

# PHILIPS-SERVICE

# 521 U

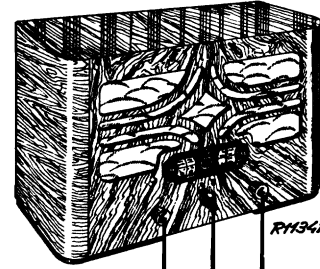
200—550 m  
800—1900 m

4281  $Z = 9 \Omega$

110—119 V  
120—130 V

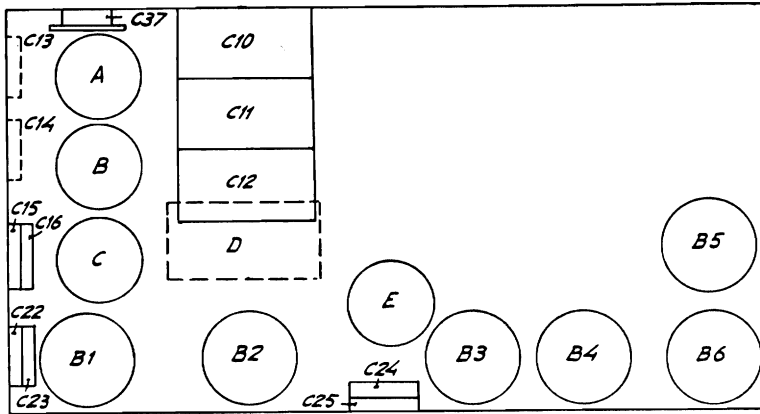
104 kc/s

30 W



VOL. ~

<p>800—1900 m I</p> <p>VOL. max.</p> <p>104 kc/s-220 pF-g4B1</p> <p>R8</p> <p>C10, C11, C12 min.</p> <p>C23, C25, C22</p> <p>C24, C23, C25 max.</p> <p>R8</p>	<p>200—550 m III</p> <p>VOL. max.</p> <p>1333 kc/s-g4B1</p> <p>C10, C11, C12 1448 kc/s</p> <p>1333 kc/s-γ</p> <p>C13, C14 max.</p>	<p>800—1900 m V</p> <p>VOL. max.</p> <p>350 m-γ</p> <p>C10, C11, C12 350 m</p> <p>350 m</p>
<p>800—1900 m II</p> <p>VOL. max.</p> <p>104 Kc/s-γ</p> <p>R8</p> <p>C10, C11, C12 1900 m</p> <p>C37 min.</p> <p>R8</p>	<p>800—1900 m III</p> <p>VOL. max.</p> <p>R8</p> <p>900 m-γ</p> <p>-25 pF-aB1</p> <p>C10, C11, C12 900 m</p> <p>R8</p> <p>C16 max.</p>	



R1351

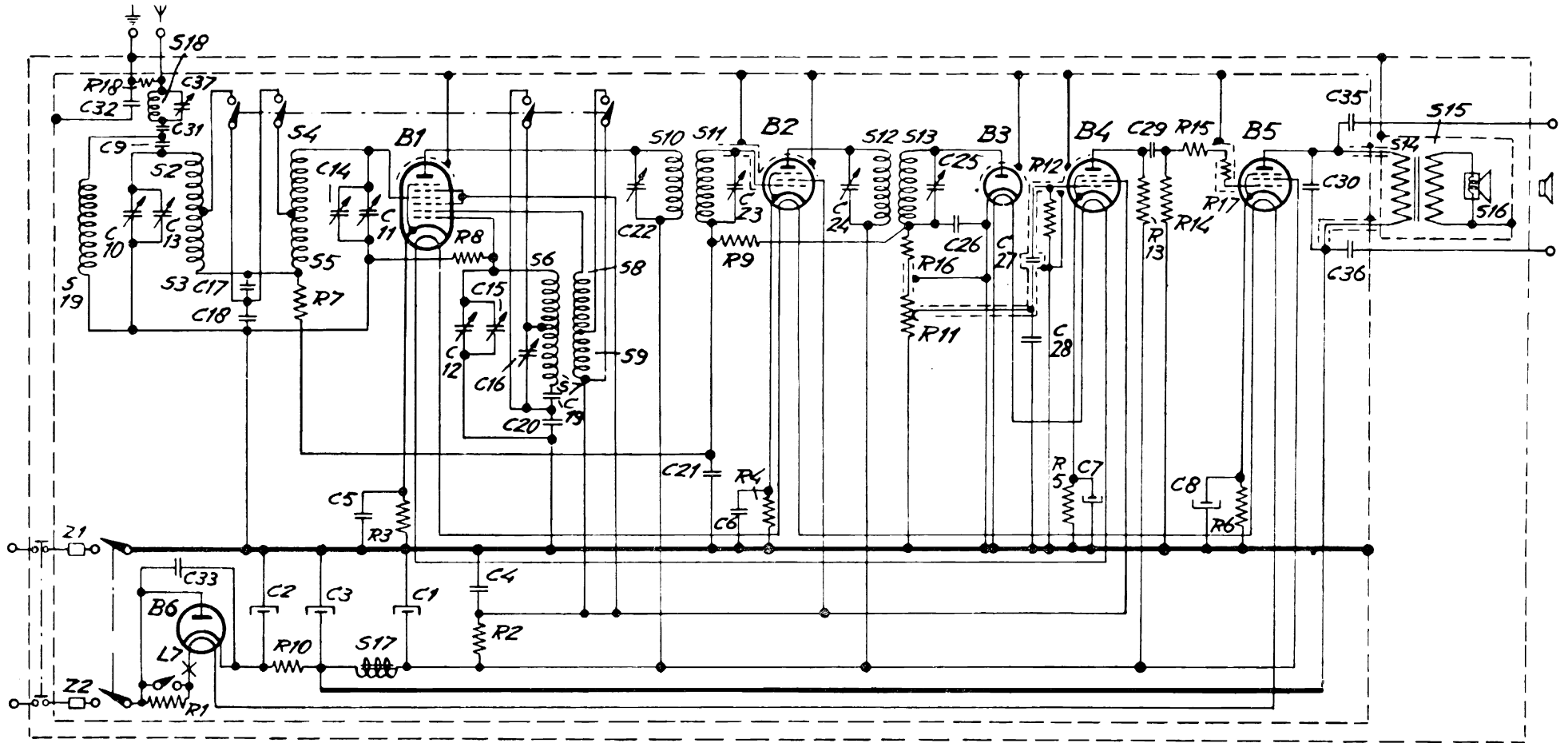
110 V~

	B1	B2	B3	B4	B5	B6	
	CK 1	CF 2	CB 1	CF1(7)	CL 2	CY 1	
Va	99	99	—	27	87	—	V
Vg2	54	54	—	54	90	—	V
Vg3+5	54	—	—	—	—	—	V
Vk	1,32	1,07	—	2,0	12,3	—	V
Ia	0,32	1,2	—	0,36	38	—	mA
Ig2	1,5	0,5	—	0,14	6,2	—	mA
Ig3+5	2,7	—	—	—	—	—	mA
Vf	12,8	13,5	13	13,3	19,1	20	V

R1	68 Ω	48 468 10/68E	C1	32 μF	28 182 40.0
R2	10000 Ω	48 427 10/10K	C2	32 μF	28 182 40.0
R3	270 Ω	48 426 10/270E	C3	32 μF	28 182 40.0
R4	680 Ω	48 426 10/680E	C4	0,47 μF	48 751 10/470K
R5	3900 Ω	48 426 10/3K9	C5	47000 pF	48 751 10/47K
R6	270 Ω	48 427 10/270E	C6	0,1 μF	48 751 10/100K
R7	10000 Ω	48 426 10/10K	C7	25 μF	28 180 02.0
R8	47000 Ω	48 426 10/47K	C8	25 μF	28 180 02.0
R9	1 MΩ	48 426 10/1M	C9	25 pF	48 429 10/25E
R10	330 Ω/2	48 427 10/330E	C10	10-490 pF	
R11	0,5 MΩ	28 808 61.0	C11	10-490 pF	49 001 14.0
R12	1 MΩ	48 426 10/1M	C12	10-490 pF	
R13	0,22 MΩ	48 426 10/220K	C13	7-55 pF	28 210 44.0
R14	0,56 MΩ	48 426 10/560K	C14	7-55 pF	28 210 44.0
R15	0,39 MΩ	48 426 10/390K	C15	7-55 pF	28 210 44.0
R16	47000 Ω	48 426 10/47K	C16	7-55 pF	28 210 44.0
R17	1000 Ω	28 495 54.0*	C17	27000 pF	48 751 10/27K
			C18	27000 pF	48 751 10/27K
			C19	1090 pF	48 429 02/1K09
			C20	2185 pF	48 429 02/2K185
			C21	0,1 μF	48 751 10/100K
			C22	40-145 pF	28 210 55.0
			C23	40-145 pF	
			C24	40-145 pF	28 210 55.0
			C25	40-145 pF	
			C26	100 pF	48 429 10/100E
			C27	10000 pF	48 751 10/10K
			C28	200 pF	48 429 10/200E
			C29	10000 pF	48 751 10/10K
			C30	2200 pF	48 752 10/2K2
			C31	1000 pF	49 128 02.0
			C32	5000 pF	28 198 96.0
			C33	0,1 μF	48 751 10/100K
			C35	0,22 μF	48 751 10/220K
			C36	0,22 μF	48 751 10/220K
			C37	40-145 pF	28 210 52.0*

S2, S3	28 561 02.2*	S14, S15	28 519 20.1*
S4, S5	28 561 03.2*	S16	25 152 44.2*
S6, S7, S8, S9	28 561 04.4*	S17	28 545 19.1
S10, S11	28 561 05.1*	S18, S19	28 561 27.1*
S12, S13	28 561 05.1*		

S:	19	18,23	4,5	17	6,7,8,9	10, 11	12, 13	14	15, 16
C:	32,10,13,9,33,37,31	18,17,2	3,14,5,11,1	12,4,15,16,19,20,22	21,6,23	24	25,26	27,28,7,29	8,30,35,36
R:	18	1	10,7	3	8,2	9	4	11,16	12,5,13,14,15,17,6



R11380



CK1

CF2(7)

CB1

CL2

CY1

A

B

C

D

E R11305