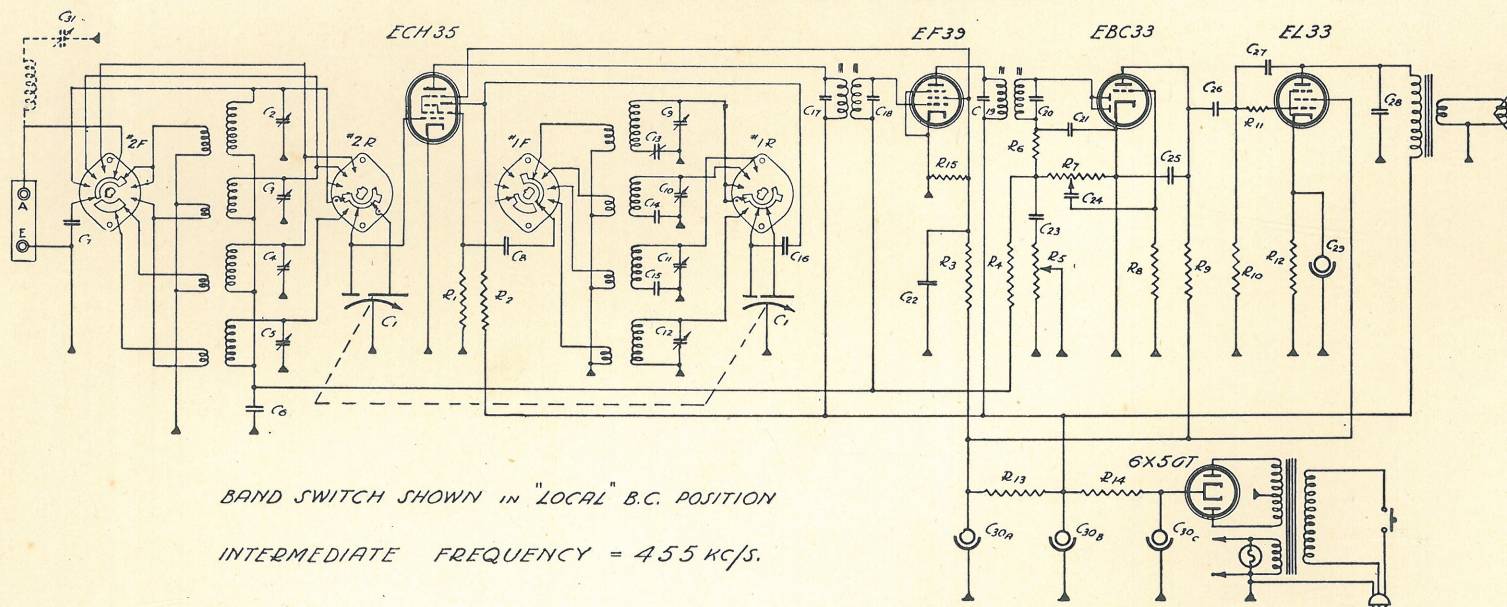


PHILIPS RADIOPLAYER — MODEL 593



BAND SWITCH SHOWN IN "LOCAL" B.C. POSITION

INTERMEDIATE FREQUENCY = 455 KC/S.

RESISTANCE AND CONDENSER VALUES

RESISTORS							
R1	47,000	Ohms	$\frac{1}{2}$ Watt	C8	50	mmfd.	
R2	22,000	Ohms	$\frac{1}{2}$ Watt	C9	3-35	mmfd.	Trimmer
R3	10,000	Ohms	1 Watt	C10	3-35	mmfd.	Trimmer
R4	2.2	Megohms	$\frac{1}{2}$ Watt	C11	50-80	mmfd.	Trimmer
R5	2.2	Megohms (Control)		C12	75-105	mmfd.	Trimmer
R6	47,000	Ohms	$\frac{1}{2}$ Watt	C13	300-720	mmfd.	Padder
R7	.5	Megohms (Control)		C14	4,000	mmfd.	
R8	4.7	Megohms	$\frac{1}{2}$ Watt	C15	5,000	mmfd.	
R9	470,000	Ohms	$\frac{1}{2}$ Watt	C16	100	mmfd.	
R10	470,000	Ohms	$\frac{1}{2}$ Watt	C17	100	mmfd.	
R11	22,000	Ohms	$\frac{1}{2}$ Watt	C18	100	mmfd.	
R12	150	Ohms	1 Watt	C19	100	mmfd.	
R13	3,900	Ohms	1 Watt	C20	100	mmfd.	
R14	120+200+470	Ohms		C21	250	mmfd.	
CONDENSERS				C22	.05	mfd.	400 Volt
C1	Gang Condenser			C23	2,000	mmfd.	600 Volt
C2	3-30	mmfd.	Trimmer	C24	5,000	mmfd.	600 Volt
C3	1-10	mmfd.	Trimmer	C25	250	mmfd.	
C4	1-10	mmfd.	Trimmer	C26	.1	mfd.	600 Volt
C5	40-70	mmfd.	Trimmer	C27	100	mmfd.	
C6	.05	mfd.	200 Volt	C28	2,000	mmfd.	600 Volt
C7	2,000	mmfd.	600 Volt	C29	25	mfd.	50 Volt
				C30	40+40+20	mfd.	Electrolytic

VOLTAGE TABLE

Valve	Plate	Screen	Cathode	Heater
ECH35	225	100	—	6
EF39	225	100	—	6
EBC33	25	—	—	6
EL33	210	180	4.4	6
6X5	250 AC	—	260	6
	per Plate			

The voltages given in this table apply when a voltmeter of 1,000 ohms per volt is used, the bandswitch being in the broadcast position and no signal input to the receiver. Variations in voltage readings up to 10% are permissible.

1st I.F. TRANSFORMER (Type VK476-04)

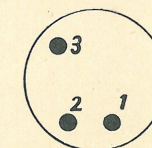


Plate Coil 2-3
Grid Coil Top Cap-1

2nd I.F. TRANSFORMER (Type VK476-05)

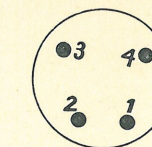


Plate Coil 4-1
Diode Coil 2-3

INTERNAL CONNECTIONS OF COILS

Aerial Coil (Type VK469-23)
Red Spot on No. 1.

BC { Aerial Coil 3-4
ECH35 Grid Coil 2-6

SW2 { Aerial Coil 8-4
ECH35 Grid Coil 1-5

Aerial Coil (Type VK469-24)
White Spot on No. 1.

SW1 { Aerial Coil 7-6
ECH35 Grid Coil 4-8

SW3 { Aerial Coil 2-6
ECH35 Grid Coil 1-5

Oscillator Coil (Type VK471-04).
Green Spot on No. 1

BC { Grid Coil 4-6
Plate Coil 2-7

SW3 { Grid Coil 8-5
Plate Coil 1-5

Oscillator Coil (Type VK471-05).
Blue Spot on No. 1

SW1 { Grid Coil 3-8
Plate Coil 2-6

SW2 { Grid Coil 4-8
Plate Coil 1-5