

# PHILIPS SERVICE

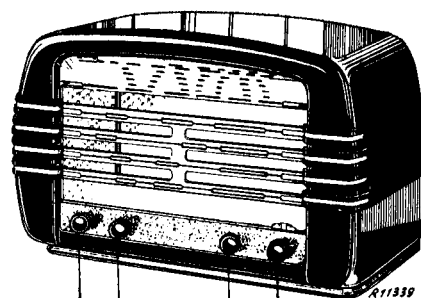
# BX 480 A

13,5- 20 m (22,2- 15 Mc/s)

17 - 26 m ( 17,65- 11,54 Mc/s)  
21,6- 32 m ( 13,95- 9,37 Mc/s)  
32 - 50 m ( 9,38- 6 Mc/s)  
185 - 580 m (1620 -517 Kc/s)  
714 -2000 m ( 420 -150 Kc/s)  
452 Kc/s

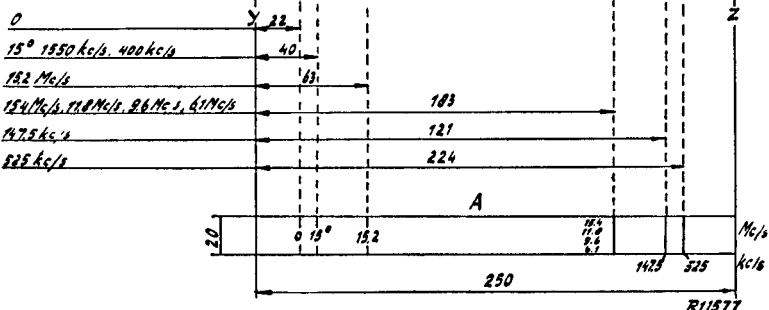
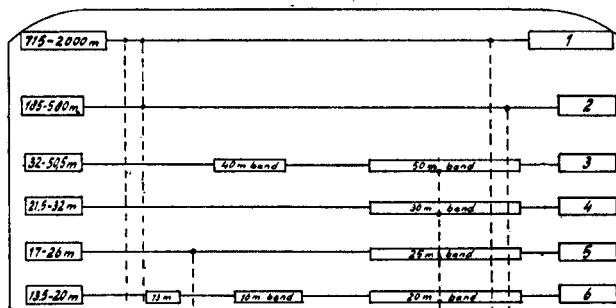
9696-05 Z= 5 Ω

110 V, 125 V, 145 V  
200 V, 220 V, 245 V  
50,5 W.



1948

| 185-580 m                 |   | 185-580 m       |              |
|---------------------------|---|-----------------|--------------|
| VOL. max.                 | ↑ | 11,8 Mc/s.      | VOL. max.    |
| 11,8 Mc/s—Y               | ↑ | 15°             | 1550 kc/s—Y  |
| C4, C5 min.               | ↑ | C19-C10 max.    | 523 kc/s     |
| 452 kc/s - 33000 pF-g, B. | ↑ | 523 kc/s—Y      | C20 max.     |
| S43, S44 - max            | ↑ | 15°             | 1550 kc/s—Y  |
| S41-S42 - max             | ↑ | C19-C10 max.    |              |
| S31-S32 - max             | ↑ |                 |              |
| S33-S34 - max             | ↑ |                 |              |
| 185-580 m                 |   | 714-2000 m      |              |
| VOL. max.                 | ↑ | max.            | ↑            |
| C4-C5 - min.              | ↑ | 9,6 Mc/s        | 15°          |
| 452 kc/s—Y                | ↑ | 9,6 Mc/s—Y      | 400 kc/s—Y   |
| C9 - min.                 | ↑ | S24-S9-S10—max. | C22-C11 max. |
| 0                         | ↑ | 32-50 m.        | 147,5 kc/s   |
| C4-C5 - min.              | ↑ |                 | 147,5 kc/s—Y |
| 17-26 m                   |   | C21 max.        |              |
| VOL. max.                 | ↑ | 15°             | 400 kc/s—Y   |
| 15,2 Mc/s.                | ↑ | C22-C11 max.    |              |
| 15,2 Mc/s—Y               | ↑ |                 |              |
| C27, C7 max.              | ↑ |                 |              |



|         | B1               | B2   | B3   | B4    | B5  |    |
|---------|------------------|------|------|-------|-----|----|
|         | ECH21            | EA42 | EA42 | EBL21 | AZ1 |    |
| Va      | aH 257<br>aT 150 | 257  | 78   | 265   | 290 | V  |
| Vg2(+4) | aH 98            | 110  | 44   | 257   |     | V  |
| Ia      | aH 2,3<br>aT 4   | 5,1  | 0,95 | 34    | 61  | mA |
| Ig2(+4) | aH 7,1           | 1,5  | 0,31 | 4,5   |     | mA |

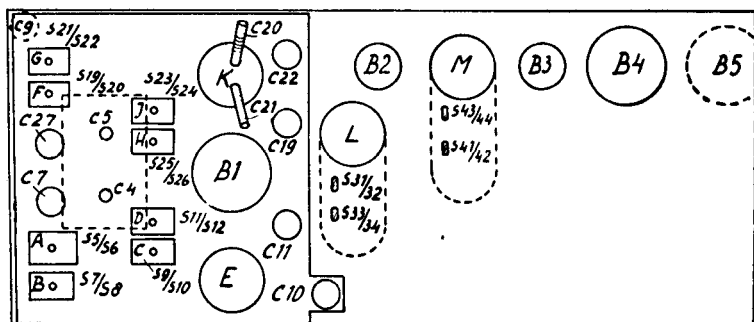
VC 1 = 290 V

VC 2 = 257 V

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|     |            |                |     |           |                 |
|-----|------------|----------------|-----|-----------|-----------------|
| R1  | 1200 Ω     | 48 468 10/1K2  | C1  | 50 μF     | 48 317 59/50-50 |
| R2  | 0,82 MΩ    | 48 555 10/820K | C2  | 50 μF     | 48 313 22/100   |
| R3  | 47.000 Ω   | 48 555 10/47K  | C3  | 100 μF    | 48 313 22/100   |
| R4  | 22.000 Ω   | 48 427 10/22K  | C4  | 12-492 pF | 49 001 23.1     |
| R5  | 82 Ω       | 48 426 05/82E  | C5  | 12-492 pF | 28 212 36.4     |
| R6  | 33 Ω       | 48 555 10/33E  | C7  | 30 pF     | 48 201 10/12E   |
| R7  | 23.500 Ω/2 | 48 427 10/47K  | C8  | 12 pF     | 28 212 36.4     |
| R8  | 0,1 MΩ     | 48 557 10/100K | C9  | 30 pF     | 28 212 36.4     |
| R9  | 0,47 MΩ    | 48 555 10/470K | C10 | 30 pF     | 28 212 36.4     |
| R10 | 18.000 Ω   | 48 555 10/18K  | C11 | 30 pF     | 48 203 20/220E  |
| R11 | 47.000 Ω   | 48 555 10/47K  | C12 | 220 pF    | 48 750 10/47K   |
| R13 | 22.000 Ω   | 48 555 10/22K  | C13 | 47.000 pF | 48 751 10/47K   |
| R14 | 0,65 MΩ    | 49.500 33.0    | C14 | 47.000 pF | 48 203 01/115E  |
| R15 | 2 MΩ       | 48 555 10/220K | C15 | 115 pF    | 48 203 20/470E  |
| R16 | 0,22 MΩ    | 49 477 00.0    | C16 | 470 pF    | 48 203 10/56E   |
| R17 | 0,2 MΩ     | 48 555 10/820K | C17 | 56 pF     | 48 429 99/115E  |
| R18 | 2 MΩ       | 48 555 10/390K | C18 | 115 pF    | 28 212 36.4     |
| R19 | 0,82 MΩ    | 48 426 10/1M5  | C19 | 30 pF     | 49 005 55.2     |
| R20 | 0,39 MΩ    | 48 555 10/100K | C20 | 175 pF    | 49 005 52.2     |
| R21 | 1,5 MΩ     | 48 426 10/1M5  | C21 | 30 pF     | 28 212 36.4     |
| R22 | 0,1 MΩ     | 48 426 10/1M5  | C22 | 30 pF     | 48 200 20/4E7   |
| R23 | 1,5 MΩ     | 48 556 10/100K | C23 | 115 pF    | 28 212 36.4     |
| R24 | 0,1 MΩ     | 48 555 10/560K | C24 | 115 pF    |                 |
| R25 | 0,56 MΩ    | 48 555 10/1K   | C25 | 4,7 pF    |                 |
| R26 | 1000 Ω     | 48 555 10/680K | C27 | 30 pF     |                 |
| R28 | 0,68 MΩ    | 48 555 10/150K | C29 | 115 pF    |                 |
| R29 | 0,15 MΩ    |                | C30 | 115 pF    |                 |
|     |            |                | C31 | 18 pF     | 48 201 10/18E   |
|     |            |                | C32 | 3300 pF   | 48 751 10/3K3   |
|     |            |                | C33 | 15.000 pF | 48 750 10/15K   |
|     |            |                | C34 | 3,9 pF    | 48 200 20/3E9   |
|     |            |                | C35 | 4700 pF   | 48 751 10/4K7   |
|     |            |                | C36 | 56.000 pF | 48 750 10/56K   |
|     |            |                | C37 | 830 pF    | 48 203 10/330E  |
|     |            |                | C38 | 47 pF     | 48 203 10/47E   |
|     |            |                | C39 | 0,1 μF    | 48 751 10/100K  |
|     |            |                | C40 | 10.000 pF | 48 751 10/10K   |
|     |            |                | C41 | 2200 pF   | 48 751 10/2K2   |
|     |            |                | C42 | 22.000 pF | 48 758 20/22K   |
|     |            |                | C44 | 10 pF     | 48 201 10/10E   |
|     |            |                | C48 | 47.000 pF | 48 751 10/47K   |
|     |            |                | C49 | 22 pF     | 48.201 20/22E   |
|     |            |                | C50 | 47.000 pF | 48 751 10/47K   |

|                 |             |                |             |
|-----------------|-------------|----------------|-------------|
| S1; S2; S3; S4; | A3 141 44.4 | S23; S24;      | A3 110 83.0 |
| S4; S6;         | A3 110 77.1 | S25; S26;      | A3 110 84.1 |
| S7; S8;         | A3 110 78.0 | S27; S28; S29; | A3 122 21.0 |
| S9; S10;        | A3 110 79.0 | S30;           |             |
| S11; S12;       | A3 110 80.0 | S31; S32; S33; | A3 121 94.2 |
| S13; S14; S15;  | A3 122 20.1 | S34; C23; C24; |             |
| S16; S16a;      |             | S41; S42; S43; | A3 121 94.2 |
| S17;            | A3 110 60.1 | S44; C29; C30; |             |
| S19; S20;       | A3 110 81.0 | S45; S46; S47; | A3 168 75.1 |
| S21; S22;       | A 110 82.0  | S48; S49; S50; |             |
|                 |             | S51;           | A9 864 98.0 |



R116 47

93 953 04.1.

