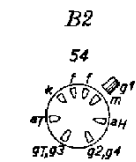
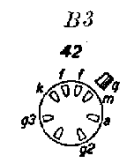


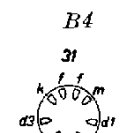
EF8



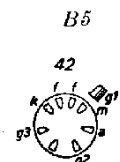
ECH3



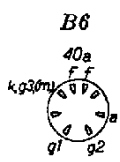
EF9



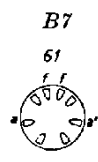
EAB1



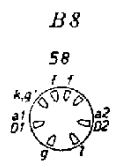
EF6



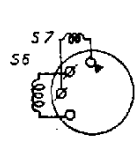
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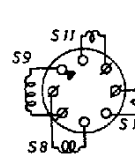
AZ1



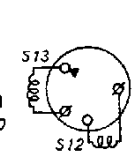
EM4



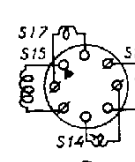
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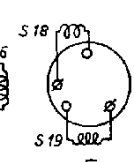
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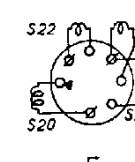
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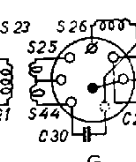
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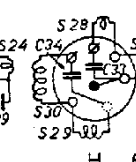
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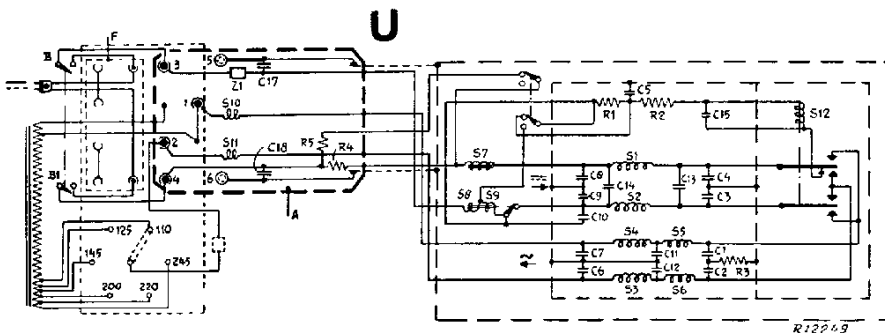
F



G



H



R12596

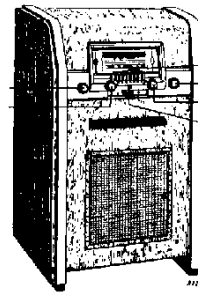
R11396

13,8—51 m
175—585 m
708—2000 m

9672 Z=7 Ω
110—145 V
200—245 V
75 W































































































473 kc/s

VOL



BAND BAND

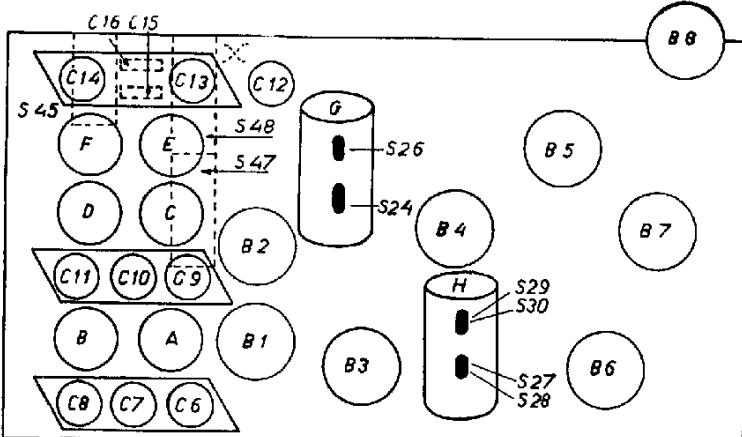
1938/39

| | | | | | |
|---|--|---|--|---|--|
|  | 175—585 m I |  | 175—585 m III |  | 13,8—50,5 m III |
|  | max |  | max |  | max |
|  |  |  |  |  |  |
|  | max |  | max |  | max |
|  | C3, C4, C5  180 m |  | C3, C4, C5, + 15° |  | C3, C4, C5 + 15° |
|  | 473kc/s-33000 pF-g4B2 |  | S45 + 1) |  | S47, S48 + 1) |
|  | S27/S28-82 pF |  | 1600 kc/s—Y |  | 20 Mc/s |
|  | S29/S30 max |  | C13, C10, C7 max |  | C12, C9, C6 max |
|  | S27/S28 |  | —40 pF-aB2 |  | —40 pF-aB2 |
|  | S30 — 82 pF |  | 546 kc/s—Y |  | 6 Mc/s—Y |
|  | S27/S28, S26, S24 |  | C3, C4, C5,  546 kc/s |  | C3, C4, C5  Mc/s |
|  | S30 |  | C15 max |  | X max |
|  | 708—2000 m III |  | 175—585 m (S45) |  | 175—585 m V |
|  | max |  | max |  | max |
|  |  |  |  |  |  |
|  | max |  | max |  | max |
|  | C3, C4, C5 + 15° |  | S45 + 1) |  | 566 kc/s—Y |
|  | 400 kc/s—Y |  | —40 pF-aB2 |  | C3, C4, C5  566 kc/s |
|  | C14, C11, C8 max |  | 925 kc/s—Y |  |  530 m |
|  | —40 pF-aB2 |  | C3, C4, C5  925 kc/s |  | 1250 kc/s—Y |
|  | 160 kc/s—Y |  | C3, C4, C5,  160 kc/s |  | C3, C4, C5  1250 kc/s |
|  | C3, C4, C5,  160 kc/s |  | S45—max |  |  1250 m |
|  | C16 max | | | | |
|  | 30 m |  | 25 m |  | 20 m |
|  | 13 m |  | 16 m |  | 13 m |
|  | 9,6 Mc/s |  | 11,8 Mc/s |  | 15,225 Mc/s |
|  | 17,8 Mc/s |  | 21,6 Mc/s | | |

15° = 2V 351 06.3*

1) = 09 992 92.0*

) = 09 992 93.0



n 11420

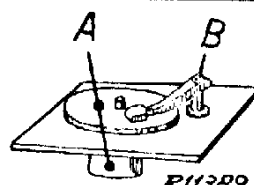
| | B1 | B2 | B3 | B4 | B5 | B6 | B7 | B8 |
|-----|------|------|-----|------|------|------|------|-----|
| | EF8 | ECH3 | EF9 | EAB1 | EF6 | EL3 | AZ1 | EM4 |
| Va | 210 | 195 | 225 | | 60 | 245 | | V |
| Vat | — | 100 | — | | — | — | | V |
| Vg3 | 230 | — | — | | — | — | | V |
| Vg2 | — | 90 | 100 | | 90 | 230 | 230 | |
| Vk | 2 | 2,1 | 2,4 | | — | 5,5 | | V |
| Iah | 7,15 | 1,8 | 5,7 | | 1,16 | 34,5 | | mA |
| Iat | — | 4,3 | — | | — | — | | mA |
| Ig3 | 0,2 | — | — | | — | — | | mA |
| Ig2 | — | 1,9 | 1,7 | | 0,4 | 3,6 | 0,34 | mA |

VC1 = 275 V

VC2 = 260 V

VC23 = 230 V

| | | | |
|----------------|----------------|---------------|------------------|
| R1 0,82 MΩ | 48 425 10/820K | C1 50 μF | 48 312 09/50 |
| R2 270 Ω | 48 425 10/270E | C2 50 μF | 48 317 09/50 |
| R3 1000 Ω | 48 426 10/1K | C23 50 μF | 48 317 09/50 +50 |
| R4 270 Ω | 48 425 10/270E | C3 12-518 pF | 49 000 27.0* |
| R5 33 Ω | 48 425 10/33E | C4 12-518 pF | |
| R7 0,82 MΩ | 48 425 10/820K | C5 12-518 pF | |
| R8 22000 Ω | 48 427 10/22K | C6/ | |
| R9 22000 Ω | 48 427 10/22K | C14 2,5-20 pF | 49 005 05.2 |
| R10 3900 Ω | 48 427 10/3K9 | C15 20-275 pF | 49 005 53.2 |
| R11 270 Ω | 48 425 10/270E | C16 20-275 pF | 49 005 53.2 |
| R12 47000 Ω | 48 425 10/47K | C17 82 pF | 48 601 10/82E |
| R14 2 x 4,7 MΩ | 48 425 10/47K | C18 100 pF | 48 601 10/100E |
| R16 330 Ω | 48 425 10/330E | C19 47000 pF | 48 750 10/47K |
| R17 330 Ω | 48 425 10/330E | C21 100 pF | 48 601 10/100E |
| R18 56000 Ω | 48 426 10/56K | C22 47000 pF | 48 750 10/47K |
| R19 10 Ω | 48 425 10/10E | C23 | |
| R21 1 MΩ | 48 426 10/1M | C24 0,1 μF | 48 751 10/100K |
| R22 0,275 MΩ | 49 501 02.0 | C25 47 pF | 48 601 10/47E |
| R22a 0,075 MΩ | | C26 82 pF | 48 601 10/82E |
| R23 3,9 MΩ | 48 427 10/3M9 | C27 350 pF | 48 429 02/350E |
| R24 2,7 MΩ | 48 427 10/2M7 | C29 94 pF | |
| R26 1,8 MΩ | 48 427 10/1M8 | C30 100 pF | |
| R27 0,82 MΩ | 48 425 10/820K | C32 47000 pF | 48 750 10/47K |
| R28 2,7 MΩ | 48 427 10/2M7 | C33 106 pF | |
| R29 1000 Ω | 48 425 10/1K | C34 113 pF | |
| R30 220 Ω | 48 425 10/220E | C35 18 pF | 48 601 10/18E |
| R32 27000 Ω | 48 427 10/27K | C36 39 pF | 48 601 10/39E |
| R33 0,1 MΩ | 48 427 10/100K | C37 47000 pF | 48 751 10/47K |
| R36 0,68 MΩ | 48 425 10/680K | C38 470 pF | 48 601 10/470E |
| R37 180 Ω | 48 425 10/180E | C39 47000 pF | 48 750 20/47K |
| R39 15000 Ω | 48 425 10/15K | C40 0,1 μF | 48 750 20/100K |
| R40 0,33 MΩ | 48 425 10/330K | C41 10000 pF | 48 750 20/10K |
| R43 50000 Ω | 49 500 80.1* | C43 3,3 pF | 48 601 98/3E3 |
| R44 12 Ω | 48 468 10/12E | C44 82 pF | 48 601 10/82E |
| R51 1800 Ω | 48 425 10/1K8 | C45 330 pF | 48 601 10/330E |
| R52 1500 Ω | 48 551 10/1K5 | C47 2200 pF | 48 758 20/2K2 |
| R54 220 Ω | 48 425 10/220E | C48 33 pF | 48 601 10/33E |
| R55 39 Ω | 48 425 10/39E | C52 82000 pF | 48 750 10/82K |
| R56 1,5 MΩ | 48 426 10/1M5 | C53 0,47 μF | 48 751 20/470K |
| R57 1,5 MΩ | 48 426 10/1M5 | C56 33000 pF | 48 751 10/33K |
| R58 68 Ω | 48 425 10/68E | C62 47000 pF | 48 751 20/47K |
| R59 0,47 MΩ | 48 425 10/470K | C63 4000 pF | 48 429 02/4K |
| R61 1,5 MΩ | 48 426 10/1M5 | C64 1000 pF | 48 757 20/1K |
| R62 18000 Ω | 48 425 10/18K | C65 50 μF | 48 313 02/50 |
| R63 2200 Ω | 48 425 10/2K2 | C66 1500 pF | 48 751 20/1K5 |
| R64 68 Ω | 48 425 10/68E | C68 33000 pF | 48 750 10/33K |
| R66 1,5 MΩ | 48 426 10/1M5 | C69 6800 pF | 48 750 10/68K |
| R68 33000 Ω | 48 425 10/33K | C70 47000 pF | 48 750 10/47K |
| R69 0,18 MΩ | 48 425 10/180K | C71 100 μF | 48 313 52/100 |
| R71 12000 Ω | 48 426 10/12K | C72 25 pF | 28 182 24.1 |
| R73 56000 Ω | 48 425 10/56K | C73 18000 pF | 48 750 10/18K |
| | | C74 27 pF | 49 055 08.2 |
| | | C75 47000 pF | 48 751 20/47K |
| | | C79 68000 pF | 48 750 20/68K |
| | | C80 0,22 μF | 48 751 10/220K |
| | | C85 0,22 μF | 48 750 10/220K |
| | | C91 330 pF | 48 601 20/330E |
| | | C92 10000 pF | 48 750 10/10K |
| | | C93 27 pF | 49 055 08.2 |
| | | C94 0,18 μF | 48 750 10/180K |



R11389

| Z1, S1, S2, S3, S4 | A 1055 51.0 | S24, S25, S26 | A 1036 08.1 |
|--------------------|--------------|---------------|--------------|
| S5 | 49 217 12.0 | S44, C29, C30 | |
| S6, S7 | A 1036 15.0 | S27, S28, S29 | A 1036 27.4 |
| S8, S9 | | S30, C33, C34 | A 1080 75.0 |
| S10, S11 | A 1036 18.0 | S31, S32, S41 | 49 981 28.0 |
| S12, S13 | A 1036 16.0 | S33 | 49 217 11.0 |
| S14, S15 | A 1036 19.0* | S34 | 28 587 93.0* |
| S16, S17 | | S35 | A 1000 68.2* |
| S18, S19 | A 1036 17.0 | S42 | A 1000 69.0* |
| S20, S21, S22, S23 | A 1036 13.0 | S45 | A 1000 67.2* |
| | | S47, S48 | |
| C1 20000 pF | U | R1 3500 Ω | 49 362 03.2* |
| C2 20000 pF | | R2 2500 Ω | |
| C3 0,2 μF | | R3 47 Ω | |
| C4 0,2 μF | | R4 15 Ω | |
| C5 50000 pF | | R5 5 Ω | |
| C6 0,1 μF | 49 175 62.2 | | |
| C7 0,1 μF | | | |
| C8 0,1 μF | | | |
| C9 0,1 μF | | | |
| C10 0,9 μF | | | |
| C11 0,1 μF | | S1, S2, S3 | A 1000 54.4 |
| C12 0,1 μF | | S4, S5, S6 | A 151 02.1 |
| C13 0,1 μF | | S7, S8, S9 | A 1348 37.0 |
| C14 0,2 μF | | S10, C17 | A 1348 37.0 |
| C15 0,2 μF | | S11, C18 | |
| R3 47 Ω | | | |
| | | T | 7934 |