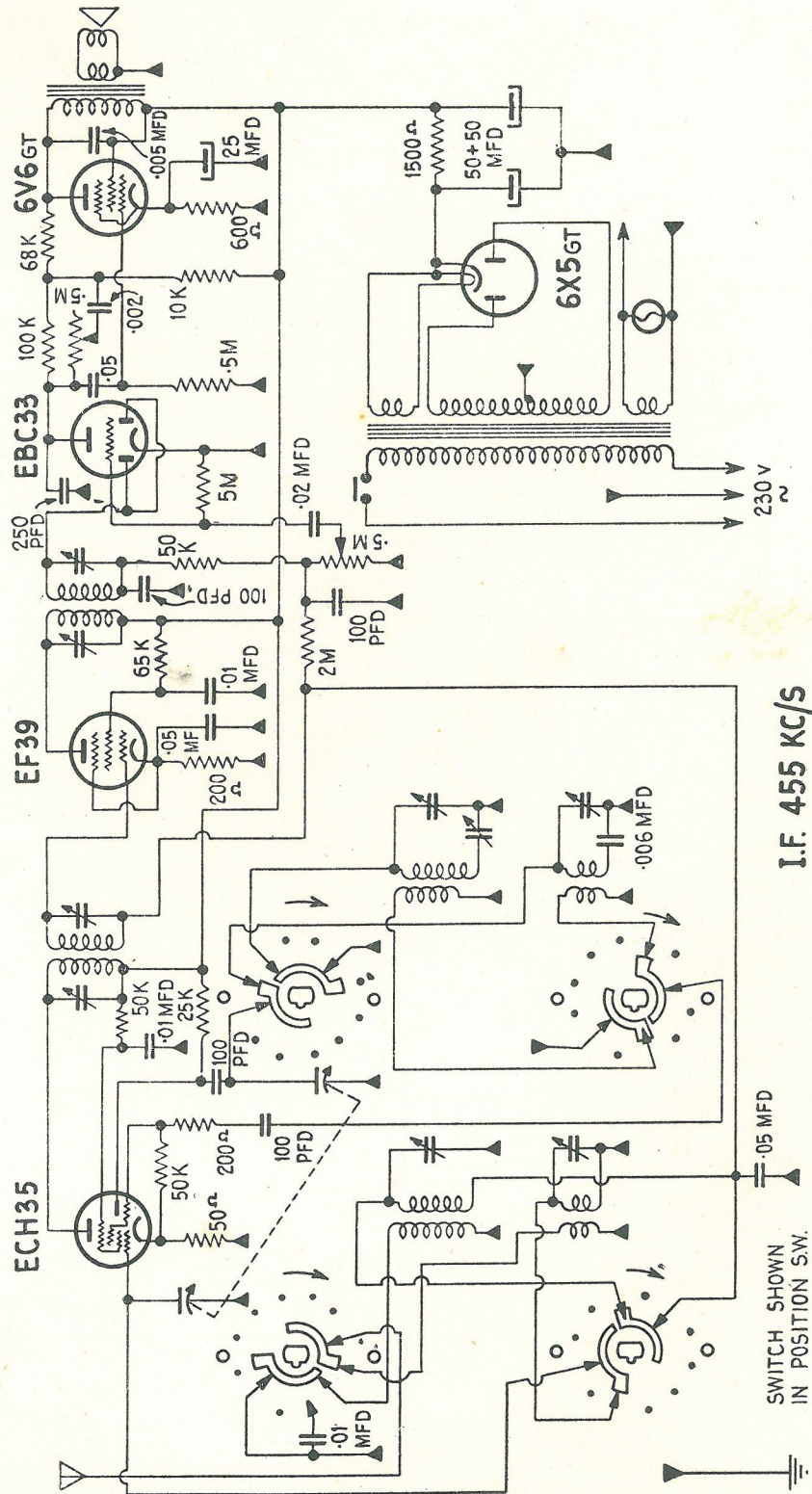
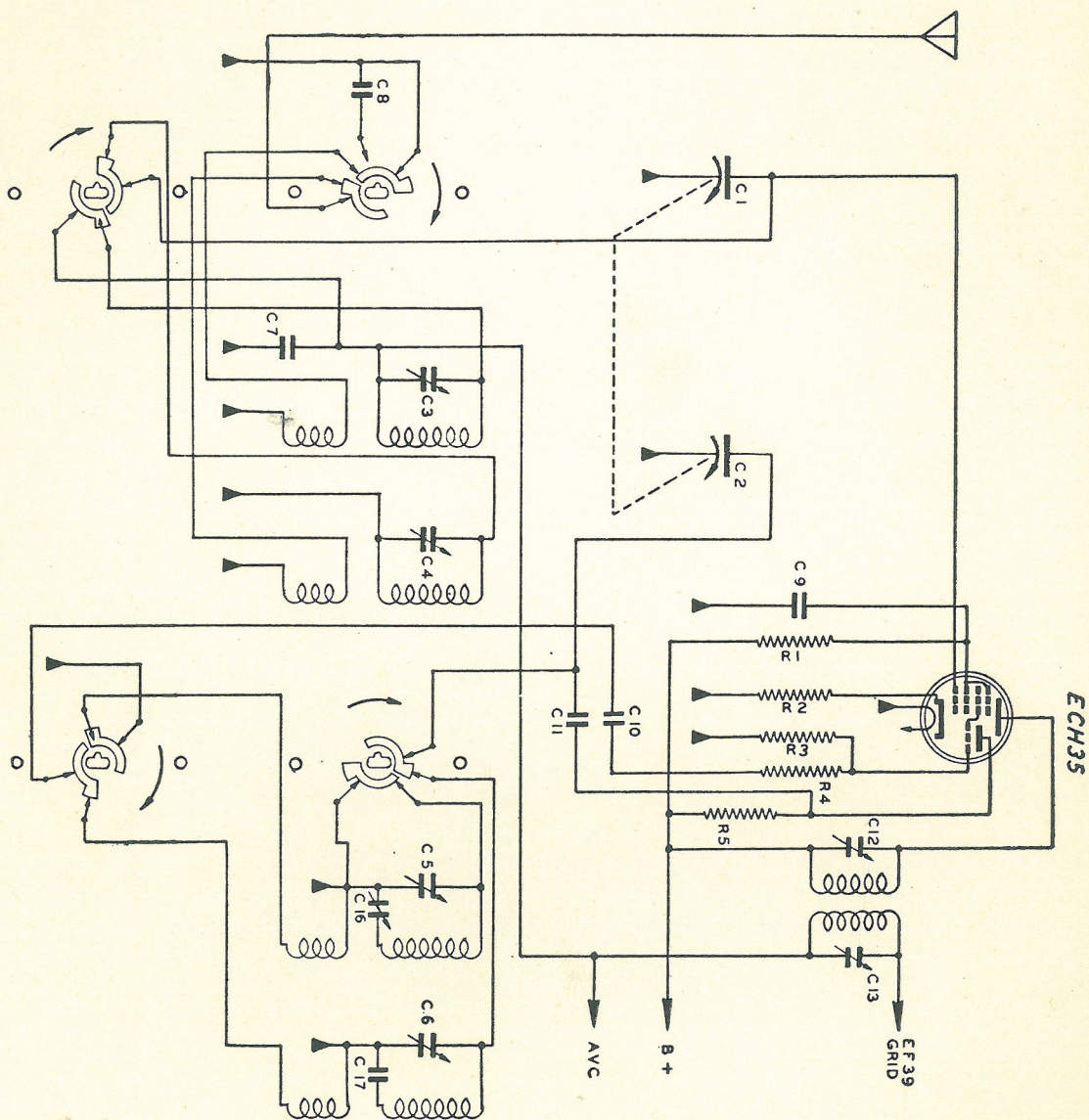


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PHILIPS RADIOPLAYER — MODEL 648 (Sheet 2)

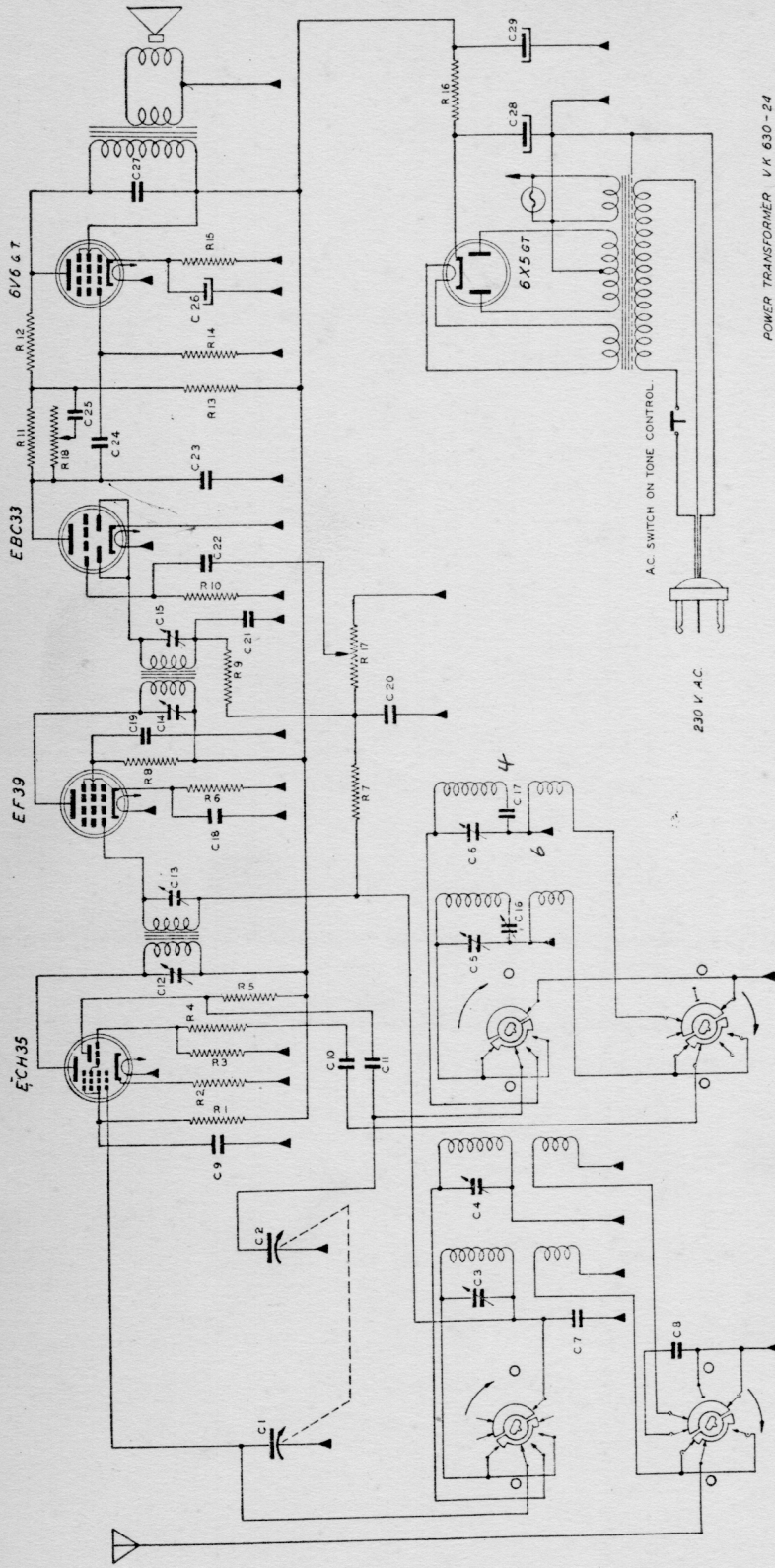


WAVE CHANGE SWITCH SHOWN IN POSITION #1 — SHORTWAVE.
POSITION #2 — BROADCAST
POSITION #3 — LOCAL BROADCAST.

SHOWING DETAILS OF WAVE CHANGE SWITCH USED IN
EARLY PRODUCTION ONLY.
FOR COMPONENT VALUES ETC, REFER TO SHEET #1

SHEET # 2.

PHILIPS RADIOPLAYER — MODEL 648



COIL CONNECTIONS

AERIAL COIL — VK 469-35

LINE	COIL
B.C. REL. — 7	6
S.W. REL. — 8	6
B.C. SEC. — 2	4
S.W. SEC. — 1	5

OSCILLATOR COIL — VK 471-17

LINE	COIL
B.C. GRID — 3	6
S.W. GRID — 2	6
B.C. PLATE — 8	7
S.W. PLATE — 1	4

POWER TRANSFORMER VK 630-24
PRIMARY RESISTANCE — 34 Ω
SECONDARY RESISTANCE — 155 Ω + 155 Ω
OUTPUT TRANSFORMER VK 670-03
PRIMARY RESISTANCE — 410 Ω

I.F. — 455 K.C.

WAVE CHANGE SWITCH SHOWN IN POSITION # 1 — BROADCAST
POSITION # 2 — LOCAL BROADCAST
POSITION # 3 — SHORTWAVE

SHEET # 1

CONDENSER AND RESISTOR VALUES

C1	14-542 mmfd. tuning gang	C8	.01 400v. paper	C17	.006 mfd. mica	R3	50,000 ohms ½ watt
C2	14-542 mmfd. tuning gang	C9	.01 400v. paper	C18	.05 400v. mica	R4	200 ohms ½ watt
C3	3-30 mmfd. trimmer	C10	100 mmfd. ceramic	C19	.01 600v. paper	R5	25,000 ohms ½ watt
C4	3-30 mmfd. trimmer	C11	100 mmfd. ceramic	C20	100 mmfd. ceramic	R6	200 ohms ½ watt
C5	3-30 mmfd. trimmer	C12	I.F. trimmer	C21	100 mmfd. ceramic	R7	2 megohms ½ watt
C6	3-30 mmfd. trimmer	C13	I.F. trimmer	C22	.02 mfd. paper	R8	68,000 ohms ½ watt
C7	.05 400v. paper	C14	I.F. trimmer	C23	250 mmfd mica	R9	50,000 ohms ½ watt
		C15	I.F. trimmer	C24	.05 mfd. 400v. paper	R10	5 megohms ½ watt
		C16	450-600 mmfd. Padder	C25	.004 mfd. 400v. paper	R11	100,000 ohms ½ watt
						R12	68,000 ohms ½ watt
						R13	10,000 ohms ½ watt
						R14	5 megohms ½ watt
						R15	600 ohms 1 watt
						R16	1,500 ohms 2.5 watts
						R17	5 megohms. volume control
						R18	5 megohms. Tone control