

# PHILIPS SERVICE

# 535 A

16-50 m  
200-570 m  
750-2000 m

4283 Z = 9 Ω

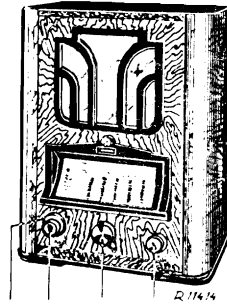
110 V-245 V.



65 W

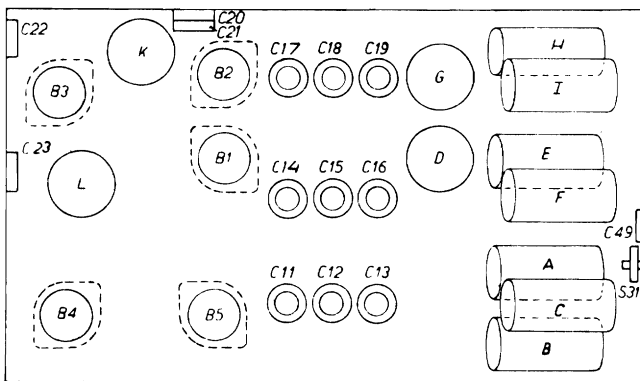
115 kc/s

16-50 m		200-570 m		16-50 m	
VOL.	max.	VOL.	max.	VOL.	max.
	S24-22000 Ω		S24-10000 Ω		S24-10 000 Ω
	S27-22000 Ω		C8, C9, C10 min.		C8, C9, C10 min.
	115 kc/s-33000 pF-g4B2		1402 kc/s-g4B2		16,67 Mc/s- Y
	R11		C8, C9, C10 (1e) max.		C8, C9, C10 (1e) max.
	C21, C22 max.		1402 kc/s- Y		C11, C14 max.
	S24, S27		C12, C15 max.		S24
	S25-22000 Ω		S24		
	S26-22000 Ω		750-2000 m		
	C20, C23 max.				
	S25, S26		VOL. max.		
	R11		S24-10000 Ω		
			C8, C9, C10 min.		
	750-2000 m		375 kc/s-g4B2		
			C8, C9, C10 (1e) max.		
	VOL. max.		375 Kc/s- Y		
	S24-10000 Ω		C13, C16 max.		
	C8, C9, C10 2000 m		S24		
	115 kc/s- Y				
	C49 min.				



VOL.

R1	15000/2 Ω	48 427 10/15K	C1	32 μF	28 182 40.0
R2	82000/2 Ω	48 427 10/82K	C2	32 μF	28 182 40.0
R3	47000/5 Ω	48 427 10/47K	C3	25 μF	28 180 02.0*
R4	270 Ω	48 426 10/270E	C4	25 μF	28 180 02.0*
R5	270 Ω	48 426 10/270E	C5	47000 pF	48 750 10/47K
R6	390 Ω	48 426 10/390E	C6	47000 pF	48 750 10/47K
R7	1200 <sup>1/2</sup> Ω	48 427 10/1K2	C7	47000 pF	48 750 10/47K
R8	33000 Ω	48 426 10/33K	C8		
R9	10000 Ω	48 426 10/10K	C9	0-470 pF	
R10	68 Ω	48 426 10/68E	C10		
R11	47000 Ω	48 426 10/47K	C11/		
R12	0,47 MΩ	48 426 10/470K	C19	30 pF	28 212 36.4
R13	47000 Ω	48 426 10/47K	C20/		
R14	0,5 MΩ	28 811 05.0	C23	200 pF	28 212 08.2
R15	3300 Ω	48 426 10/3K3	C24	500 pF	48 429 10/500E
R16	1,5 MΩ	48 426 10/1M5	C25	82 pF	48 405 10/82E
R17	3300 Ω	48 426 10/3K3	C26	47000 pF	48 751 10/47K
R18	1 MΩ	48 426 10/1M	C27	0,1 μF	48 751 10/100K
R19	0,68 MΩ	48 426 10/680K	C28	25 μF	28 180 02.0*
R20	1,5 MΩ	48 426 10/1M5	C29	0,1 μF	48 751 10/100K
R21	0,82 MΩ	48 426 10/820K	C30	0,1 μF	48 751 10/100K
R22	0,22 MΩ	48 426 10/220K	C31	100 pF	48 406 10/100E
R23	0,68 MΩ	48 426 10/680K	C32	22 pF	48 406 10/22E
R24	1000 Ω	48 426 10/1K	C33	1750 pF	48 429 02/1K75
R25	50000 Ω	28 809 36.0	C34	555 pF	48 429 02/555E
R26	0,22 MΩ	48 426 10/220K	C35	0,1 μF	48 751 10/100K
R27	39 Ω	48 426 10/39E	C36	0,1 μF	48 751 10/100K
R29	10000 Ω	48 426 10/10K	C37	320 pF	48 429 10/320E
R30	10000 Ω	48 426 10/10K	C38	320 pF	48 429 10/320E
R31	100 Ω	48 426 10/100E	C39	10000 pF	48 750 10/16K
			C40	100 pF	48 406 10/100E
			C41	0,1 μF	48 751 10/100K
			C42	47000 pF	48 751 10/47K
			C43	10000 pF	48 751 10/10K
			C44	33000 pF	48 752 10/33K
			C45	2200 pF	48 757 20/2K2
			C46	47000 pF	48 750 10/47K
			C47	150 pF	48 406 10/150E
			C48	2200 pF	48 758 20/2K2
			C49/		
			C50	10000 pF	48 751 10/10K



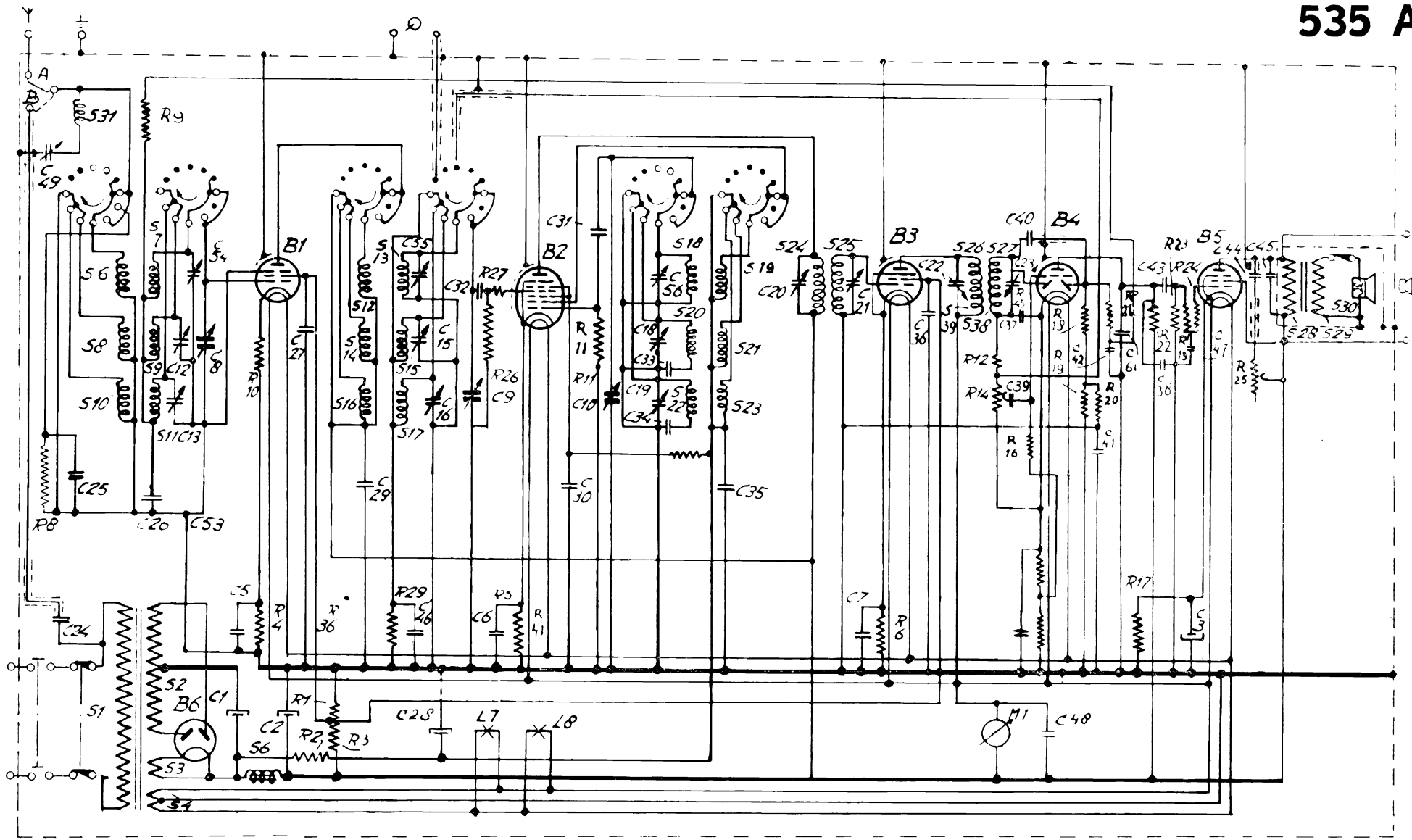
R11402

	B1	B2	B3	B4	B5	B6	
	AF 3	AK 2	AF 3	ABC 1	AL 2	AZ 1	
Va	257	270	257	96	234		V
Vg3+5	—	78	—	—	—		V
Vg2	109	110	109	—	250		V
-Vg	3,5	2,1	3,5	3	23		V
Ia	8	0,9	6,6	0,93	35		mA
Ig3+5	—	3,2	—	—	—		mA
Ig2	3,2	3,9	2,3	—	3,2		mA

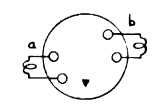
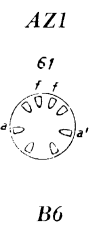
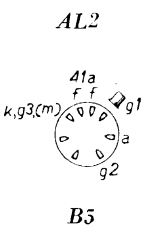
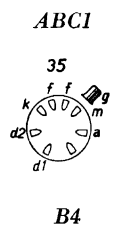
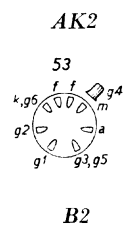
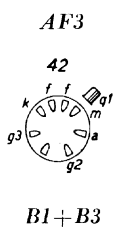
Vc1 = 294 V  
Vc2 = 272 V

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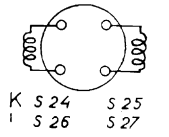
S1, S2, S3, S4	28 524 51.0	S20, S21	28 564 25.0*
S5	28 550 76.1*	S22, S23	28 564 26.0*
S6, S7	28 564 01.0*	S24, S25	28 561 22.1*
S8, S9	28 564 12.0*	S26, S27	28 561 20.1*
S10, S11	28 564 16.0*	S28, S29	28 520 91.0*
S12, S13	28 564 21.1*	S30	25 152 42.2
S14, S15	28 564 14.1*	S31	28 561 27.1*
S16, S17	28 564 18.1*	M1	28 820 63.0
S18, S19	28 564 24.1*		



R 11423



	a	b	a	b
FOCDBA	S7	S6	S17	S16
	S9	S8	S18	S19
	S11	S10	S20	S21
	S13	S12	S22	S23
	S15	S14		



K S24 S25  
I S26 S27