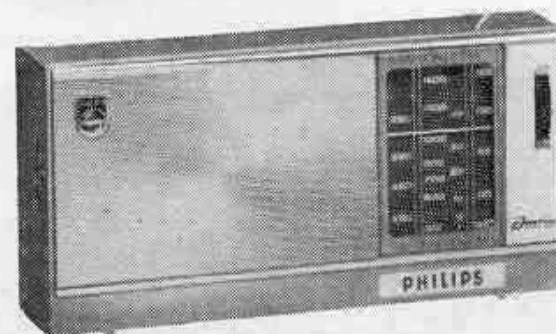
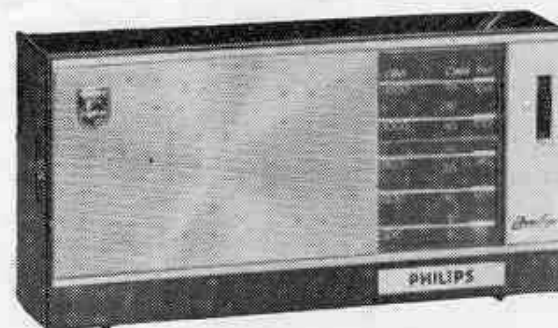


***euroservice.s.a.***

CENTRO OFICIAL DE ASISTENCIA TECNICA

RECEPTOR **PHILIPS**

**30 RL 283**



EDR 029

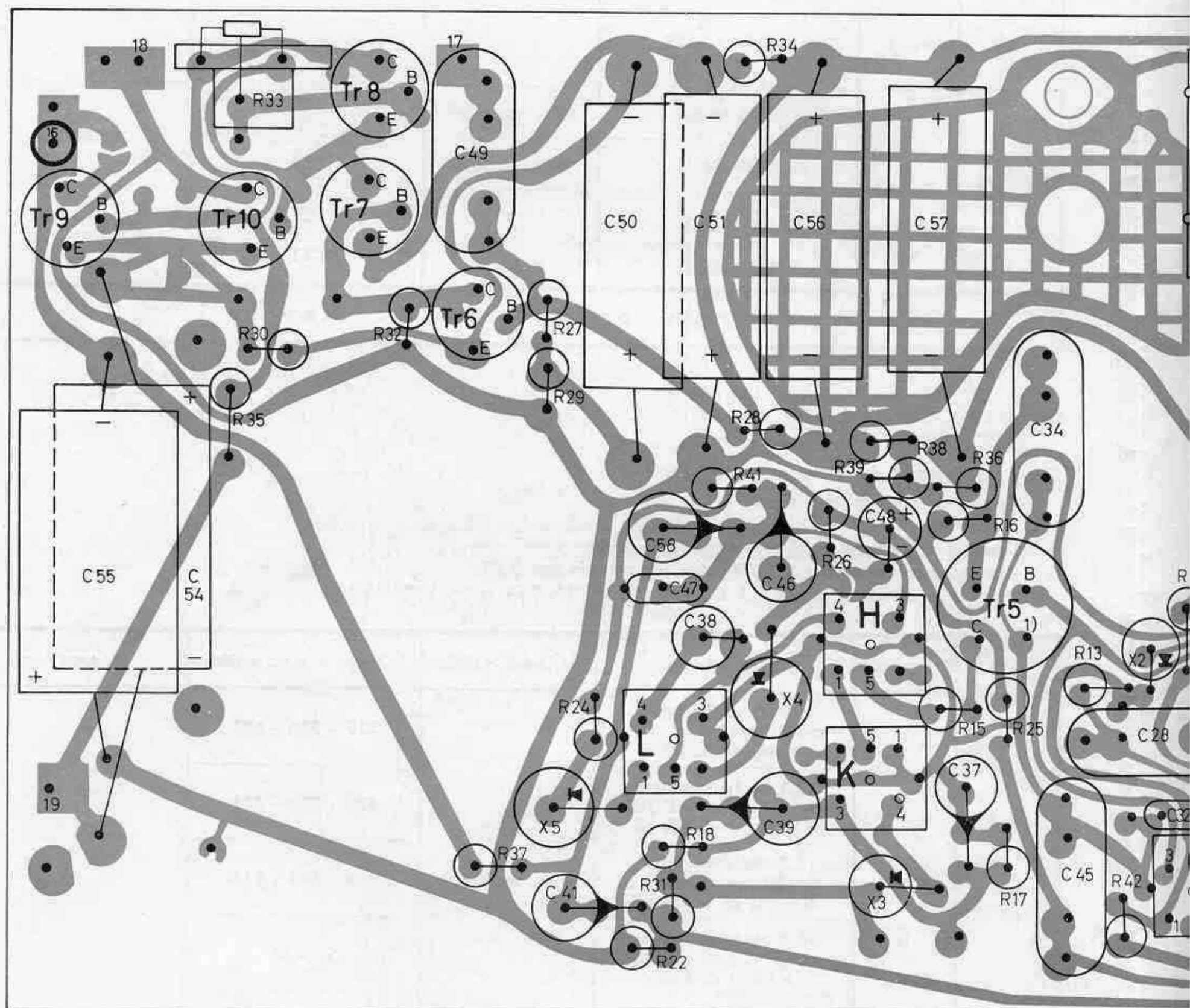


### GENERALIDADES:

|                                |                                                    |
|--------------------------------|----------------------------------------------------|
| <b>Tipo de circuito:</b>       | Superheterodino                                    |
| <b>Voltajes, alimentación:</b> | 6 V (4 pilas 1,5 V)                                |
| <b>Márgenes de ondas:</b>      | O. M. = 185 — 500 m.<br>F. M. = 87,5 — 104 Mc/s.   |
| <b>Consumo:</b>                | Aproximado 80 m. A.                                |
| <b>Altavoz:</b>                | 4330 100 20011                                     |
| <b>Circuitos A. F.:</b>        | En O. M. 1 + 1<br>En F. M. 1/2 + 1 + 1             |
| <b>Circuitos F. I.:</b>        | En O. M. 1 + 1 + 1<br>En F. M. 1 + 1 + 1 det. rel. |
| <b>F. I.:</b>                  | O. M. 452 Kc/s.<br>F. M. 10,7 Mc/s.                |
| <b>Dimensiones L × A × P:</b>  | 202,5 × 103,5 × 47,5 mm.                           |
| <b>Colores:</b>                | Ejecución OOS = Gris oscuro<br>" OOB = Beige       |

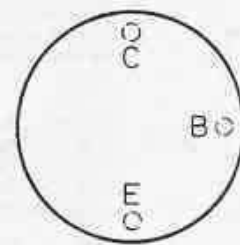
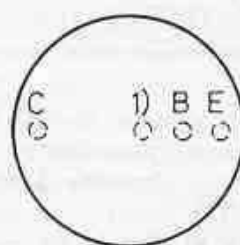
[illegible]

| S | L       |             |  |     |     |             |                 |             |         |     | H K     |                         |     |     |
|---|---------|-------------|--|-----|-----|-------------|-----------------|-------------|---------|-----|---------|-------------------------|-----|-----|
| C | 55, 54, |             |  | 49, | 41, | 50,         | 58, 47, 38, 51, | 46, 39, 56, | 48, 57, | 37, | 34, 45, | 28, 32,                 |     |     |
| R |         | 35, 33, 30, |  | 32, | 37, | 27, 29, 24, | 22, 18, 31,     | 41, 34,     | 28,     | 26, | 39,     | 38, 15, 16, 36, 25, 17, | 13, | 42, |

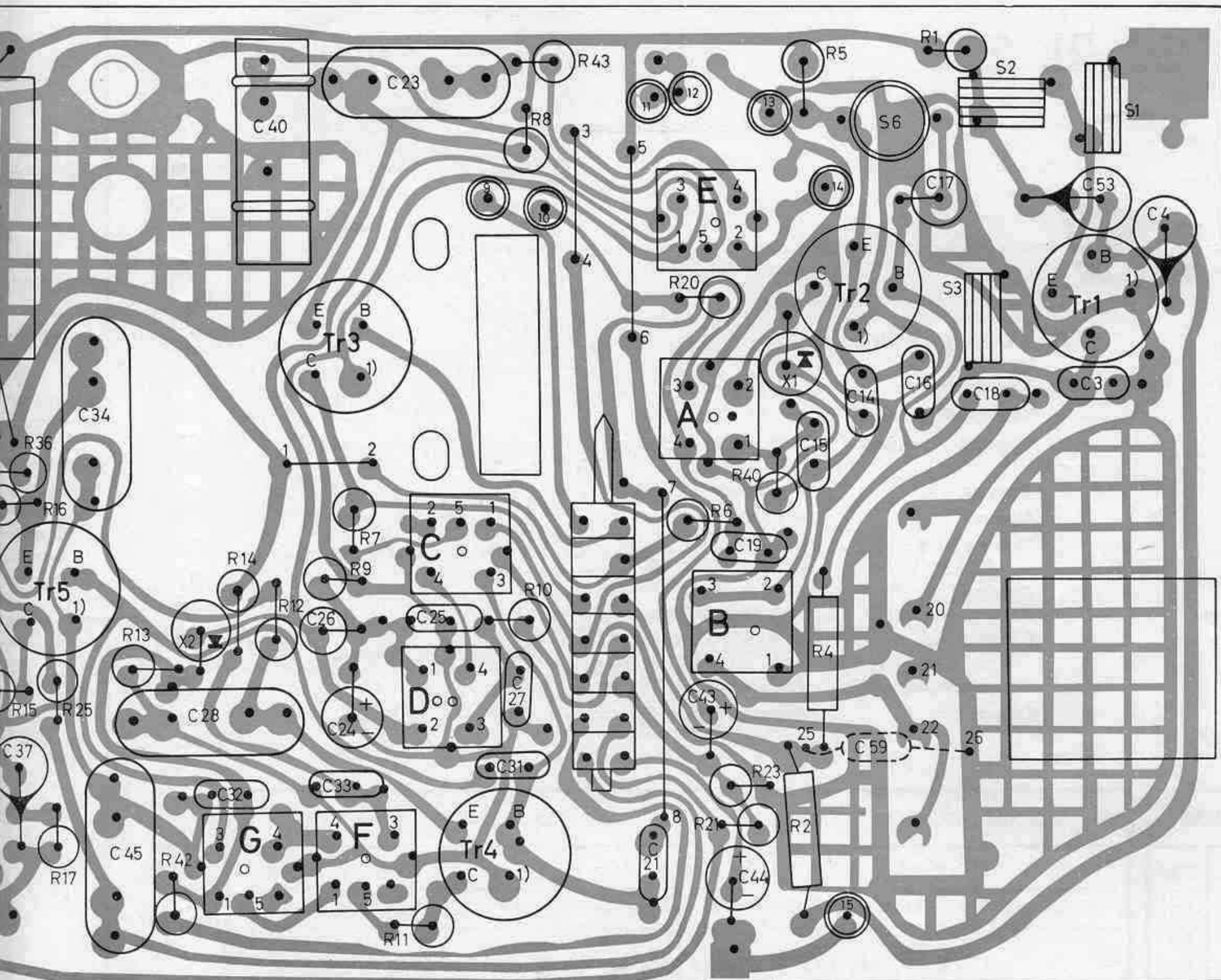


Tr1-Tr2-Tr3-Tr4-Tr5

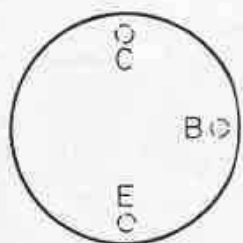
Tr6-Tr7-Tr8-Tr9-Tr10



| G F          |        |           |                   | C D    |       | E A B     |          |           |                   | 6     | 3 2 | 1 | S |
|--------------|--------|-----------|-------------------|--------|-------|-----------|----------|-----------|-------------------|-------|-----|---|---|
| 37,          | 34,45, | 28,32,40, | 26,24,33, 23, 25, | 27,31, | 21,   | 43,19,44, | 15, 14,  | 59,16,17, | 18,               | 53,3, | 4,  |   | C |
| 16,36,25,17, | 13,    | 42,       | 14,               | 12,    | 9, 7, | 11,       | 8,10,43, | 6,        | 20,23,21,40,25,4, | 1,    |     |   | R |



r6-Tr7-Tr8-Tr9-Tr10



## CUADROS DE AJUSTE

## SECCION DE A. M.

|                              | Conmutador | Señal aplicada                                  | Pos. cond. variable | Ajustar a máx. salida  | Observaciones |
|------------------------------|------------|-------------------------------------------------|---------------------|------------------------|---------------|
| F. I.                        | O. M.      | 450,5 kc/s. - col. Tr4<br>a través de 33.000 pF | mín. capacidad      | S28 - S29 - S30        |               |
|                              |            | 453,5 kc/s. - col. Tr3<br>a través de 33.000 pF |                     | S22 - S23 - S24        |               |
|                              |            | 452 kc/s. - S9<br>a través de 33.000 pF         |                     | S17 - 18               |               |
| R. F.                        | O. M.      | 512 kc/s.                                       | máx. capacidad      | S11 - S12 - S13<br>(1) | Repetir       |
|                              |            | 1630 kc/s.                                      | mín. capacidad      | C12<br>(2)             |               |
|                              |            | 600 kc/s.                                       | (3)                 | S9<br>(2)              | Repetir       |
|                              |            | 1500 kc/s.                                      | (4)                 | C11<br>(5)             |               |
| CONTROL DE VOLUMEN AL MAXIMO |            |                                                 |                     |                        |               |

## SECCION DE F. M.

Como regla general debe hacerse lo siguiente:

Control de volumen al mínimo.

Desconectar C 48.

Conectar el osciloscopio al polo negativo de C 44.

Conectar una resistencia de 1500 ohm. en paralelo con S 27.

Desenroscar el núcleo de S 31, S 32, S 33, S 19, S 20, S 21, S 14, S 15 y S 16.

|       | Conmutador | Señal aplicada                                                         | Pos. cond. variable | Ajustar a máx. salida   | Observaciones |
|-------|------------|------------------------------------------------------------------------|---------------------|-------------------------|---------------|
| F. I. | F. M.      | 10,7 Mc/s. modulada<br>con 50 c/s. al col. Tr4<br>a través de 4.700 pF | máx. capacidad      | S25 - S26 - S27         |               |
|       |            | 10,7 Mc/s. modulada<br>con 50 c/s. al col. Tr3<br>a través de 4.700 pF |                     | S19 - S20 - S21         |               |
|       |            | 10,7 Mc/s. modulada<br>con 50 c/s. al col. Tr2<br>a través de 4.700 pF |                     | S14 - S15 - S16         |               |
|       |            | 10,7 Mc/s. modulada<br>con 50 c/s. al col. Tr2<br>a través de 1 pF     |                     | S7 - S8                 |               |
|       |            | Conectar C48. Quitar<br>la resistencia de<br>1.500 ohm.                |                     | S31 - S32 - S33<br>(6)  |               |
| R. F. | F. M.      | 86,5 Mc/s.<br>(8)                                                      | máx. capacidad      | S4 - S5 - S3<br>(7) (6) | Repetir       |
|       |            | 105 Mc/s.                                                              | mín. capacidad      | C8 - C7<br>(7) (6)      |               |

(1) Amortiguar S9 con una resistencia de 10 k $\Omega$ .

(2) Quitar la resistencia de amortiguamiento.

(3) Amortiguar S9 con 10 k $\Omega$  y después SINTONIZAR el aparato.

(4) SINTONIZAR EL APARATO.

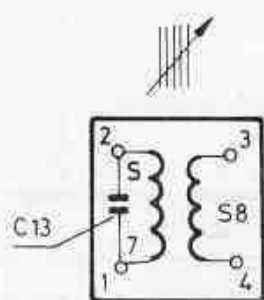
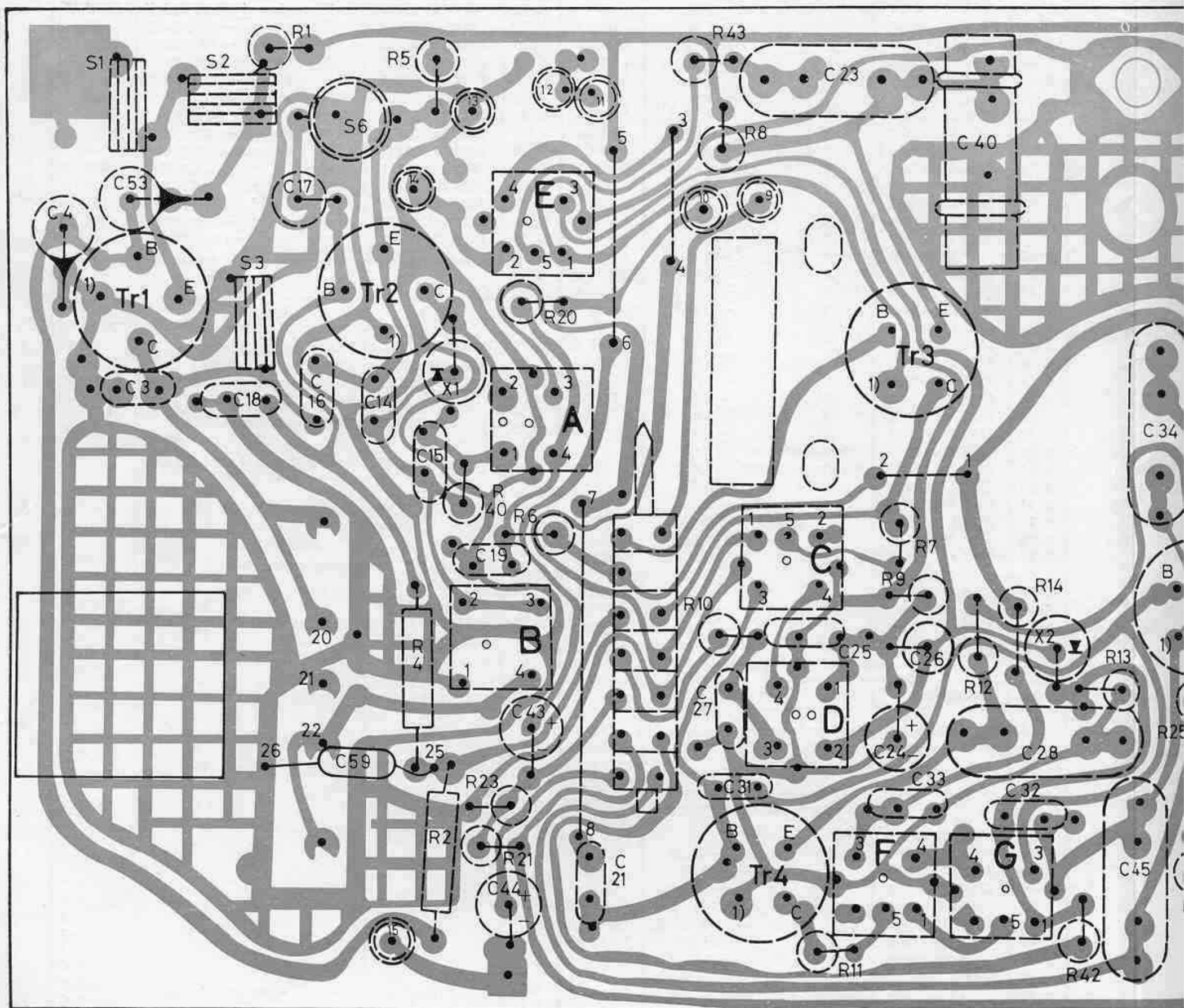
(5) Después de haber colocado el chasis en su caja, reajustar C11.

(6) La curva del discriminador debe ser lo más recta, simétrica y empinada posible.

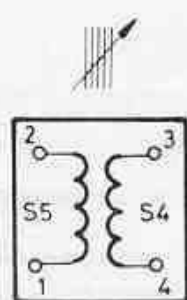
(7) La curva del discriminador debe estar en el centro de la pantalla del osciloscopio.

(8) Aplicar la señal del generador a la salida para la antena telescópica a través de 150 pF.

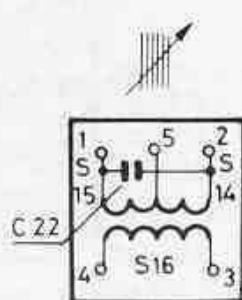
| S | 1, | 2, 3,  | 6,  | B, A, E,                    | C, D, | F,          | G,  |         |         |             |     |     |     |     |     |
|---|----|--------|-----|-----------------------------|-------|-------------|-----|---------|---------|-------------|-----|-----|-----|-----|-----|
| C | 4, | 3, 53, | 18, | 17, 16, 59, 14,             | 15,   | 19, 44, 43, | 21, | 31, 27, | 25, 23, | 24, 33, 26, | 40, | 28, | 32, | 45, | 34, |
| R |    |        | 1,  | 4, 5, 2, 40, 21, 23, 20, 6, |       | 43, 10, 8,  | 11, | 7,      | 9,      | 12,         | 14, | 42, | 13, |     |     |



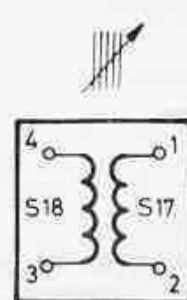
A



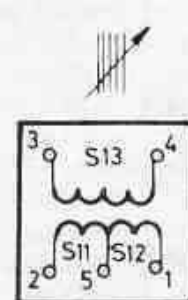
B



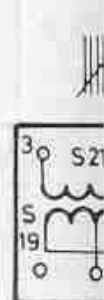
C



D

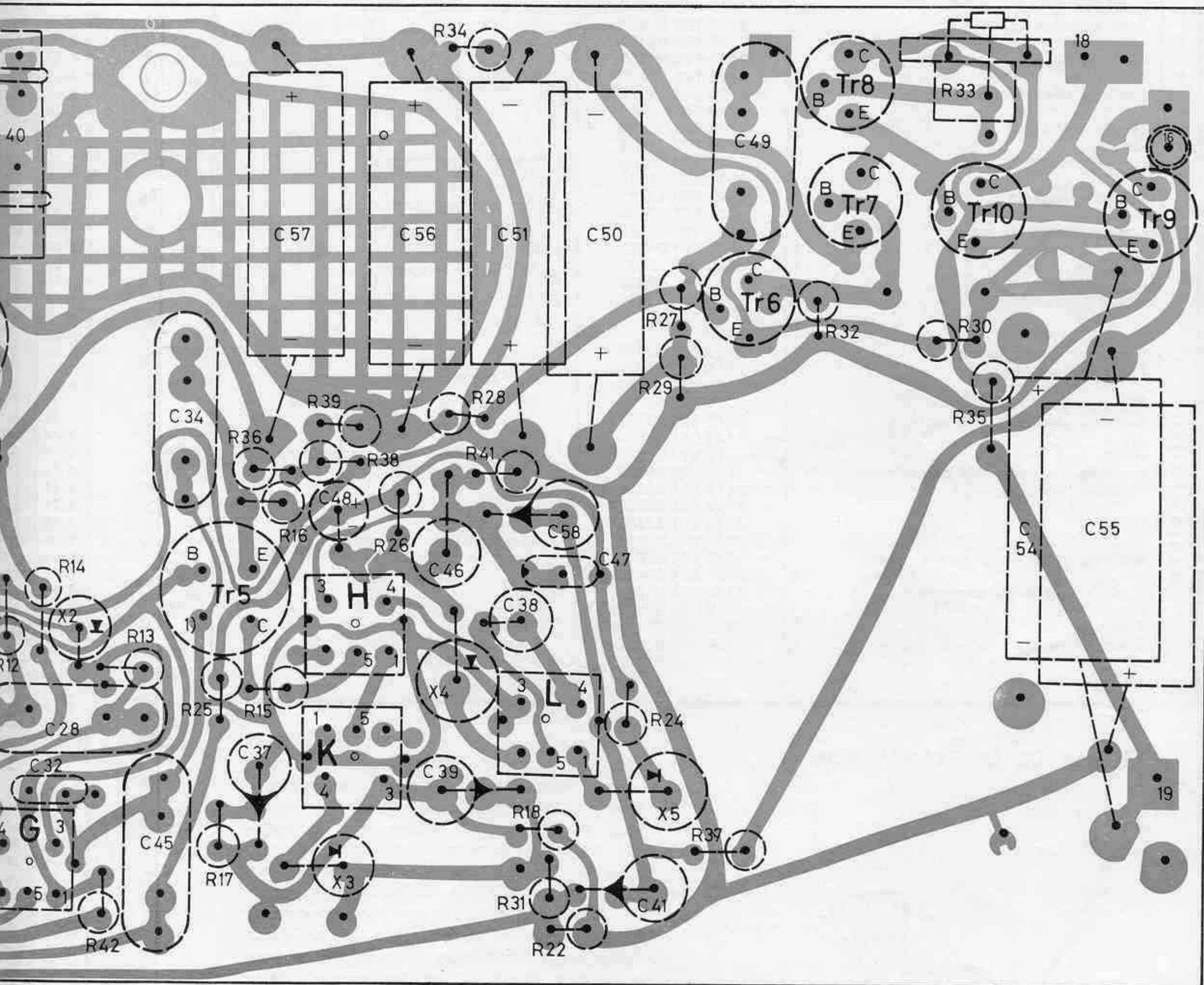


E

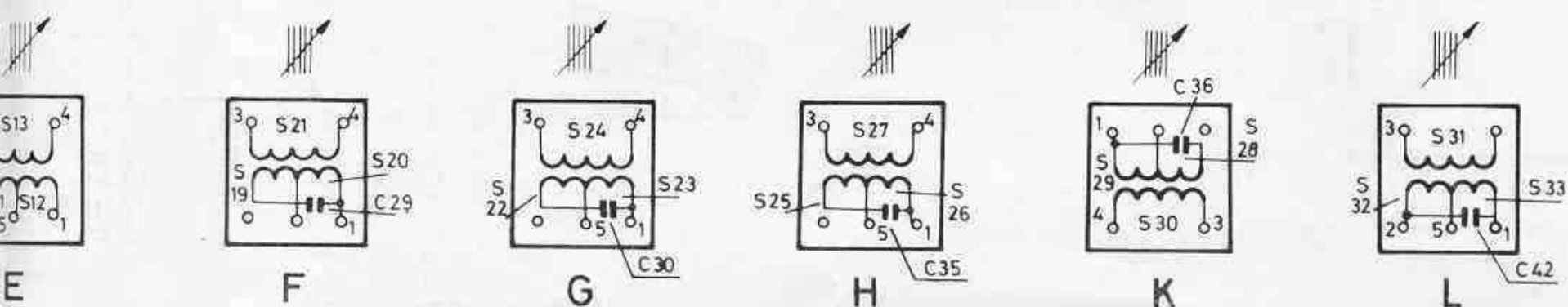


F

| G.          | H. K.   |             | L.                  |                     |                         |             |     |     |   |
|-------------|---------|-------------|---------------------|---------------------|-------------------------|-------------|-----|-----|---|
| 40, 28, 32, | 45, 34, | 37, 57, 48, | 56, 46, 39, 51,     | 38, 58, 47, 50, 41, | 49,                     |             | 54, | 55, | C |
| 12, 14,     | 42,     | 13, 17, 25, | 36, 16, 15, 38, 39, | 26,                 | 28, 34, 41, 18, 31, 22, | 24, 27, 29, | 37, | 32, | R |



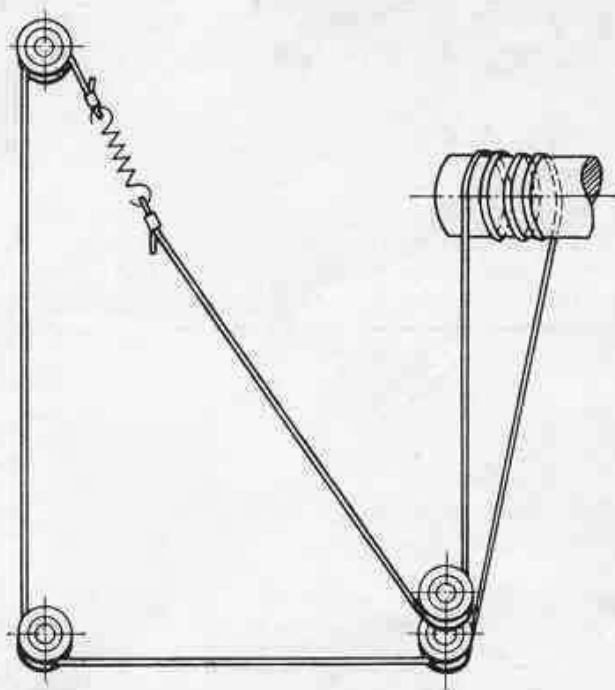
ED 028  
ED 028-b



## COMPONENTES MECANICOS

|                                                          | Descripción                               | Código         | Pertenece a:                      |
|----------------------------------------------------------|-------------------------------------------|----------------|-----------------------------------|
| R<br>E<br>C<br>E<br>P<br>T<br>O<br>R                     | Conjunto caja                             | 3130 108 07740 | Ejecución OOS                     |
|                                                          | " "                                       | 3130 108 07760 | " OOB                             |
|                                                          | " " escala impresa                        | 3119 104 04000 | " OOS                             |
|                                                          | " " "                                     | 3130 105 00590 | " OOB                             |
|                                                          | Perfil                                    | 3130 105 10630 | Sujeción escala impresa           |
|                                                          | Tapa posterior                            | 3130 104 01830 | Ejecución OOS                     |
|                                                          | " "                                       | 3130 104 01770 | " OOB                             |
|                                                          | Placa frontal de adorno                   | 3130 105 13300 | " OOS                             |
|                                                          | " " " "                                   | 3130 105 13420 | " OOB                             |
|                                                          | Conjunto placa de adorno (mando sintonía) | 3130 105 13320 | " OOS                             |
|                                                          | " " " " " "                               | 3130 105 13480 | " OOB                             |
|                                                          | Escudo "PHILIPS"                          | 3122 998 25700 |                                   |
|                                                          | Tornillo                                  | 3130 100 40810 |                                   |
|                                                          | Arandela interior                         | 3119 100 40850 | Sujeción tapa posterior           |
|                                                          | " exterior                                | 2530 600 50021 |                                   |
|                                                          | Conjunto conector                         | 3122 999 66210 | Conexión para auricular           |
|                                                          | Tuerca                                    | 3122 997 15600 |                                   |
|                                                          | Conjunto botón de mando                   | 3130 104 02010 | Volumen e interruptor             |
|                                                          | " " " "                                   | 3119 104 04030 | Sintonía                          |
|                                                          | Prisionero                                | 2522 040 72127 | Botones de mando                  |
| C<br>H<br>A<br>S<br>I<br>S<br>-<br>P<br>A<br>N<br>E<br>L | Antena telescópica                        | 3119 108 80030 |                                   |
|                                                          | Marca "PHILIPS"                           | 3130 105 13310 |                                   |
|                                                          | Conjunto caja de baterías                 | 3119 108 06340 |                                   |
|                                                          | Muelle (horizontal)                       | 3119 101 00610 | Caja baterías - Contacto negativo |
|                                                          | " (vertical)                              | 3130 101 00250 | Caja baterías - Contacto positivo |
|                                                          | Terminales                                | 3119 101 62120 |                                   |
|                                                          | Conjunto conmutador de ondas              | 3119 108 40700 |                                   |
|                                                          | Eje                                       | 3122 991 80670 |                                   |
|                                                          | Muelle                                    | 3122 991 94970 |                                   |
|                                                          | Conjunto mecanismo de conmutación         | 3119 108 06370 |                                   |
|                                                          | Segmento dentado                          | 3119 101 62160 |                                   |
|                                                          | " "                                       | 3119 101 62050 |                                   |
|                                                          | Piñón                                     | 3119 101 22950 |                                   |
|                                                          | Muelle                                    | 3122 991 80890 |                                   |
|                                                          | Conjunto placa fondo escala (negro)       | 3130 108 07810 |                                   |
|                                                          | " " " " (negro)                           | 3130 104 01800 |                                   |
|                                                          | " cuerda de transmisión                   | 3130 108 01430 |                                   |
|                                                          | Muelle                                    | 3119 101 00630 |                                   |
|                                                          | Poleas                                    | 3119 104 04110 |                                   |
|                                                          | Conjunto aguja de sintonía (verde)        | 3130 108 08020 |                                   |
|                                                          | " " " " (oro)                             | 3130 108 01460 |                                   |

## ESQUEMA DE LA TRANSMISION



Condensador variable en máx. capacidad

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DOCUMENTACIONES

## COMPONENTES ELECTRICOS

## RESISTENCIAS

| Símbolo | Código         | Descripción                  | Valor          |
|---------|----------------|------------------------------|----------------|
| R 1     | 2322 211 13681 | Resistencia carbón $\pm 5\%$ | 680 $\Omega$   |
| R 2     | 2322 211 13102 | " " $\pm 5\%$                | 1000 $\Omega$  |
| R 3     | 2322 381 01228 | Potenciómetro log. c/i       | 22000 $\Omega$ |
| R 4     | 2322 211 13102 | Resistencia carbón $\pm 5\%$ | 1000 $\Omega$  |
| R 5     | 2322 211 13681 | " " $\pm 5\%$                | 680 $\Omega$   |
| R 6     | 2322 211 13102 | " " $\pm 5\%$                | 1000 $\Omega$  |
| R 7     | 2322 211 13221 | " " $\pm 5\%$                | 220 $\Omega$   |
| R 8     | 2322 211 13102 | " " $\pm 5\%$                | 1000 $\Omega$  |
| R 9     | 2322 211 13681 | " " $\pm 5\%$                | 680 $\Omega$   |
| R 10    | 2322 211 13102 | " " $\pm 5\%$                | 1000 $\Omega$  |
| R 11    | 2322 211 13331 | " " $\pm 5\%$                | 330 $\Omega$   |
| R 12    | 2322 211 13102 | " " $\pm 5\%$                | 1000 $\Omega$  |
| R 13    | 2322 211 13222 | " " $\pm 5\%$                | 2200 $\Omega$  |
| R 14    | 2322 211 13102 | " " $\pm 5\%$                | 1000 $\Omega$  |
| R 15    | 2322 211 13331 | " " $\pm 5\%$                | 330 $\Omega$   |
| R 16    | 2322 211 13821 | " " $\pm 5\%$                | 820 $\Omega$   |
| R 17    | 2322 211 13392 | " " $\pm 5\%$                | 3900 $\Omega$  |
| R 18    | 2322 211 13391 | " " $\pm 5\%$                | 390 $\Omega$   |
| R 20    | 2322 211 13101 | " " $\pm 5\%$                | 100 $\Omega$   |
| R 21    | 2322 211 13103 | " " $\pm 5\%$                | 10000 $\Omega$ |
| R 22    | 2322 211 13103 | " " $\pm 5\%$                | 10000 $\Omega$ |
| R 23    | 2322 211 13623 | " " $\pm 5\%$                | 62000 $\Omega$ |
| R 24    | 2322 211 13221 | " " $\pm 5\%$                | 220 $\Omega$   |
| R 25    | 2322 211 13102 | " " $\pm 5\%$                | 1000 $\Omega$  |
| R 26    | 2322 211 13103 | " " $\pm 5\%$                | 10000 $\Omega$ |
| R 27    | 2322 211 13333 | " " $\pm 5\%$                | 33000 $\Omega$ |
| R 28    | 2322 211 13473 | " " $\pm 5\%$                | 47000 $\Omega$ |
| R 29    | 2322 211 13478 | " " $\pm 5\%$                | 4,7 $\Omega$   |
| R 30    | 2322 211 13222 | " " $\pm 5\%$                | 2200 $\Omega$  |
| R 31    | 2322 211 13332 | " " $\pm 5\%$                | 3300 $\Omega$  |
| R 32    | 2322 211 13152 | " " $\pm 5\%$                | 1500 $\Omega$  |
| R 33    | 2322 410 00003 | Potenciómetro de ajuste      | 470 $\Omega$   |
| R 34    | 2322 211 13569 | Resistencia carbón $\pm 5\%$ | 56 $\Omega$    |
| R 35    | 2322 211 13331 | " " $\pm 5\%$                | 330 $\Omega$   |
| R 36    | 2322 211 13101 | " " $\pm 5\%$                | 100 $\Omega$   |
| R 37    | 2322 211 13569 | " " $\pm 5\%$                | 56 $\Omega$    |
| R 38    | 2322 211 13152 | " " $\pm 5\%$                | 1500 $\Omega$  |
| R 39    | 2322 211 13562 | " " $\pm 5\%$                | 5600 $\Omega$  |
| R 40    | 2322 211 13181 | " " $\pm 5\%$                | 180 $\Omega$   |
| R 41    | 2322 211 13681 | " " $\pm 5\%$                | 680 $\Omega$   |
| R 42    | 2322 211 13101 | " " $\pm 5\%$                | 100 $\Omega$   |
| R 43    | 2322 211 13189 | " " $\pm 5\%$                | 18 $\Omega$    |

## CONDENSADORES

| Símbolo | Código            | Descripción                                                  | Valor      |
|---------|-------------------|--------------------------------------------------------------|------------|
| C 3     | 2222 628 01568    | Condens. plaqueta $\pm 0,5$ pF                               | 5,6 pF     |
| C 4     | 2222 565 01472    | " pin-up $-20+50\%$                                          | 4700 pF    |
| C5-C7   | 2222 807 10082    | Condensador variable de cuatro secciones con cuatro trimmers | 9,5-9,0 pF |
| C6-C8   |                   |                                                              | 9,5-9,0 pF |
| C9-C11  |                   |                                                              | 180-9,0 pF |
| C10-C12 | Ver S7 - S8       |                                                              | 80-9,0 pF  |
| C 13    |                   |                                                              |            |
| C 14    |                   |                                                              |            |
| C 15    | 2222 628 01109    | Condens. plaqueta $\pm 0,5$ pF                               | 10 pF      |
| C 16    | 2222 629 01472    | " " $-20+100\%$                                              | 4700 pF    |
| C 17    | 2222 628 01398    | " " $\pm 0,5$ pF                                             | 3,9 pF     |
| C 18    | 2012 303 00803    | " styroflex 2,5 % 63 V                                       | 330 pF     |
| C 19    | 2222 629 01472    | " plaq. $-20+100\%$                                          | 4700 pF    |
| C 20    | 2222 629 01103    | " " $-20+100\%$                                              | 10000 pF   |
| C 21    | 2222 631 02688    | " " $\pm 0,5$ pF                                             | 6,8 pF     |
| C 22    | Ver S14, S15, S16 |                                                              |            |
| C 23    | 2222 342 45223    | Condens. placo $\pm 10\%$ 250 V                              | 22000 pF   |
| C 24    | 2222 001 13259    | " electrolítico 6,4 V                                        | 25 $\mu$ F |
| C 25    | 2222 629 01472    | " plaq. $-20+100\%$                                          | 4700 pF    |
| C 26    | 2012 303 00533    | " styroflex $\pm 5\%$ 63 V                                   | 1800 pF    |
| C 27    | 2222 629 01472    | " plaq. $-20+100\%$                                          | 4700 pF    |
| C 28    | 2222 342 44473    | " placo $\pm 20\%$ 250 V                                     | 47000 pF   |
| C 29    | Ver S19, S20, S21 |                                                              |            |
| C 30    | Ver S22, S23, S24 |                                                              |            |
| C 31    | 2222 631 02688    | Condens. plaq. $\pm 0,5$ pF                                  | 6,8 pF     |
| C 32    | 2222 629 01472    | " " $-20+100\%$                                              | 4700 pF    |
| C 33    | 2222 629 01472    | " " $-20+100\%$                                              | 4700 pF    |
| C 34    | 2222 342 44473    | " placo $\pm 20\%$ 250 V                                     | 47000 pF   |
| C 35    | Ver S25, S26, S27 |                                                              |            |
| C 36    | Ver S28, S29, S30 |                                                              |            |
| C 37    | 2222 565 01472    | Condens. pin-up $-20+50\%$                                   | 4700 pF    |
| C 38    | 2222 555 10479    | " cerámico $\pm 2\%$                                         | 47 pF      |

## CONDENSADORES

| Símbolo | Código            | Descripción                 | Valor       |
|---------|-------------------|-----------------------------|-------------|
| C 39    | 2222 565 01472    | Condens. pin-up $-20+50\%$  | 4700 pF     |
| C 40    | 2222 561 01102    | " cerámico $\pm 10\%$       | 1000 pF     |
| C 41    | 2222 565 01472    | " pin-up $-20+50\%$         | 4700 pF     |
| C 42    | Ver S31, S32, S33 |                             |             |
| C 43    | 2222 001 17408    | Condens. electrolítico 40 V | 4 $\mu$ F   |
| C 44    | 2222 001 18258    | " electrolítico 6,4 V       | 2,5 $\mu$ F |
| C 45    | 2222 342 45153    | " placo $\pm 10\%$ 250 V    | 15000 pF    |
| C 46    | 2222 565 01222    | " pin-up $-20+50\%$         | 2200 pF     |
| C 47    | 2222 565 01222    | " " $-20+50\%$              | 2200 pF     |
| C 48    | 2222 001 15109    | " electrolítico 16 V        | 10 $\mu$ F  |
| C 49    | 2222 342 44104    | " placo $\pm 20\%$ 250 V    | 0,1 $\mu$ F |
| C 50    | 2222 001 12131    | " electrolítico 4 V         | 125 $\mu$ F |
| C 51    | 2222 001 11161    | " " 2,5 V                   | 160 $\mu$ F |
| C 53    | 2222 565 01472    | " pin-up $-20+50\%$         | 4700 pF     |
| C 54    | 2222 001 13321    | " electrolítico 6,4 V       | 320 $\mu$ F |
| C 55    | 2222 001 13321    | " " 6,4 V                   | 320 $\mu$ F |
| C 56    | 2222 001 13321    | " " 6,4 V                   | 320 $\mu$ F |
| C 57    | 2222 001 11161    | " " 2,5 V                   | 160 $\mu$ F |
| C 58    | 2222 565 01472    | " pin-up $-20+50\%$         | 4700 pF     |
| C 59    | 2222 629 01472    | " plaq. $-20+100\%$         | 4700 pF     |

## BOBINAS

| Símbolo | Código         | Descripción                 | Valor     |
|---------|----------------|-----------------------------|-----------|
| S 1     | 3122 991 92520 | Bobina antena F. M.         | 4 1/2 V   |
| S 2     | 3122 991 92520 | " " F. M.                   | 4 1/2 V   |
| S 3     | 3122 991 92520 | " interetapa F. M.          | 4 1/2 V   |
| S 4     | 3122 996 43830 | Bobina osciladora F. M.     | 3 3/4 V   |
| S 5     |                |                             | 1 3/4 V   |
| S 6     | 3122 996 43840 | Choque F. I. - F. M.        | 12 1/4 V  |
| S 7     | 3122 995 03700 | 1.ª bobina F. I. - F. M.    | 17 6/8 V  |
| S 8     |                |                             | 1 4/8 V   |
| C 13    |                |                             | 82 pF     |
| S 9     | 3130 108 20080 | Bobina antena O. M.         | 82 V      |
| S 10    |                |                             | 7 V       |
| S 11    | 3122 996 43860 | Bobina osciladora O. M.     | 141 7/8 V |
| S 12    |                |                             | 3 7/8 V   |
| S 13    |                |                             | 8 4/8 V   |
| S 14    |                |                             | 9 7/8 V   |
| S 15    | 3122 995 03700 | 2.ª bobina F. I. - F. M.    | 7 7/8 V   |
| S 16    |                |                             | 1 4/8 V   |
| C 22    |                |                             | 82 pF     |
| S 17    | 3122 996 43880 | 1.ª bobina F. I. - A. M.    | 67 6/8 V  |
| S 18    |                |                             | 1 4/8 V   |
| S 19    | 3122 995 03700 | 3.ª bobina F. I. - F. M.    | 9 7/8 V   |
| S 20    |                |                             | 7 7/8 V   |
| S 21    |                |                             | 1 4/8 V   |
| C 29    | 3122 996 43870 | 2.ª bobina F. I. - A. M.    | 82 pF     |
| S 22    |                |                             | 162 7/8 V |
| S 23    |                |                             | 66 7/8 V  |
| S 24    |                |                             | 2 6/8 V   |
| C 30    | 3122 996 43890 | Bobina detectora A. M.      | 150 pF    |
| S 25    |                |                             | 11 7/8 V  |
| S 26    |                |                             | 3 7/8 V   |
| S 27    |                |                             | 4 4/8 V   |
| C 35    | 3122 108 21660 | Bobina detector de relación | 82 pF     |
| S 28    |                |                             | 150 7/8 V |
| S 29    |                |                             | 78 7/8 V  |
| S 30    |                |                             | 64 6/8 V  |
| C 36    | 3122 108 20560 | Bobina detector de relación | 150 pF    |
| S 31    |                |                             | 7 7/8 V   |
| S 32    |                |                             | 7 7/8 V   |
| S 33    |                |                             | 1 4/8 V   |
| C 42    |                |                             | 82 pF     |

## ALTAVOZ

|      |                |         |             |
|------|----------------|---------|-------------|
| S 34 | 4330 100 20011 | Altavoz | 12 $\Omega$ |
|------|----------------|---------|-------------|

|   |        |              |    |          |        |               |                 |                    |           |        |        |     |              |         |            |
|---|--------|--------------|----|----------|--------|---------------|-----------------|--------------------|-----------|--------|--------|-----|--------------|---------|------------|
| S | 1,2,   | 3,4,5,       | 6, | 9,7      | 10,8,  | 11,12, 13,    | 14,15,17,16,18, | 19,20,22,23,21,24, | 25,26,28, |        |        |     |              |         |            |
| C | 53,59, | 6,3,8, 4, 5, | 7, | 14,16,9, | 11,17, | 13,18,15, 19, | 40,10,12,       | 23,24,             | 25,       | 22,26, | 21,27, | 28, | 30,31,32,29, | 34, 33, | 36,37,35,4 |
| R | 1, 2,  |              | 4, | 5,       | 40,    | 20,6,         | 8,              | 43,7,              | 9,        | 10,    | 11,12, | 13, | 42, 14,      | 15,16,  | 1          |

Tr1

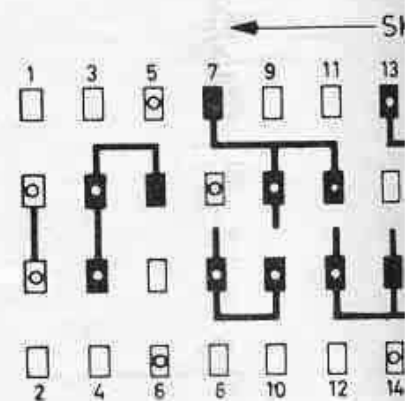
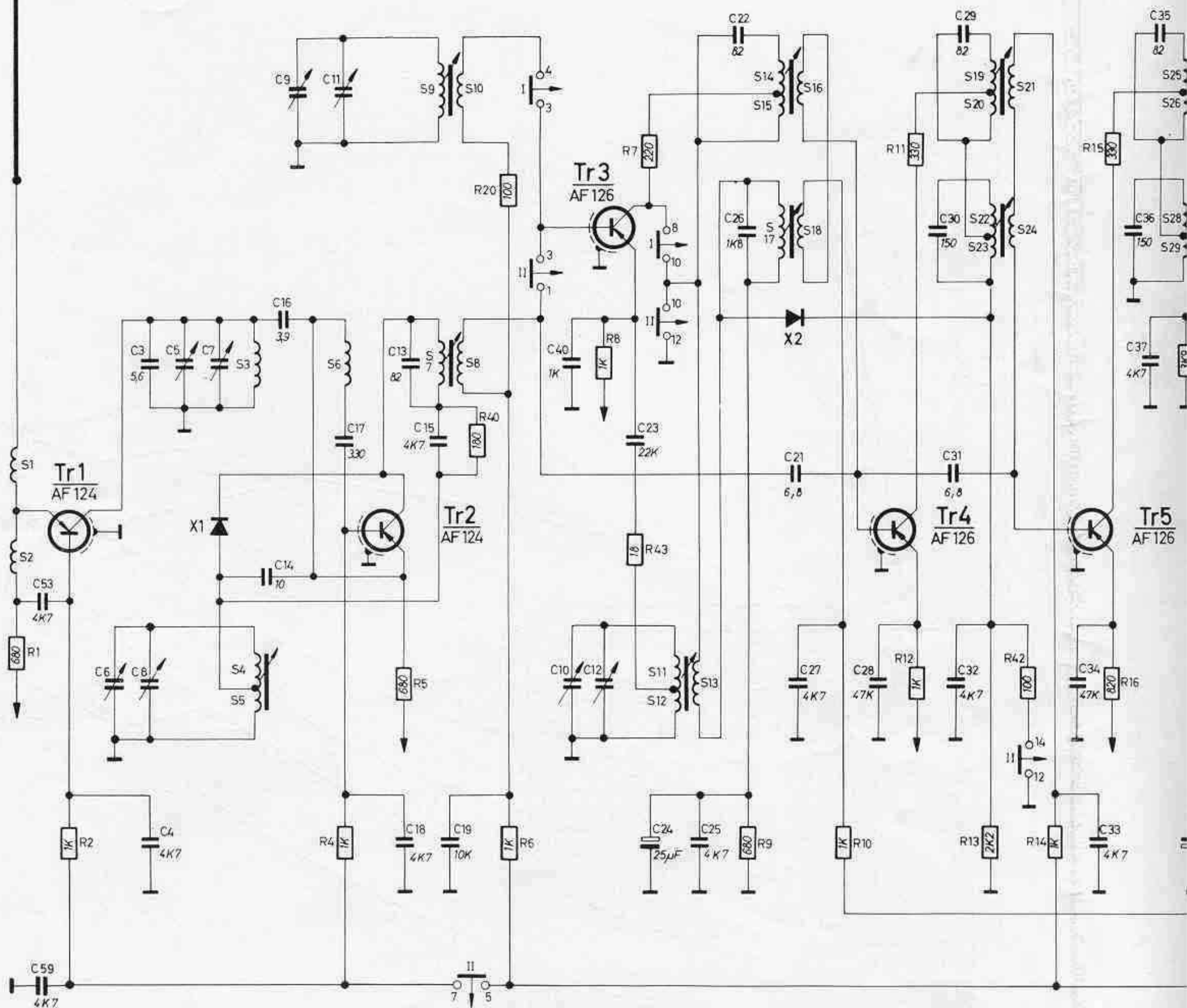
Tr2

Tr3

Tr4

Tr5

Antena telescópica



|                    |                      |            |                                      |   |
|--------------------|----------------------|------------|--------------------------------------|---|
| 19,20,22,23,21,24, | 25,26,28,29,27,30,   | 31,32,33,  | 34,                                  | S |
| 30,31,32,29,       | 34, 33, 36,37,35,43, | 41, 38,39, | 42, 44, 49,46,47,45, 50, 57, 48, 58, | C |
| 11,12,             | 13, 42, 14,          | 15, 16,    | 17, 18,22,23, 31,21,                 | R |

r4

Tr5

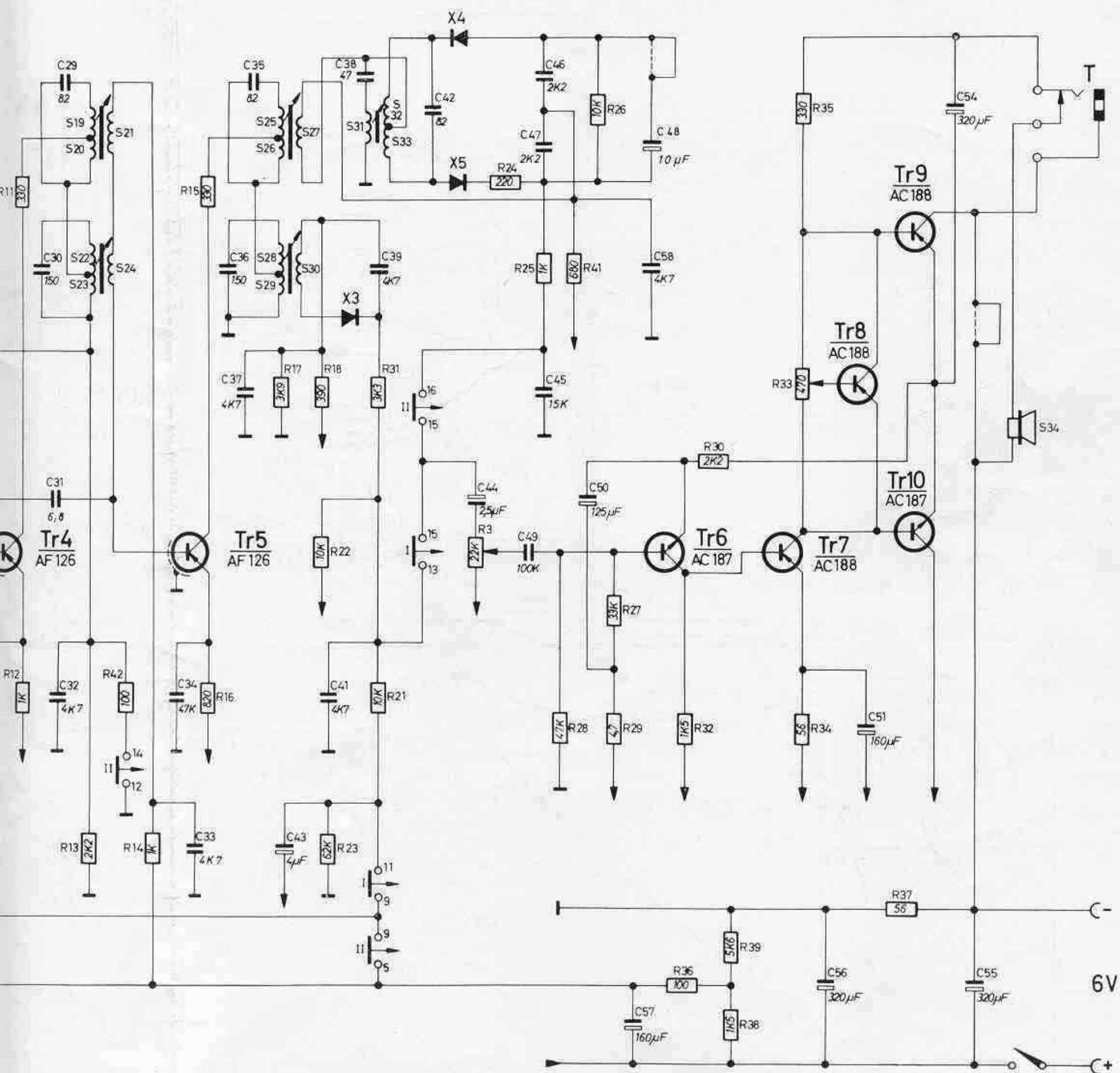
Tr6

Tr7

Tr8

Tr9

Tr10



EDR 027

