

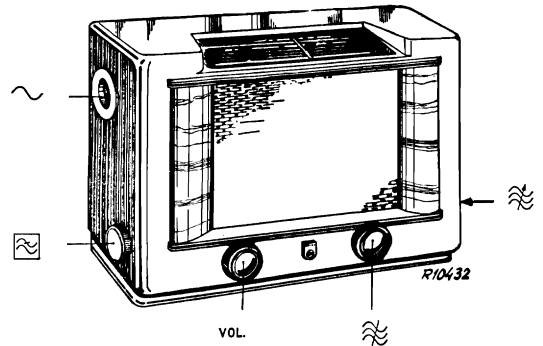
PHILIPS SERVICE

657 A

13,7-51 m
48-175 m
175-585 m
708-2000 m

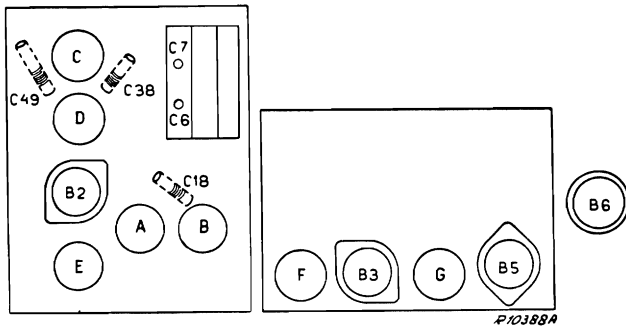
A-07, -19, -32 468 kc/s
452 kc/s

9678 Z = 5 Ω
A-06, -07, -49 9678-50 Z = 5 Ω
110 V, 125 V, 145 V,
200 V, 220 V, 245 V.
48 W
A-06, -07, -49 52 W



175-585 m III	708-2000 m III	175-585 m - V
VOL. max.	25 pF-aB2	859 kc/s - Y
C6, C7 + 15°	C7	C6, C7 859 kc/s
1650 kc/s - Y	160 kc/s - Y	350 m
C38 max.	C6, C7, 1875 m	
C18 max.	C7	
	VOL. max.	
	C49 max.	

15° 09 992 44.0



R1	1200 Ω	48 467 10/1K2	C1	45 μF	49 032 01.0
R2	82 Ω	48 426 10/82E	C2	32 μF	28 182 40.0
R3	39 Ω	48 425 10/39E	C1	50 μF	49 031 10.2
R11	0,5 MΩ	48 470 30.0	C2	30 μF	49 020 01.0
R21	50000 Ω	49 470 49.0	C3	50 μF	28 212 52.0
R31	0,47 MΩ	48 425 10/470K	C6	11-490 pF	
R32	39000 Ω	48 427 10/39K	C7	11-490 pF	
R33	39000 Ω	48 427 10/39K	C14	5,6 pF	48 406 99 5E6
R34	68000 Ω	48 426 10/68K	C18	32 pF	28 212 06.2
R35	39 Ω	48 425 10/39E	C19	33 pF	48 406 10/33E
R41	47000 Ω	48 427 10/47K	C20	18 pF	48 406 10/18E
R42	0,1 MΩ	48 427 10/100K	C38	32 pF	28 212 06.2
R43	47000 Ω	48 425 10/47K	C40	39 pF	48 406 99/39E
R45	0,68 MΩ	48 425 10/680K	C45	637 pF	48 406 02/637E
R46	1,5 MΩ	48 426 10/1M5		663 pF	48 406 01/663E
R47	0,82 MΩ	48 425 10/820K			
R48	0,82 MΩ	48 425 10/820K	C47	450 pF	48 406 01/450E
R50	1,5 MΩ	48 426 10/1M5			
R51	22000 Ω	48 425 10/22K	C47	485 pF	48 406 01/485E
R60	100 Ω	48 425 10/100E	C49	200 pF	28 212 08.2
R61	8200/2 Ω	48 468 10/8K2	C51	103 pF	—
R61 ²⁾	6800/2 Ω	48 469 10/6K8	C52	103 pF	—
R81	47000 Ω	48 425 10/47K	C61	103 pF	—
			C62	103 pF	—
			C81	22 pF	48 406 10/22E
			C82	82 pF	48 406 10/82E
			C83	22000 pF	48 750 20/22K
			C85	4700 pF	48 757 20/4K7
			C100	100 pF	48 406 10/100E
			C101	47000 pF	48 751 20/47K
			C102	470 pF	48 406 20/470E
			C103	82 pF	48 406 10/82E
			C104	47 pF	48 406 10/47E
			C120	47000 pF	48 751 20/47K
			C121	47000 pF	48 750 20/47K
			C122	10000 pF	48 751 20/10K
			C126	2200 pF	48 751 20/2K2
			C127	47000 pF	48 750 20/47K
			C128	0,1 μF	48 751 20/100K
			C130	47000 pF	48 757 20/47K
			C131	22000 pF	48 756 20/22K

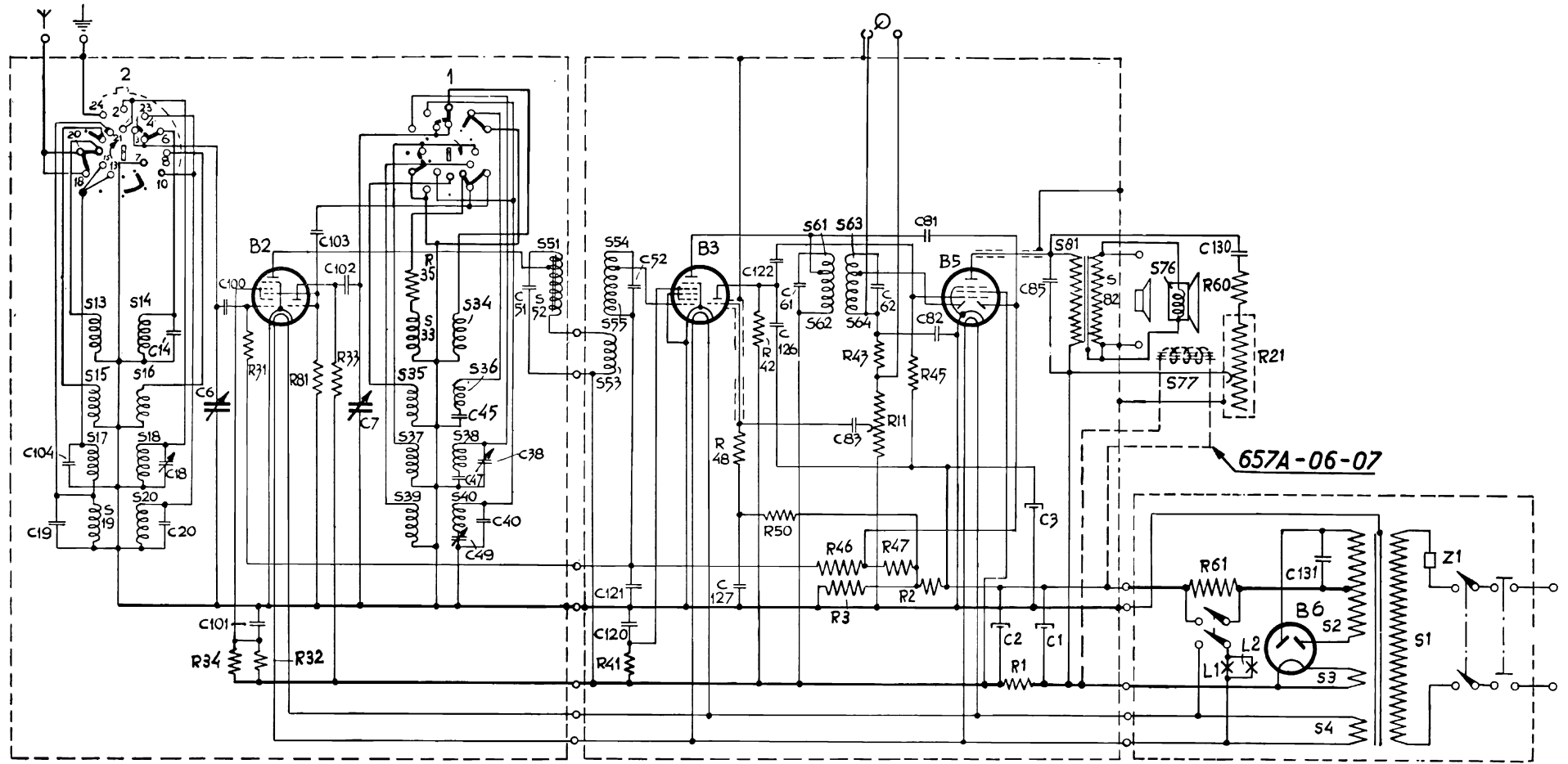
	B2	B3	B5	B6	
	ECH 21	ECH 21	EBL 21	AZ 1	
Va	aT 60 aH 240	aT 60 aH 240	250		V
Vg2	100	95	240		V
Ia	aT 2,75 aH 2,7	aT 1,75 aH 4,9	31		mA
Ig2	5,9	2,9	3,5		mA

Vc1 = 140 V
Vc2 = 120 V.

Z1, S1, S2, S3, S4	A1 056 90.0 ¹⁾ A1 057 04.0 ²⁾	S37, S38, S39, S40 S51, S52, C51	A1 037 17.0 A1 037 33.1 ¹⁾ A1 037 19.1 ¹⁾ A1 037 34.1 ¹⁾ A1 037 18.1 ¹⁾ A1 037 61.0 ¹⁾ A1 037 20.2 ¹⁾
S13, S14, S15, S16 S17, S18, S19, S20 S33, S34, S35, S36	A1 037 14.0 A1 037 16.1 A1 037 32.0 ¹⁾ A1 037 15.0 ¹⁾	S53, S54, S55, C52	S61, S62, S63, S64 C61, C62 S76 S77 S81, S82
			49 981 04.0 A1 001 66.1 A1 081 84.1

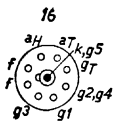
¹⁾ 657 A
²⁾ 657A-06
³⁾ 657A-07
⁴⁾ 657A-19

93 950 68.1

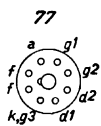


657A-06-07

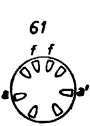
R10957
50874



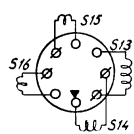
B2, 3



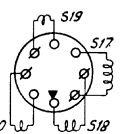
B5



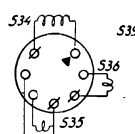
B6



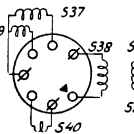
A



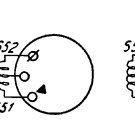
B



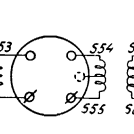
C



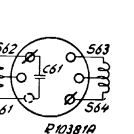
D



E



F



G

R10381A