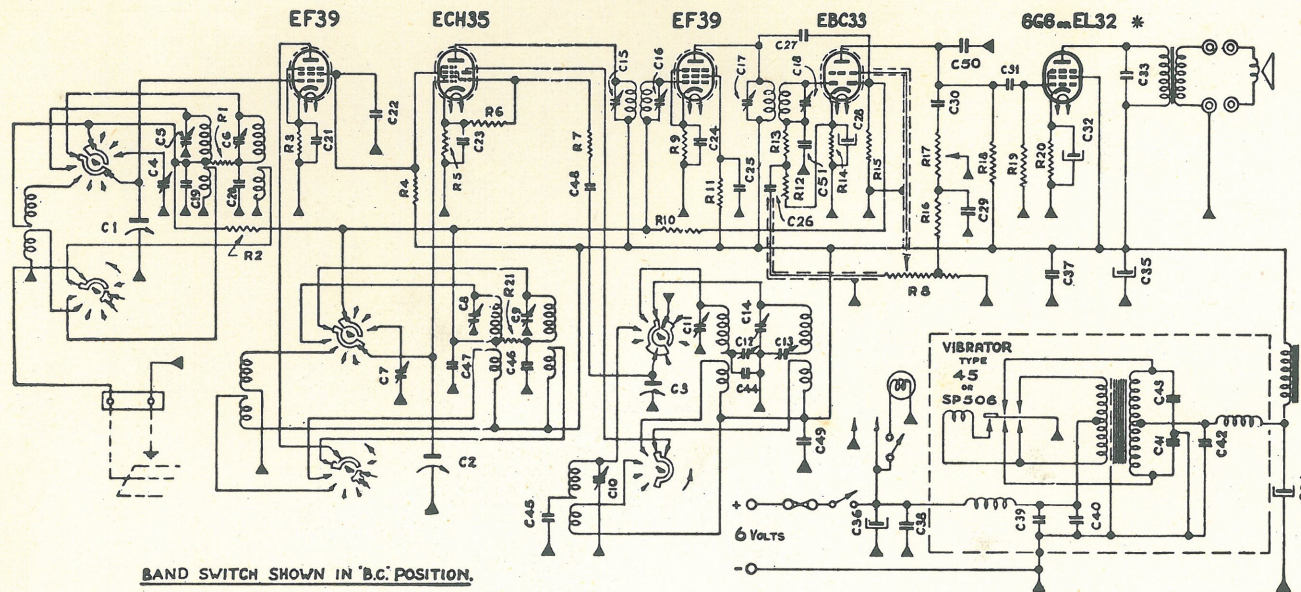


PHILIPS RADIOPLAYER — MODEL 546

not the same as
LZ 546 UB
= Mullard 584
or BZ456A



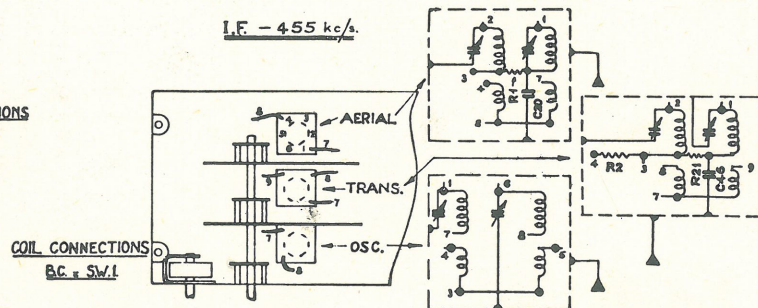
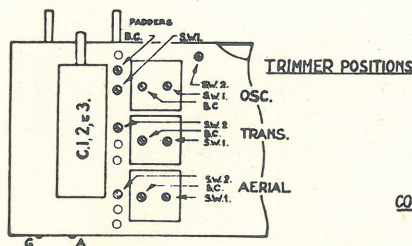
Battery Voltage 6 Volts.
 Input Current 1.9 Amps.

VOLTAGE TABLE

Valves	Plate	Screen	Cathode	Filament
EF39	125	85	2.3	6
ECH35	Osc. 125 125	85	1.8	6
EF39	125	42	1	6
EBC33	62	—	1.8	6
6GG or EL32 (or VT52)*	120	125	5.4	6

* EL32 or VT52 have grid cap on top of tube but 6GG6 is interchangeable without alteration of wiring.

The above voltages were measured with a voltmeter of resistance 1,000 ohms per volt. The receiver was switched to the broadcast position, and the tuning condenser was at maximum capacity. The voltages given are the average of a number of receivers, and may vary slightly from the Table Values.



CONDENSERS

C1	..	3-Gang Condenser
C2	..	
C3	..	
C4-C18	..	Trimmer Condensers
C19	..	.05 Mfd. 200V.
C20	..	7,000 Mmfd. Mica
C21	..	.05 Mfd. 200V.
C22	..	.05 Mfd. 400V.
C23	..	.05 Mfd. 200V.
C24	..	.05 Mfd. 200V.
C25	..	.01 Mfd. 400V.
C26	..	.01 Mfd. 400V.
C27	..	10 Mmfd. Ceramic
C28	..	25 Mfd. 25V. Electrolytic
C29	..	.01 Mfd. 400V.
C30	..	.004 Mfd. 400V.
C31	..	.01 Mfd. 400V.
C32	..	25 Mfd. 25V. Electrolytic

C33	..	.005 Mfd. 400V.
C34	..	30 Mfd. 250V. Electrolytic
C35	..	20 Mfd. 250V. Electrolytic
C36	..	500 Mfd. 12V. Electrolytic
C37	..	.25 Mfd. 400V.
C38	..	.01 Mfd. Mica
C39	..	.01 Mfd. Mica
C40	..	.25 Mfd. 100V.
C41	..	.01 Mfd. Buffer Cond.
C42	..	.01 Mfd. 600V.
C43	..	.01 Mfd. Buffer Cond.
C44	..	1,200 Mmfd. Mica
C45	..	.004 Mfd. Mica
C46	..	7,000 Mmfd. Mica
C47	..	.05 Mfd. 400V.
C48	..	100 Mmfd. Ceramic
C49	..	.004 Mfd. Mica
C50	..	250 Mmfd. Mica
C51	..	100 Mmfd. Mica

RESISTORS

R1	..	100,000 Ohm. 1/3 Watt
R2	..	100,000 Ohm. 1/3 Watt
R3	..	390 Ohm. 1/3 Watt
R4	..	10,000 Ohm. 1/2 Watt
R5	..	180 Ohm. 1/3 Watt
R6	..	47,000 Ohm. 1/3 Watt
R7	..	390 Ohm. 1/3 Watt
R8	..	2 Meg. V.C. Pot. with Switch
R9	..	270 Ohm. 1/2 Watt
R10	..	2 Meg. 1/3 Watt
R11	..	68,000 Ohm. 1/3 Watt
R12	..	.25 Meg. 1/3 Watt
R13	..	50,000 Ohm. 1/3 Watt
R14	..	5,000 Ohm. 1/2 Watt
R15	..	1 Meg. 1/3 Watt
R16	..	56,000 Ohm. 1/3 Watt
R17	..	.5 Meg. T.C. Pot.
R18	..	100,000 Ohm. 1/2 Watt
R19	..	.47 Meg. 1/2 Watt
R20	..	470 Ohm. 1/2 Watt
R21	..	100,000 Ohm. 1/3 Watt

COIL CODE NUMBER

Aerial Coil BC and SW1	..	VK 469 31
Translator Coil—BC and SW1	..	VK 473 06
Oscillator Coil—BC and SW1	..	VK 471 12
Aerial Coil—SW2	..	VK 469 32
Translator Coil—SW2	..	VK 473 07
Oscillator Coil—SW2	..	VK 471 13
1st I.F. Coil	..	VK 476 00
2nd I.F. Coil	..	VK 476 08

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