



# PHILIPS SERVICE

Wechselstrom-Super für AM und FM

## BD 373 A

„Sirius 373“

### Technische Daten

Wellenbereiche: FM: UKW 87,5 — 100 MHz  
 AM: KW 6 — 12 MHz  
 MW 518 — 1622 kHz  
 LW 148 — 345 kHz

Schaltung: FM: 11 Kreise  
 AM: 6 Kreise

Tondemodulation: FM: Ratiodetektor  
 AM: Diode

Zwischenfrequenz: FM: 10,7 MHz  
 AM: 460 kHz

Netzspannung: 220 Volt 50 Hz~

Sicherung: 0,4 Amp. mittelträge

Skalenbeleuchtung: 2 x 7 Volt, 0,3 Amp.

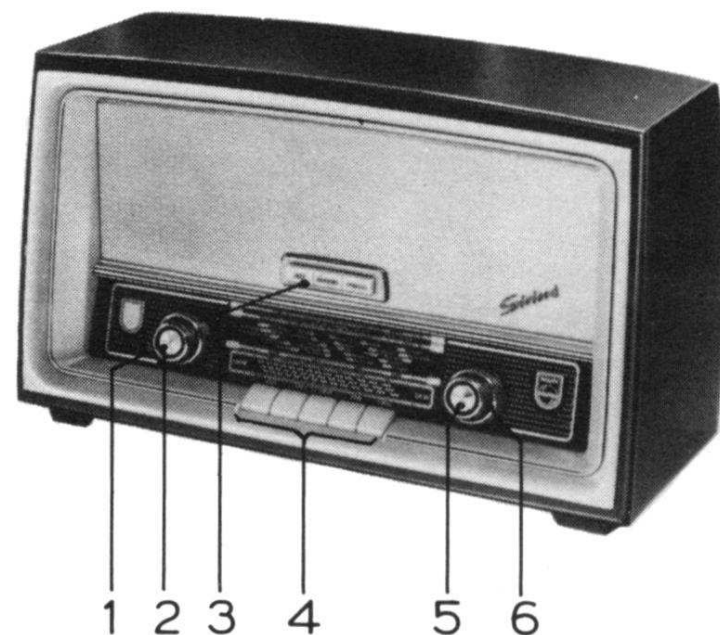
Leistungsaufnahme: ca. 50 Watt

Lautsprecher: Oval-Lautsprecher, Z = 5 Ohm

Abmessungen: Breite: 432 mm  
 Höhe: 262 mm  
 Tiefe: 193 mm

Gewicht: ca. 5,5 kg

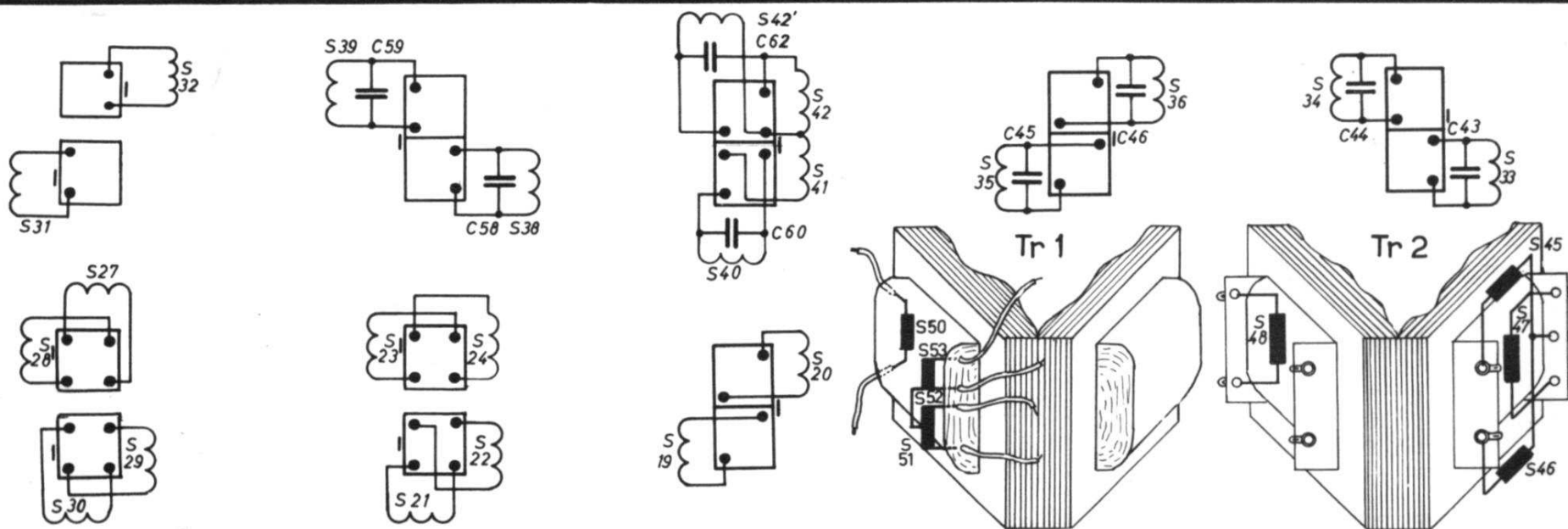
Fertigungsjahr: 1957/58



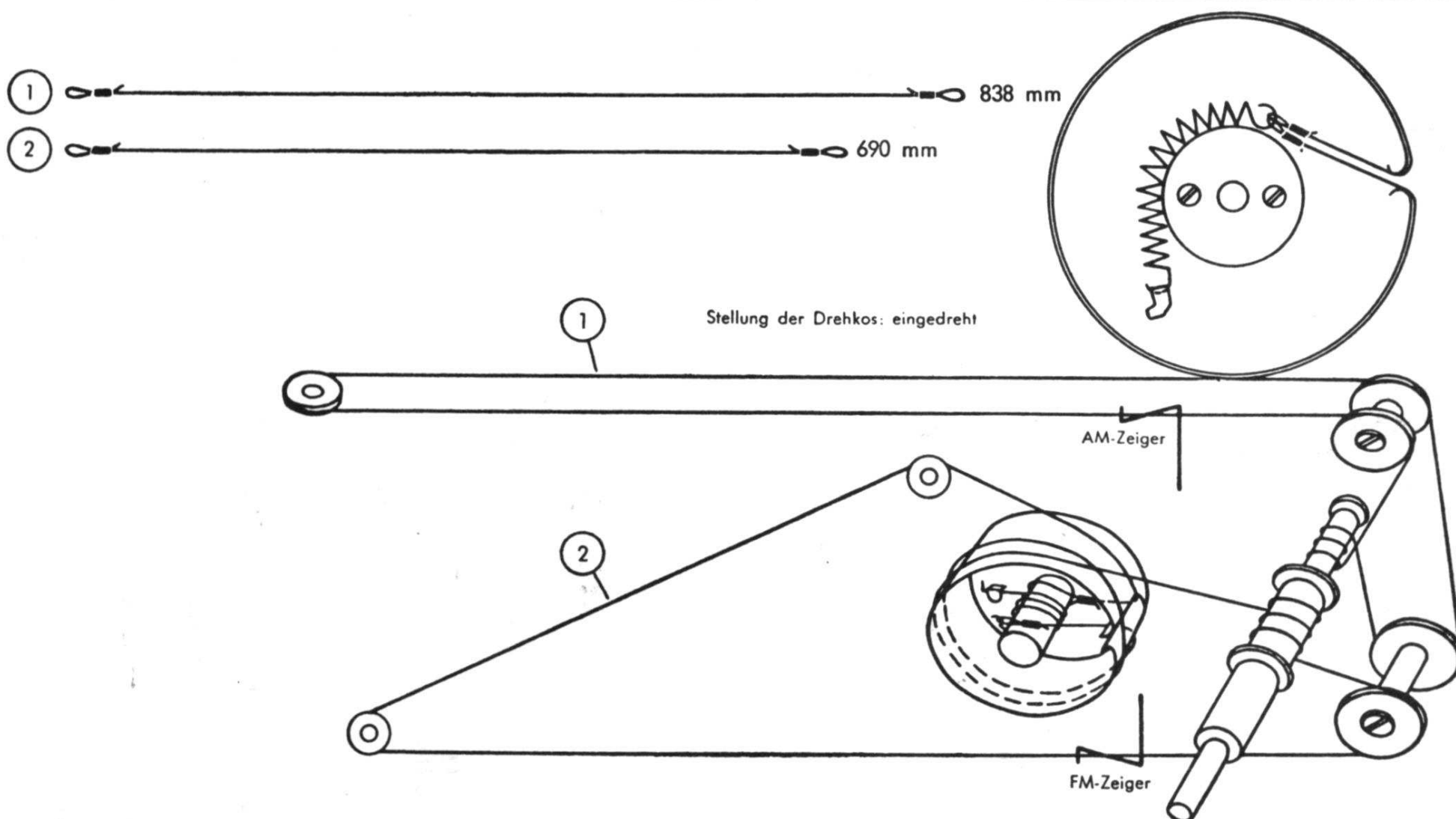
### Bedienungsknöpfe

- |                        |                 |
|------------------------|-----------------|
| 1 Tonregler            | 5 FM-Abstimmung |
| 2 Lautstärkeregler     | 6 AM-Abstimmung |
| 3 Klangselektor        |                 |
| 4 Wellenbereich-Tasten |                 |

### Spulenanschlussplan



### Seilführungsplan



| Widerstände |        |                             |             |                |      |                             |                     | Kondensatoren |                |                        |             |                        |           |                                     |              |         |                    |         |                |                  |         |                 |
|-------------|--------|-----------------------------|-------------|----------------|------|-----------------------------|---------------------|---------------|----------------|------------------------|-------------|------------------------|-----------|-------------------------------------|--------------|---------|--------------------|---------|----------------|------------------|---------|-----------------|
| Pos.        | Wert   | Art u. Mindestbelastbarkeit | Code-Nummer | Pos.           | Wert | Art u. Mindestbelastbarkeit | Code-Nummer         | Pos.          | Wert           | Art u. Mindestspannung | Code-Nummer | Pos.                   | Wert      | Art u. Mindestspannung              | Code-Nummer  |         |                    |         |                |                  |         |                 |
| R1          | 1 kΩ   | Draht-Wid.                  | 3 W         | WN 578 74/WJK  | R31  | 390 Ω                       | Kohle-Wid.          | 0,1 W         | A9 999 01/390E | C1                     | 50 pF       | Elektrolyt-Kond.       | 250/280 V | A9 999 12/L 50+50                   | C50          | 1,5 nF  | Ker.Kond.          | 500 V   | A9 999 04/1K5  |                  |         |                 |
| R2          | -      | -                           | -           | -              | R32  | 15 kΩ                       | Kohle-Wid.          | 0,33 W        | A9 999 02/15K  | C2                     | 50 pF       |                        |           |                                     | C51          | 5 pF    | Ker.Scheiben Kond. | 500 V   | A9 999 04/4E7  |                  |         |                 |
| R3          | -      | -                           | -           | -              | R33  | 56 kΩ                       | Kohle-Wid.          | 0,5 W         | A9 999 02/56K  | C3                     | 10 nF       |                        |           |                                     | Ker.Kond.    | 500 V   | A9 999 04/10K      | C52     | 18 pF          | in Spule S12,S13 | -       | -               |
| R4          | -      | -                           | -           | -              | R34  | 1 kΩ                        | Kohle-Wid.          | 0,5 W         | A9 999 02/1K   | C4                     | -           |                        |           |                                     | -            | -       | -                  | C53     | 24 pF          | in Spule S12,S13 | -       | -               |
| R5          | -      | -                           | -           | -              | R35  | 330 kΩ                      | Kohle-Wid.          | 0,1 W         | A9 999 01/330K | C5                     | 1,5 nF      |                        |           |                                     | Ker.Kond.    | 500 V   | A9 999 04/1K5      | C54     | 12,5 pF        | Drahttrimmer     | -       | A9 999 07/12,5E |
| R6          | -      | -                           | -           | -              | R36  | 1 MΩ                        | Kohle-Wid.          | 0,5 W         | A9 999 02/1M   | C6                     | 10 nF       | Ker.Kond.              | 500 V     | A9 999 04/10K                       | C55          | 39 pF   | Ker.Kond.          | 500 V   | A9 999 04/39E  |                  |         |                 |
| R7          | -      | -                           | -           | -              | R37  | 1 MΩ                        | Kohle-Wid.          | 0,1 W         | A9 999 01/1M   | C7                     | 1,5 nF      | Ker.Kond.              | 500 V     | A9 999 04/1K5                       | C56          | -       | -                  | -       | -              |                  |         |                 |
| R8          | -      | -                           | -           | -              | R38  | 100 kΩ                      | Kohle-Wid.          | 0,25 W        | A9 999 02/100K | C8                     | 47 pF       | in Spule S12,S13       | -         | -                                   | C57          | 0,5 pF  | Miniatur Elko      | 70/80 V | A9 999 09/EO,5 |                  |         |                 |
| R9          | 5 Ω    | Kohle-Wid.                  | 0,1 W       | A9 999 01/5E   | R39  | 1,5 MΩ                      | Kohle-Wid.          | 0,1 W         | A9 999 01/1M5  | C9                     | 47 pF       | in Spule S12,S13       | -         | -                                   | C58          | 195 pF  | in Spule S38,S39   | -       | -              |                  |         |                 |
| R10         | 120 Ω  | Kohle-Wid.                  | 0,1 W       | A9 999 01/120E | R40  | 4,7 MΩ                      | Kohle-Wid.          | 0,25 W        | A9 999 02/4M7  | C10                    | 1,5 nF      | Ker.Kond.              | 500 V     | A9 999 04/1K5                       | C59          | 195 pF  | in Spule S38,S39   | -       | -              |                  |         |                 |
| R11         | -      | -                           | -           | -              | R41  | 15 kΩ                       | Kohle-Wid.          | 0,25 W        | A9 999 02/15K  | C11                    | 470 pF      | Miniatur Kond.         | 500 V     | A9 999 06/470E                      | C60          | 10 pF   | in Spule S40-S42   | -       | -              |                  |         |                 |
| R12         | -      | -                           | -           | -              | R42  | 33 kΩ                       | Kohle-Wid.          | 0,1 W         | A9 999 01/33K  | C12                    | 3,7 pF      | Rohrtrimmer            | -         | AC 2004/3                           | C61          | 47 pF   | in Spule S40-S42   | -       | -              |                  |         |                 |
| R13         | 8,2 kΩ | Kohle-Wid.                  | 0,5 W       | A9 999 02/8K2  | R43  | 150 Ω                       | Kohle-Wid.          | 0,1 W         | A9 999 01/150E | C13                    | 10 nF       | Ker.Kond.              | 500 V     | A9 999 04/10K                       | C62          | 10 nF   | Ker.Kond.          | 500 V   | A9 999 04/10K  |                  |         |                 |
| R14         | 3,9 kΩ | Kohle-Wid.                  | 0,5 W       | A9 999 02/3K9  | R44  | 8,2 kΩ                      | Kohle-Wid.          | 0,25 W        | A9 999 02/8K2  | C14                    | 1 nF        | Styroflex Kond.        | 250 V     | A9 999 05/1K                        | C63          | 10 nF   | Ker.Kond.          | 500 V   | A9 999 04/10K  |                  |         |                 |
| R15         | -      | -                           | -           | -              | R45  | 2,7 MΩ                      | Vitrohm-Wid.        | 0,5 W         | A9 999 02/2M7  | C15                    | 33 pF       | Ker.Kond.              | 500 V     | A9 999 04/33E                       | C64          | 10 nF   | Ker.Kond.          | 500 V   | A9 999 04/10K  |                  |         |                 |
| R16         | 33 Ω   | Kohle-Wid.                  | 0,1 W       | A9 999 01/33E  | R46  | 100 Ω                       | Kohle-Wid.          | 0,1 W         | A9 999 01/100E | C16                    | 220 pF      | in Spule S16,S16'      | -         | -                                   | C65          | -       | -                  | -       | -              |                  |         |                 |
| R17         | 1 MΩ   | Kohle-Wid.                  | 0,1 W       | A9 999 01/1M   | R47  | 1,5 MΩ                      | Doppelpotentiometer | +log.         | -              | C17                    | 12 pF       | Ker.Kond.              | 500 V     | A9 999 04/12E                       | C66          | -       | -                  | -       | -              |                  |         |                 |
| R18         | 330 Ω  | Kohle-Wid.                  | 0,1 W       | A9 999 01/330E | R47* | 0,5 MΩ                      |                     | lin.          | WE 364 37      | C18                    | 6 pF        | Ker.Rohrtrimmer, isol. | -         | AC 2005/6                           | C67          | -       | -                  | -       | -              |                  |         |                 |
| R19         | 390 kΩ | Kohle-Wid.                  | 0,1 W       | A9 999 01/390K | R48  | 0,5 MΩ                      |                     | +log.         | -              | C19                    | 12 pF       | Ker.Kond.              | 500 V     | A9 999 04/12E                       | C68          | 68 pF   | Ker.Kond.          | 500 V   | A9 999 04/68E  |                  |         |                 |
| R20         | 150 Ω  | Kohle-Wid.                  | 0,25 W      | A9 999 02/150E | R49  | 47 kΩ                       | Kohle-Wid.          | 0,25 W        | A9 999 02/47K  | C20                    | 6 pF        | Ker.Kond.              | 500 V     | A9 999 04/56E                       | C69          | 47 nF   | Miniatur Kond.     | 125 V   | A9 999 06/47K  |                  |         |                 |
| R21         | 470 kΩ | Kohle-Wid.                  | 0,1 W       | A9 999 01/470K | R50  | 220 kΩ                      | Kohle-Wid.          | 0,5 W         | A9 999 02/220K | C21                    | 12,5 pF     | 2-fach UKW-Drehko      | -         | WE 346 46                           | C70          | 330 pF  | Ker.Kond.          | 500 V   | A9 999 04/330E |                  |         |                 |
| R22         | 1 MΩ   | Kohle-Wid.                  | 0,25 W      | A9 999 02/1M   | R51  | 100 kΩ                      | Kohle-Wid.          | 0,25 W        | A9 999 02/100K | C22                    | 12,5 pF     |                        |           |                                     | C71          | 330 pF  | Ker.Kond.          | 500 V   | A9 999 04/330E |                  |         |                 |
| R23         | 1 MΩ   | Kohle-Wid.                  | 0,1 W       | A9 999 01/1M   | R52  | 560 kΩ                      | Kohle-Wid.          | 0,33 W        | A9 999 02/560K | C23                    | 15 pF       |                        |           |                                     | Ker.Kond.    | 500 V   | A9 999 04/15E      | C72     | 5 pF           | Miniatur Elko    | 70/80 V | A9 999 09/E5    |
| R24         | 330 kΩ | Kohle-Wid.                  | 0,1 W       | A9 999 01/330K | R53  | 470 kΩ                      | Kohle-Wid.          | 0,25 W        | A9 999 02/470K | C24                    | 33 pF       |                        |           |                                     | Ker.Kond.    | 500 V   | A9 999 04/33E      | C73     | 10 nF          | Ker.Kond.        | 500 V   | A9 999 04/10K   |
| R25         | 33 kΩ  | Kohle-Wid.                  | 0,1 W       | A9 999 01/33K  | R54  | 47 Ω                        | Vitrohm-Wid.        | 0,5 W         | A9 999 02/47E  | C25                    | 12,5 pF     |                        |           |                                     | Drahttrimmer | -       | A9 999 07/12,5E    | C74     | 33 nF          | Miniatur Kond.   | 125 V   | A9 999 06/33K   |
| R26         | 33 kΩ  | Kohle-Wid.                  | 1 W         | A9 999 00/33K  | R55  | 120 Ω                       | Draht-Wid.          | 1 W           | A9 999 00/120E | C26                    | 30 pF       | Lufttrimmer            | -         | A9 999 08/30E                       | C75          | 2,7 nF  | Miniatur Kond.     | 500 V   | A9 999 06/2K7  |                  |         |                 |
| R27         | 33 kΩ  | Kohle-Wid.                  | 0,1 W       | A9 999 01/33K  | R56  | 330 kΩ                      | Kohle-Wid.          | 0,1 W         | A9 999 01/330K | C27                    | 22 pF       | Ker.Kond.              | 500 V     | A9 999 04/22E                       | C76          | 6,8 nF  | Miniatur Kond.     | 250 V   | A9 999 06/6K8  |                  |         |                 |
| R28         | 33 kΩ  | Kohle-Wid.                  | 1 W         | A9 999 00/33K  |      |                             |                     |               |                | C28                    | -           | -                      | -         | -                                   | C77          | 100 pF  | Ker.Kond.          | 500 V   | A9 999 04/100E |                  |         |                 |
| R29         | 150 Ω  | Kohle-Wid.                  | 0,1 W       | A9 999 01/150E |      |                             |                     |               |                | C29                    | 3 nF        | Styroflex Kond.        | 125 V     | A9 999 05/3K                        | C78          | 10 nF   | Miniatur Kond.     | 125 V   | A9 999 06/10K  |                  |         |                 |
| R30         | 1 kΩ   | Kohle-Wid.                  | 0,33 W      | A9 999 02/1K   |      |                             |                     |               |                | C30                    | 450 pF      | Styroflex Kond.        | 125 V     | A9 999 05/450E<br>A9 999 05/30E per | C79          | 0,22 pF | Miniatur Kond.     | 125 V   | A9 999 06/220K |                  |         |                 |
|             |        |                             |             |                |      |                             |                     |               |                | C31                    | 1 nF        | Styroflex Kond.        | 125 V     | A9 999 05/1K                        | C80          | 10 nF   | Miniatur Kond.     | 125 V   | A9 999 06/10K  |                  |         |                 |
|             |        |                             |             |                |      |                             |                     |               |                | C32                    | 220 pF      | Ker.Kond.              | 500 V     | A9 999 04/220E                      | C81          | 0,22 pF | Miniatur Kond.     | 250 V   | A9 999 06/220K |                  |         |                 |
|             |        |                             |             |                |      |                             |                     |               |                | C33                    | 18 pF       | Ker.Kond.              | 500 V     | A9 999 04/18E                       | C82          | 10 nF   | Tauchw.Kond.       | 500 V   | A9 999 06/10K  |                  |         |                 |
|             |        |                             |             |                |      |                             |                     |               |                | C34                    | 498 pF      | -                      | -         | -                                   | C83          | 0,1 pF  | Miniatur Kond.     | 125 V   | A9 999 06/100K |                  |         |                 |
|             |        |                             |             |                |      |                             |                     |               |                | C35                    | 169 pF      | 2-fach AM-Drehko       | -         | 49 001 96                           | C84          | 10 nF   | Miniatur Kond.     | 250 V   | A9 999 06/10K  |                  |         |                 |
|             |        |                             |             |                |      |                             |                     |               |                | C36                    | 10 nF       | Ker.Kond.              | 500 V     | A9 999 04/10K                       | C85          | 100 pF  | Niedervolt Elko    | 12/15 V | A9 999 09/C100 |                  |         |                 |
|             |        |                             |             |                |      |                             |                     |               |                | C37                    | 39 pF       | Ker.Kond.              | 500 V     | A9 999 04/39E                       | C86          | 15 nF   | Miniatur Kond.     | 500 V   | A9 999 06/15K  |                  |         |                 |
|             |        |                             |             |                |      |                             |                     |               |                | C38                    | 30 pF       | Lufttrimmer            | -         | A9 999 08/30E                       | C87          | 6,8 nF  | Tauchw.Kond.       | 1000 V  | A9 999 06/V6K8 |                  |         |                 |
|             |        |                             |             |                |      |                             |                     |               |                | C39                    | 330 pF      | Ker.Kond.              | 500 V     | A9 999 04/330E                      | C88          | 6,8 nF  | Tauchw.Kond.       | 1000 V  | A9 999 06/V6K8 |                  |         |                 |
|             |        |                             |             |                |      |                             |                     |               |                | C40                    | 10 nF       | Ker.Kond.              | 500 V     | A9 999 04/10K                       | C89          | -       | -                  | -       | -              |                  |         |                 |
|             |        |                             |             |                |      |                             |                     |               |                | C41                    | 18 pF       | Ker.Scheiben Kond.     | 500 V     | A9 999 04/18E                       | C90          | 7 pF    | Ker.Kond.          | 500 V   | A9 999 04/6E8  |                  |         |                 |
|             |        |                             |             |                |      |                             |                     |               |                | C42                    | 30 pF       | Lufttrimmer            | -         | A9 999 08/30E                       |              |         |                    |         |                |                  |         |                 |
|             |        |                             |             |                |      |                             |                     |               |                | C43                    | 195 pF      | in Spule S33,S34       | -         | -                                   |              |         |                    |         |                |                  |         |                 |
|             |        |                             |             |                |      |                             |                     |               |                | C44                    | 195 pF      | in Spule S33,S34       | -         | -                                   |              |         |                    |         |                |                  |         |                 |
|             |        |                             |             |                |      |                             |                     |               |                | C45                    | 10 pF       | in Spule S35,S36       | -         | -                                   |              |         |                    |         |                |                  |         |                 |
|             |        |                             |             |                |      |                             |                     |               |                | C46                    | 15 pF       | in Spule S35,S36       | -         | -                                   |              |         |                    |         |                |                  |         |                 |
|             |        |                             |             |                |      |                             |                     |               |                | C47                    | 56 pF       | Ker.Kond.              | 500 V     | A9 999 04/56E                       |              |         |                    |         |                |                  |         |                 |
|             |        |                             |             |                |      |                             |                     |               |                | C48                    | 470 pF      | Styroflex Kond.        | 250 V     | A9 999 05/470E                      |              |         |                    |         |                |                  |         |                 |
|             |        |                             |             |                |      |                             |                     |               |                | C49                    | 235 pF      | Styroflex Kond.        | 125 V     | A9 999 05/240E                      |              |         |                    |         |                |                  |         |                 |



VALVO - RÖHREN VERWENDEN



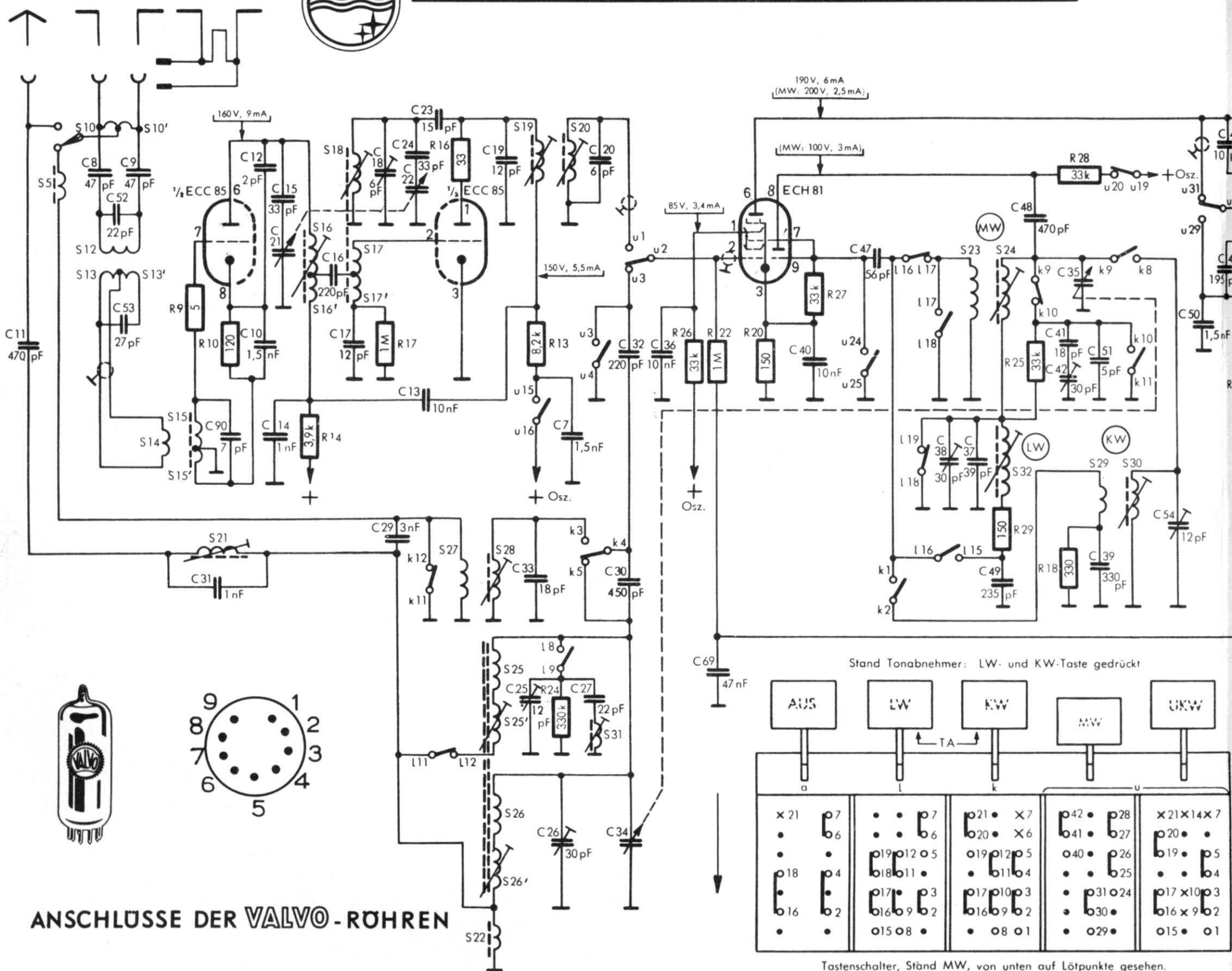
VALVO-ROHREN VERWENDEN

| Spulen |                     |              |      |                                  |             |      |                       |             |      |                           |             |     |     |
|--------|---------------------|--------------|------|----------------------------------|-------------|------|-----------------------|-------------|------|---------------------------|-------------|-----|-----|
| Pos.   | Bezeichnung         | Code-Nummer  | Pos. | Bezeichnung                      | Code-Nummer | Pos. | Bezeichnung           | Code-Nummer | Pos. | Bezeichnung               | Code-Nummer |     |     |
| S1     | } Ferroxcubeperte   | 56 390 31/48 | S16  | } UKW-Zwischenkreisspule         | WE 111 51   | S29  | } MW-Oszillator Spule | WE 121 14   | S40  | } Ratio-Detektor Spule FM | WE 121 19   |     |     |
| S2     |                     |              | S16' |                                  |             | C16  |                       |             | S30  |                           |             | C80 |     |
| S3     | Ferroxcubeperte     | 56 390 31/48 | S17  | } UKW-Oszillator Spule           | WE 111 77   | S31  | Saugkreis Spule       | WE 121 07   | S41  |                           |             |     |     |
| S4     | Ferroxcubeperte     | 56 390 31/48 | S17' |                                  |             | S32  | LW-Oszillator Spule   | WE 121 08   | S42' |                           |             |     |     |
| S5     | Ferroxcubeperte     | 56 390 31/48 | S18  |                                  |             |      |                       |             | C61  |                           |             |     |     |
| S10    | } Drossel           | WE 110 61    | S19  | } ZF-Bandfilter FM               | WE 121 20   | S33  | } ZF-Bandfilter AM    | WE 120 78   | S45  | } Ausgangstrafo           | WE 151 45   |     |     |
| S10'   |                     |              | S20  |                                  |             | S34  |                       |             | S46  |                           |             |     |     |
|        |                     |              |      |                                  |             | C44  |                       |             | S47  |                           |             |     |     |
|        |                     |              |      |                                  |             |      |                       |             |      |                           |             |     | S48 |
| C8     | } Eingangsfilter    | WE 358 41    | S21  | } ZF-Sperrkreis Spule AM+Drossel | WE 121 36   | S35  | } ZF-Bandfilter FM    | WE 121 21   | S50  | } Netztransformator       | WE 141 32   |     |     |
| C9     |                     |              | S22  |                                  |             | S36  |                       |             | S51  |                           |             |     |     |
| C32    |                     |              | S23  | } MW-Oszillator Spule            | WE 121 35   | S37  |                       |             | S52  |                           |             |     |     |
| S12    |                     |              | S24  |                                  |             | C46  |                       |             | S53  |                           |             |     |     |
| C33    |                     |              |      |                                  |             |      |                       |             |      |                           |             |     |     |
| S13    |                     |              | S25  | } Ferroceptor MW + LW            | WE 358 25   | S38  | } ZF-Bandfilter AM    | WE 121 16   | S54  | } Lautsprecher            | WE 670 32   |     |     |
| S13'   |                     |              | S25' |                                  |             | S39  |                       |             |      |                           |             |     |     |
|        |                     |              | S26  |                                  |             |      |                       |             |      |                           |             |     |     |
| S14    | } UKW-Eingangsspule | WE 112 31    | S26' |                                  |             | C59  |                       |             |      |                           |             |     |     |
| S15    |                     |              |      |                                  |             |      |                       |             |      |                           |             |     |     |
| S15'   |                     |              | S27  | } KW-Ant. Spule                  | WE 121 06   |      |                       |             |      |                           |             |     |     |
|        |                     |              | S28  |                                  |             |      |                       |             |      |                           |             |     |     |

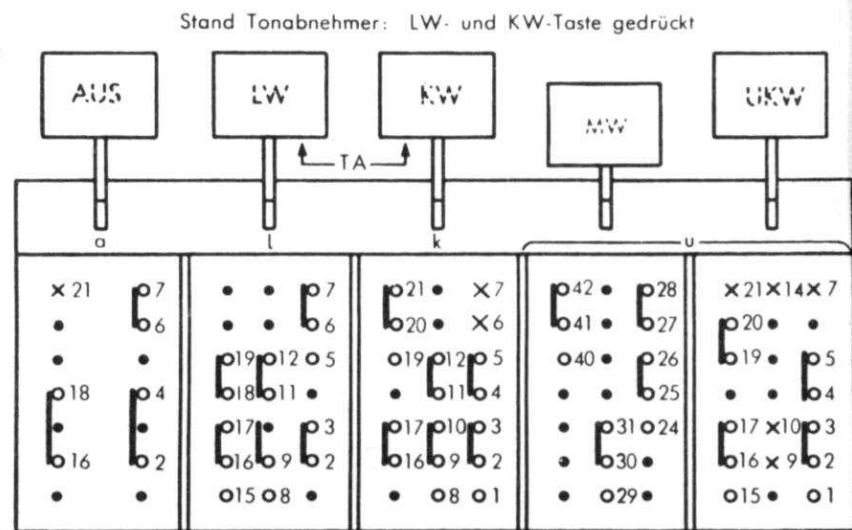
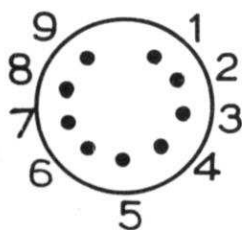
| Service-Ersatzteile |                                      |             |      |                                         |               |      |                                  |             |
|---------------------|--------------------------------------|-------------|------|-----------------------------------------|---------------|------|----------------------------------|-------------|
| Pos.                | Bezeichnung                          | Code-Nummer | Pos. | Bezeichnung                             | Code-Nummer   | Pos. | Bezeichnung                      | Code-Nummer |
| 1                   | Gehäuse-Rahmen                       | WE 725 23   | 16   | Drucktaschenschalter f. Wellenbereiche  | WE 171 41     | 31   | Germaniumdiode                   | OA 85       |
| 2                   | Stations-Skala                       | WE 219 07   | 17   | Tasten, elfenbein                       | HA 713 11     | 32   | Namenszug "Sirius"               | WE 315 28   |
| 3                   | Skalenblende                         | WE 338 45   | 18   | Schiebestreifen, leer f. UKW-Taste      | HA 609 01     | 33   | Taste für Klangelektor "Jazz"    | HA 713 16   |
| 4                   | Skalenlampenfassung                  | WE 670 53   | 19   | Schiebestreifen, leer f. M- u. L-Taste  | HA 609 02     | 34   | Taste für Klangelektor "Konzert" | HA 713 17   |
| 5                   | Skalenseil (Meterware)               | K 302 ZZ/13 | 20   | Schiebestreifen, leer f. Aus-Taste      | HA 609 03     | 35   | Taste für Klangelektor "Sprache" | HA 713 18   |
| 6                   | Mülle für Pos. 5                     | WE 497 22   | 21   | Kontaktstreifen, leer                   | HA 609 00     |      |                                  |             |
| 7                   | Sicherungshalter                     | WE 398 53   | 22   | Kontaktmesser m. Lötflächen             | HA 524 03     |      |                                  |             |
| 8                   | Seilrolle 7 mm Ø                     | WE 712 72   | 23   | Kontaktfeder, schmal                    | HA 524 04     |      |                                  |             |
| 9                   | -                                    | -           | 24   | Kontaktfeder, breit                     | HA 524 05     |      |                                  |             |
| 10                  | Seiltrommel für UKW-Drehko           | WE 327 13   | 25   | Schallwand, bespannt                    | WE 670 72     |      |                                  |             |
| 11                  | Seiltrommel für AM-Drehko            | WE 417 25   | 26   | Blende für Klangelektor                 | WE 304 22     |      |                                  |             |
| 12                  | Knopf, klein                         | WE 365 08   | 27   | Novol-Röhrenfassung                     | WE 395 62     |      |                                  |             |
| 13                  | Knopf, groß                          | WE 365 07   | 28   | Befestigungsfeder für Mikrofilter       | A3 652 58     |      |                                  |             |
| 14                  | Spannungswähler                      | WE 399 92   | 29   | Skalenlampe 7 V, 0,3 Amp. (weiß, lack.) | 7996 D        |      |                                  |             |
| 15                  | Drucktaschenschalter f. Klangelektor | WE 171 42   | 30   | Glasrohrsicherung 0,4 Amp. mittelträge  | A9 999 74/400 |      |                                  |             |



# PHILIPS SERVICE



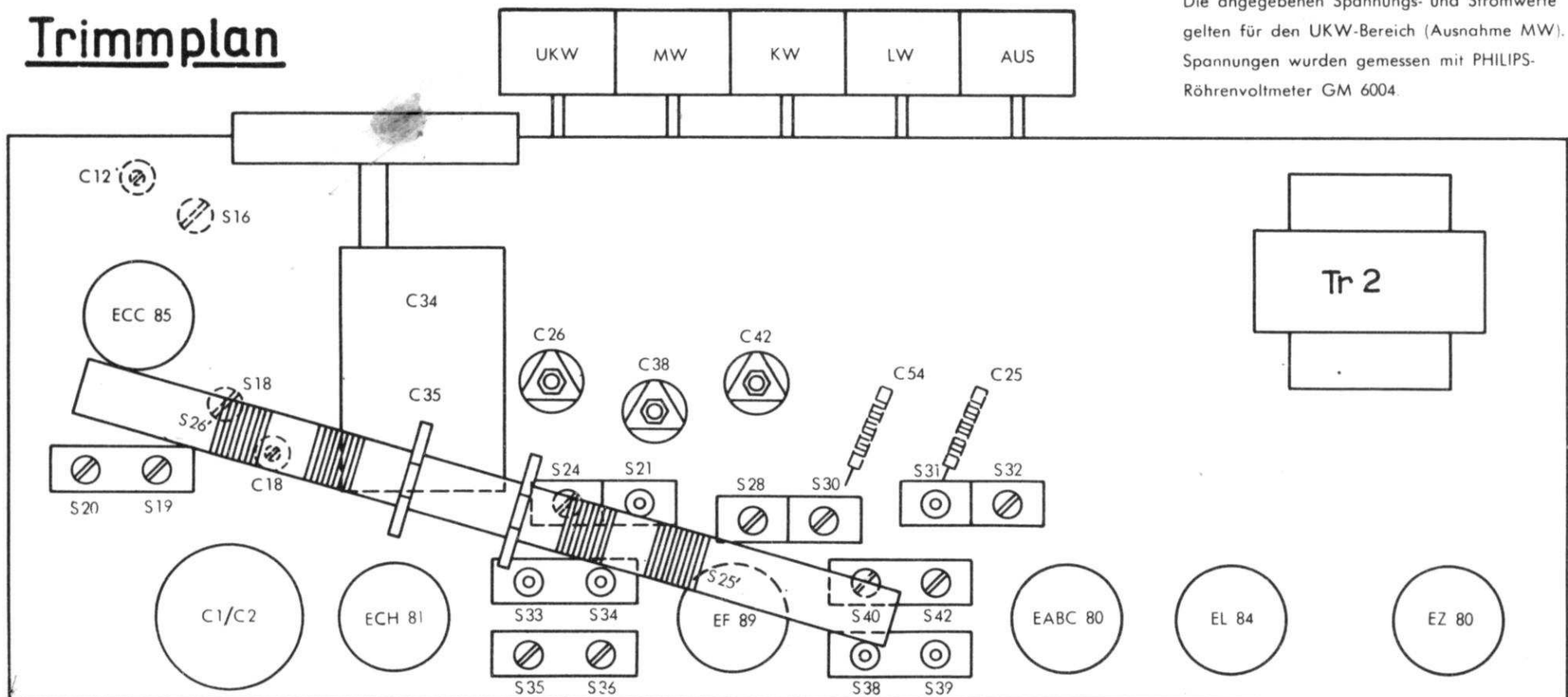
## ANSCHLÜSSE DER VALVO-RÖHREN



Tastenschalter, Stand MW, von unten auf Lötunkte gesehen.  
Hub = 1 Kontaktabstand; o = Schaltkontakt; x = Stützpunkt.

|   |                          |                             |                                 |                                            |             |             |
|---|--------------------------|-----------------------------|---------------------------------|--------------------------------------------|-------------|-------------|
| S | 5, 12, 13, 13', 10, 10', | 14, 15, 15', 21,            | 16, 16', 18, 17, 17',           | 22, 27, 28, 25, 25', 26, 26', 19, 20, 31,  | 23, 24, 32, | 29, 30,     |
| R | 9, 10,                   | 14,                         | 17,                             | 16,                                        | 13, 24,     | 26, 22, 20, |
| C | 11, 8, 52, 9, 53,        | 31, 90, 12, 10, 14, 15, 21, | 16, 17, 18, 29, 24, 22, 13, 23, | 19, 33, 25, 26, 7, 27, 20, 32, 30, 34, 36, | 69,         | 40, 47,     |

## Trimmplan



DEUTSCHE PHILIPS G.M.B.H., HAMBURG 1  
SERVICE-ABT.

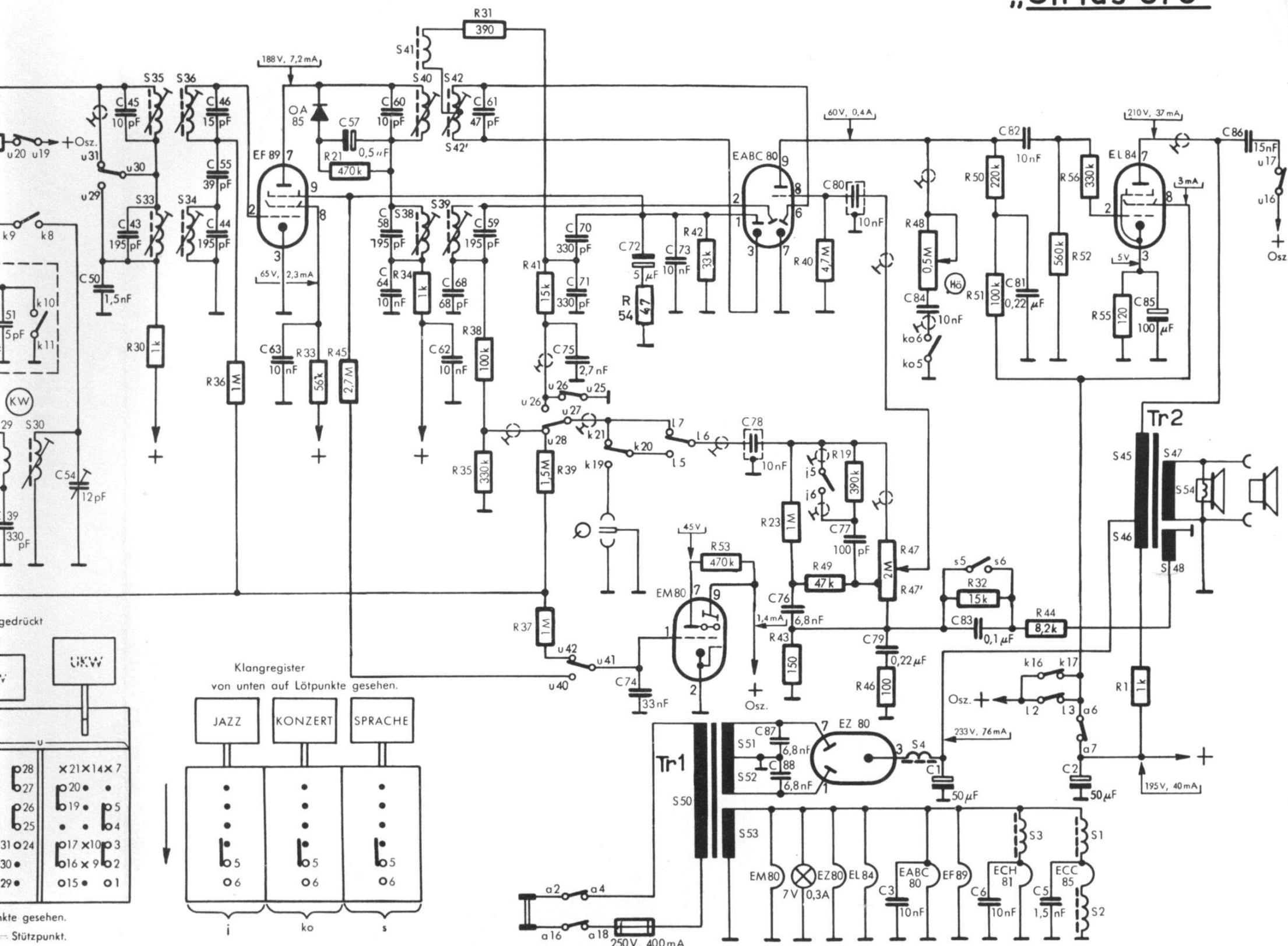
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## Abg

|                    |
|--------------------|
| Abgleich           |
| ZF-Kreise          |
| ZF-Sperrkreise     |
| Abstimmung         |
| Abstimmung         |
| Abstimmung         |
| Spiegelsperrkreise |
| ZF-Kreise          |
| Abstimmung         |

# BD 373 A

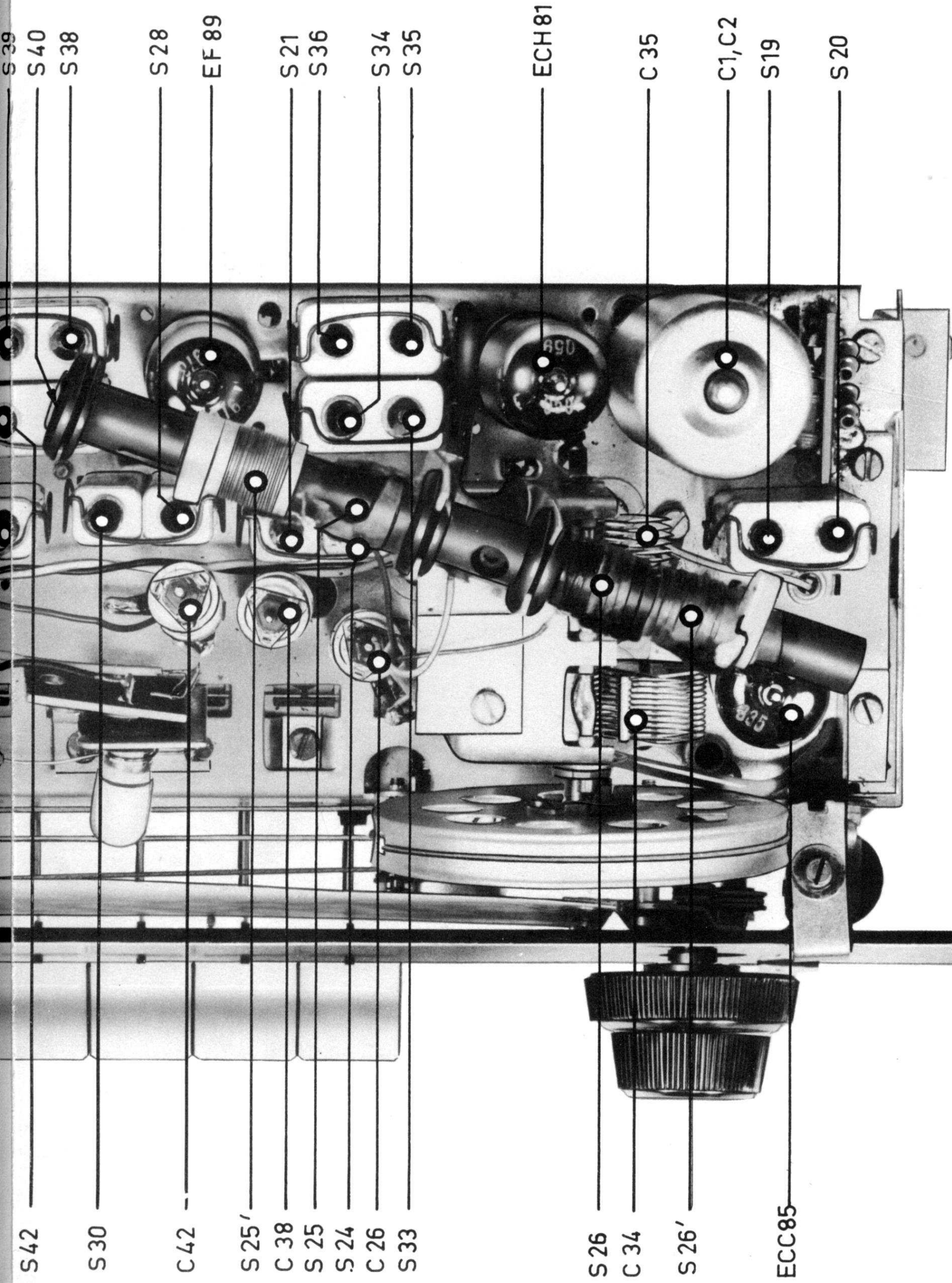
## „Sirius 373“

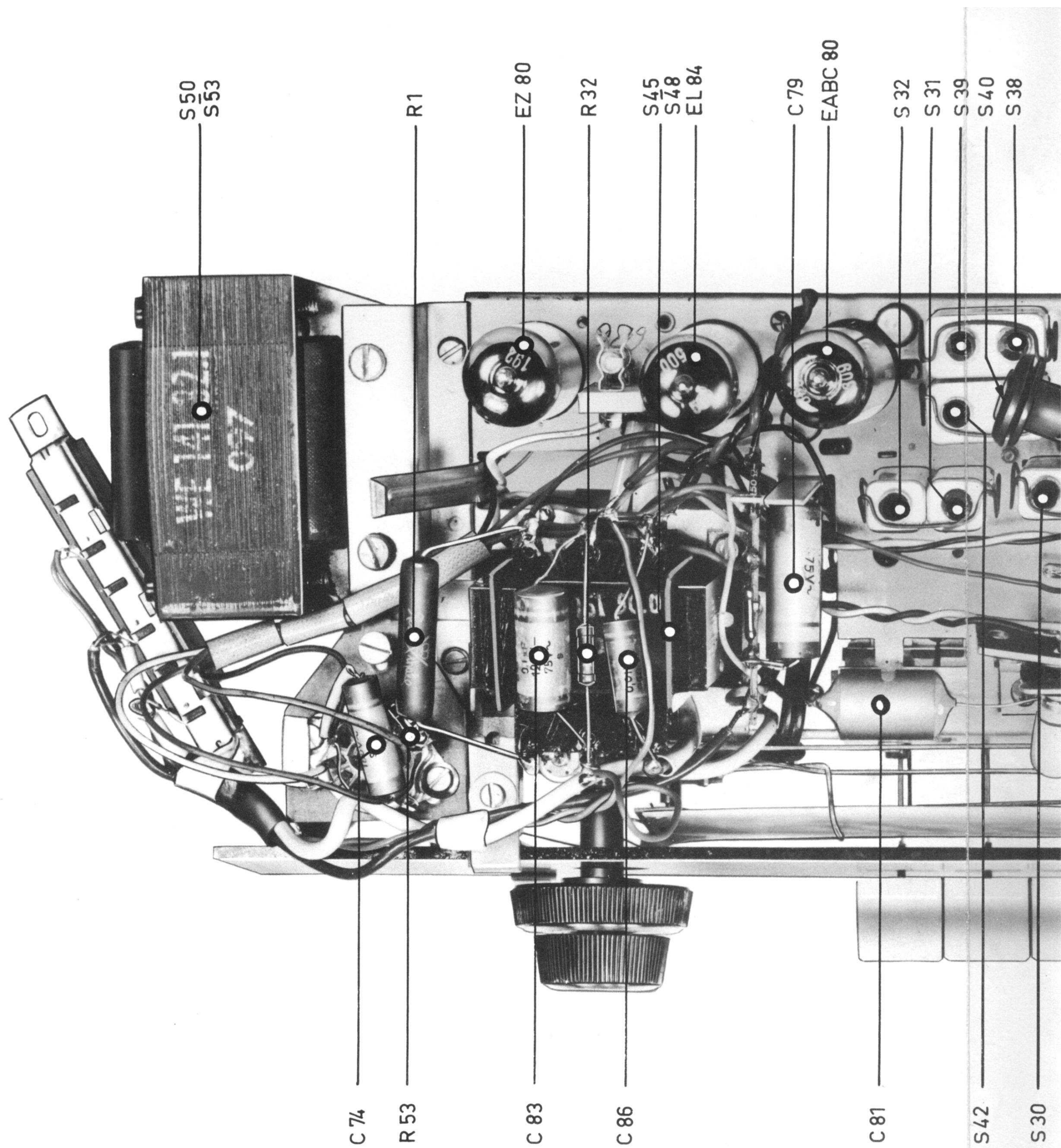


### Abgleichanweisung

| Abgleich-Reihenfolge | Taste | Zeiger auf               | Meßsender-<br>frequenz        | Ankopplung des<br>Meßsenders über                     | Ver-<br>stimmen            | Abgleichen                            | Anzeige                | Hinweis                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------------------|-------|--------------------------|-------------------------------|-------------------------------------------------------|----------------------------|---------------------------------------|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ZF-Kreise AM         | MW    | ● 510 kHz                | 460 kHz                       | 32 nF an g1 ECH 81                                    | S38, S34                   | S39, S38, S33, S34                    | max. Output            | Für alle Abgleicharbeiten Laut-<br>stärkeregler und Höhenregler<br>auf Maximum. Die Zeiger<br>sollen in den Anschlägen<br>hinter den Marken am<br>Skalenende stehen. Beim Ab-<br>gleichen der FM-ZF-Kreise ist<br>— außer dem Outputmeter an<br>2. Lautsprecherbuchsen — über<br>100 kOhm ein Röhrevoltmeter<br>(Philips GM 7635 oder GM<br>6004) parallel zu C73 anzu-<br>schließen. Die Ausgangsspan-<br>nung des Meßsenders ist so zu<br>regeln, daß beim Abgleichen<br>ca. – 1,5V am RV angezeigt<br>wird. |
| ZF-Sperrkreis AM     |       |                          |                               |                                                       | S21                        | min. Output                           |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Abstimmkreise MW     | MW    | ● 550 kHz<br>● 1550 kHz  | 550 kHz<br>1550 kHz           | künstliche Antenne<br><br>an<br><br>AM-Antennenbuchse |                            | S24, S25'<br>C42, C26                 | max. Output            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Abstimmkreise KW     | KW    | ● 5,85 MHz<br>● 12,4 MHz | 5,85 MHz<br>12,4 MHz          |                                                       |                            | S30, S28<br>C54                       |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Abstimmkreise LW     | LW    | ● 155 kHz<br>● 330 kHz   | 155 kHz<br>330 kHz            |                                                       |                            | S32, S26'<br>C38, C25                 |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Spiegelsperre LW     |       | 190 kHz                  | 1110 kHz                      |                                                       | Peilrahmen auf Ferroceptor | S31                                   |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| ZF-Kreise FM         | UKW   | 101 MHz                  | 10,7 MHz FM<br>ca. 15 kHz Hub | 10 nF an g1 ECH 81                                    | S36 eindr.+<br>S42 ausdr.  | S40, S35, S36<br>S42                  | max. RV<br>max. Output |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                      |       |                          |                               | 10 nF an R10/S15'                                     | S20                        | S19, S20                              | max. RV                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                      |       |                          |                               |                                                       |                            |                                       |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Abstimmkreise FM     |       |                          |                               | ● 98 MHz<br>● 88 MHz<br>● 88 MHz                      | 98 MHz<br>88 MHz<br>88 MHz | Symmetrie-Glied<br>an<br>Dipolbuchsen |                        | C18<br>S18<br>S16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

s BD373 A  
 von oben

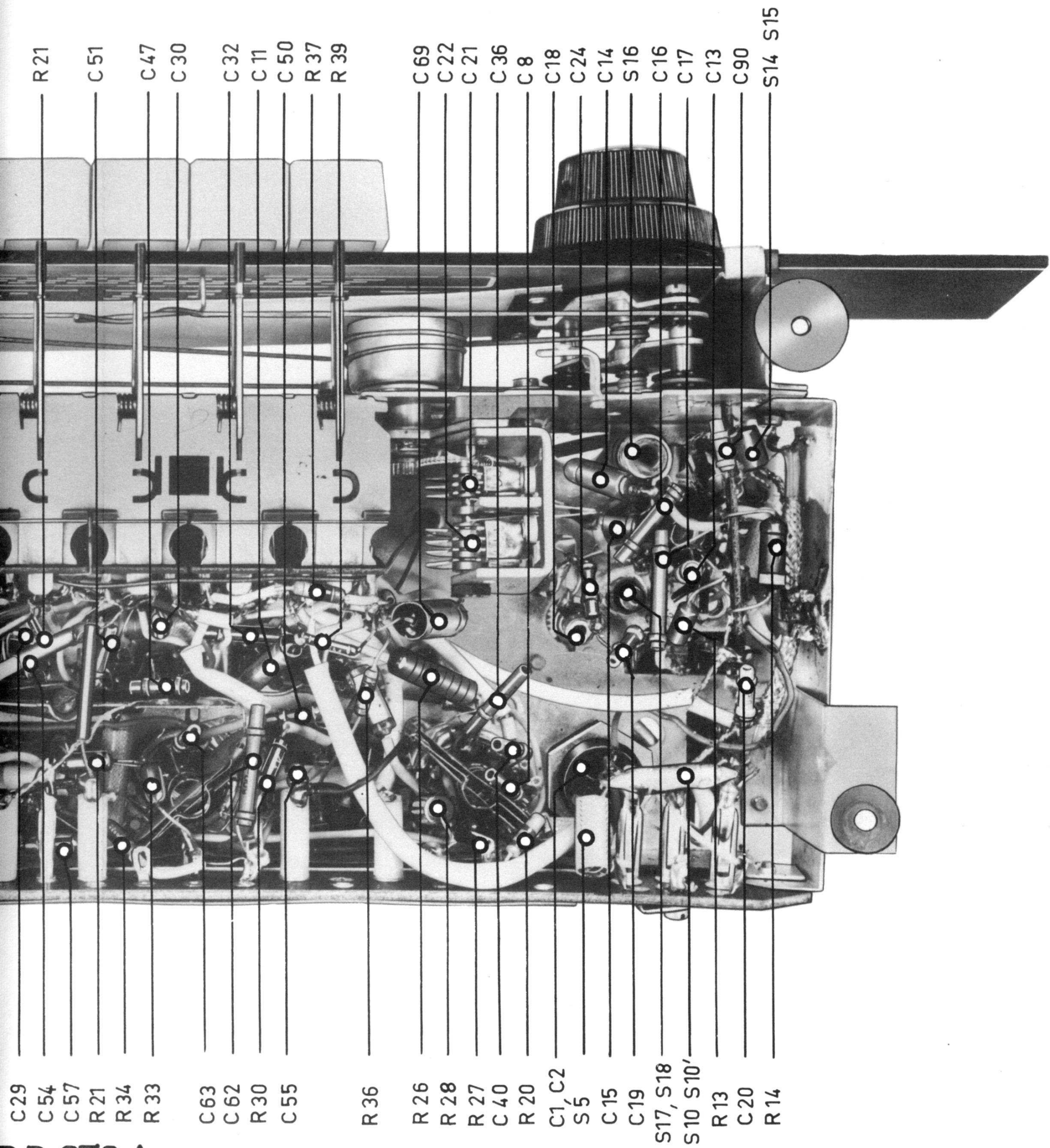


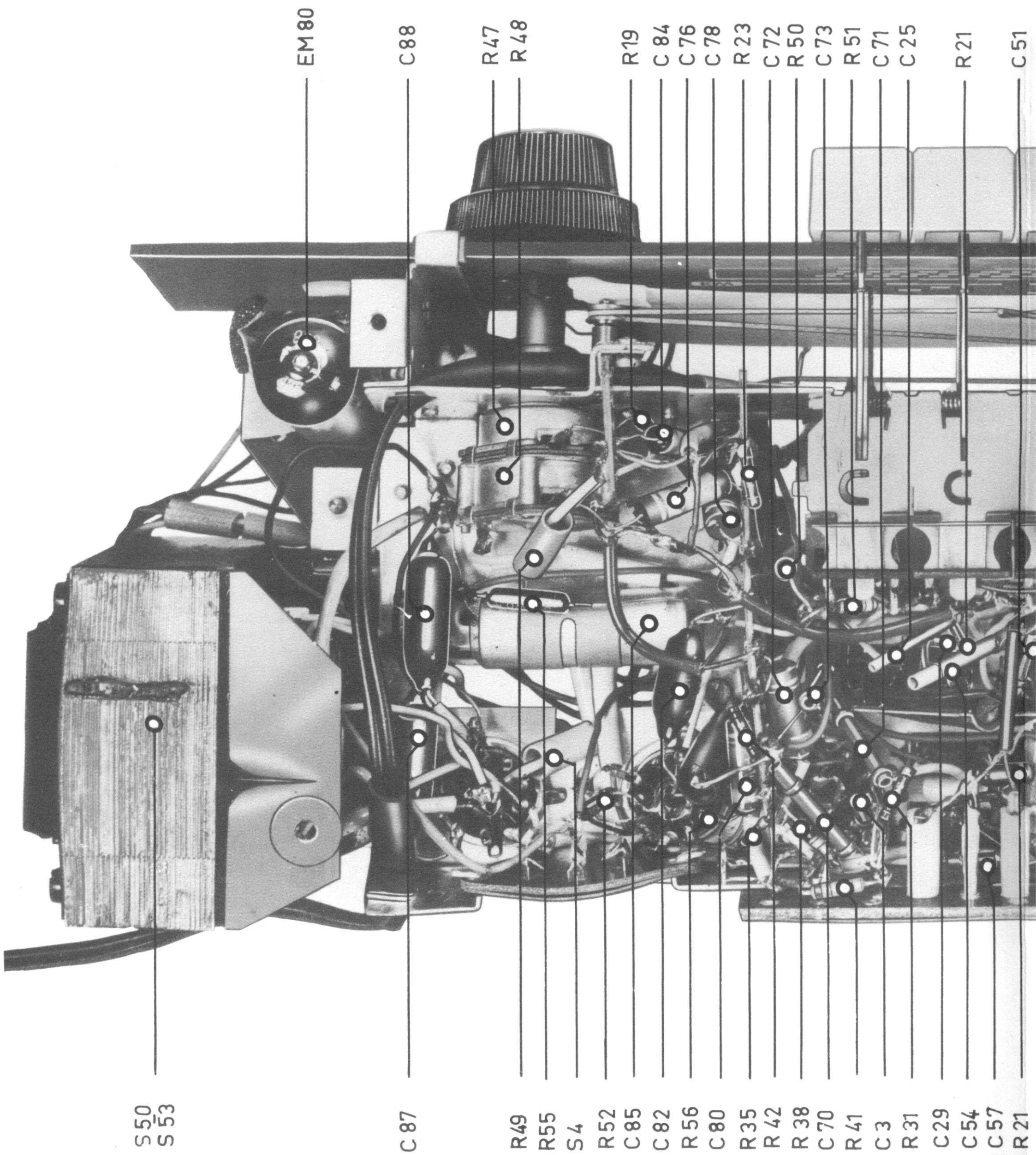


Chassis BD  
Ansicht von

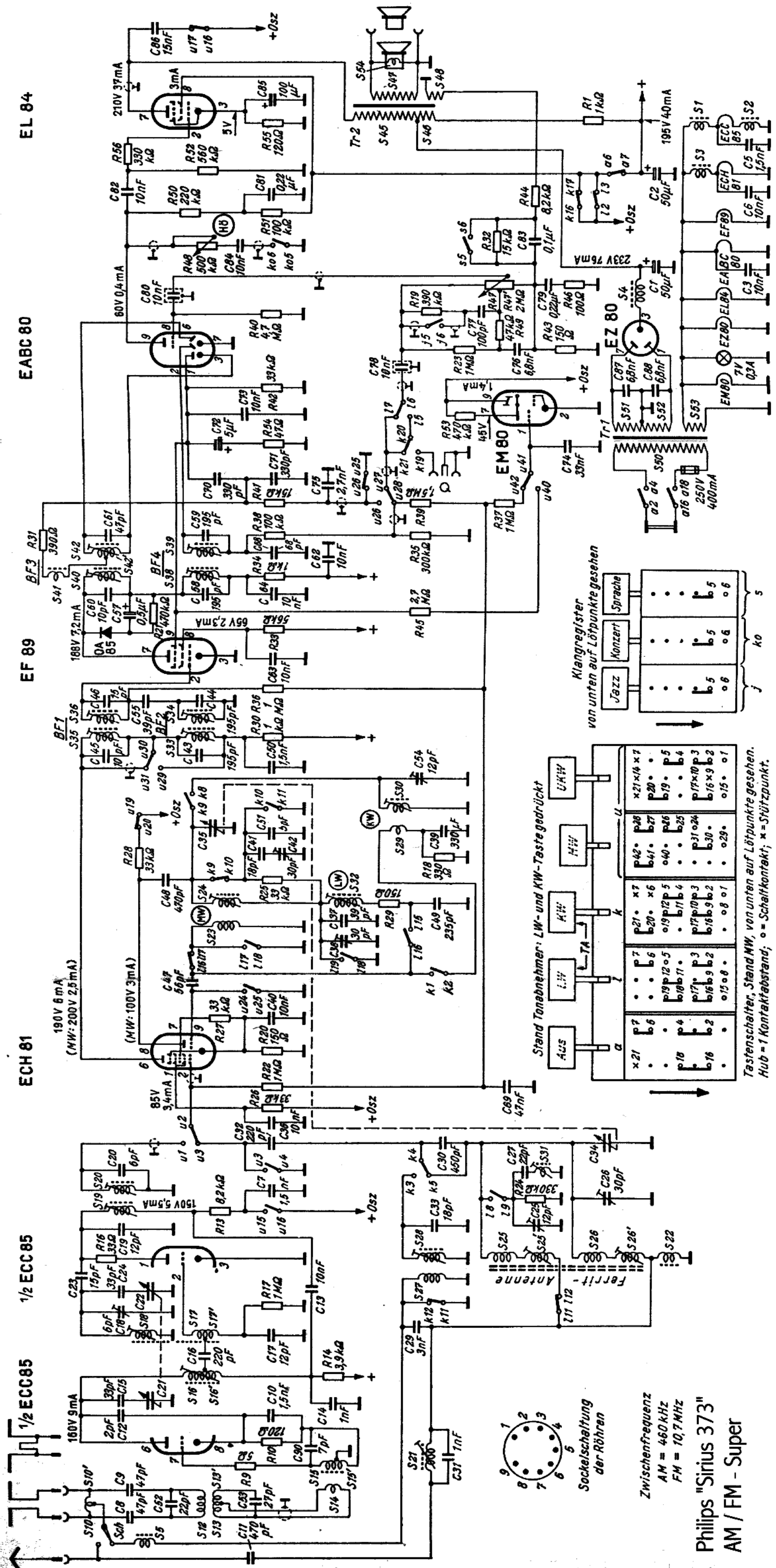
**BD 373 A**

n unten





Chassis BD 373  
Ansicht von unten



Stand Tonabnehmer: LW- und KW-Taste gedrückt

Tastenschalter, Stand MW, von unten auf Lötunkte gesehen. Hub = 1 Kontaktabstand; o = Schaltkontakt; \* = Stützpunkt.

|   |                                                                                                                                                                                                                                                                                                                                                                                                        |
|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| S | 5, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100                         |
| R | 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100 |
| C | 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100 |

Philips "Sirius 373"  
AM / FM - Super

Zwischenfrequenz  
AM = 460 kHz  
FM = 10,7 MHz

Socketbelegung  
der Röhren

