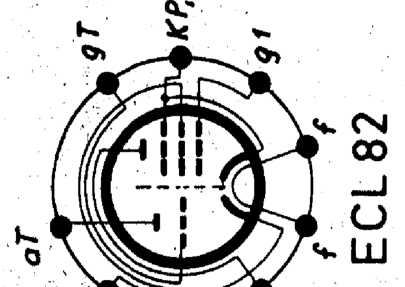


Base connections for IF-Filter:



Connections marked in diagram: for instance I4 = filter I, connection 4.



The right for changes in the construction of this receiver is reserved!

NORDMENDE

EXPORT-SUPER

8002

| | 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 |
|---|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| C | 1000pF | 1000pF | 5000pF | 10pF | 3-30pF | 3-30pF | 3-30pF | 3-30pF | 3-30pF | 5pF | 1000pF | 1000pF | 1000pF | 1000pF | 1000pF | 1000pF | 1000pF | 1000pF | 1000pF | 8pF | 30pF | 30pF | 30pF | 30pF | 40pF |
| R | 100kΩ | 100kΩ | 100kΩ | 100kΩ | 100kΩ | 100kΩ | 100kΩ | 100kΩ | 100kΩ | 100kΩ | 100kΩ | 100kΩ | 100kΩ | 100kΩ | 100kΩ | 100kΩ | 100kΩ | 100kΩ | 100kΩ | 100kΩ | 100kΩ | 100kΩ | 100kΩ | 100kΩ | 100kΩ |
| L | 100μH | 100μH | 100μH | 100μH | 100μH | 100μH | 100μH | 100μH | 100μH | 100μH | 100μH | 100μH | 100μH | 100μH | 100μH | 100μH | 100μH | 100μH | 100μH | 100μH | 100μH | 100μH | 100μH | 100μH | 100μH |
| V | 100V 2.2mA | 100V 2.2mA | 100V 2.2mA | 100V 2.2mA | 100V 2.2mA | 100V 2.2mA | 100V 2.2mA | 100V 2.2mA | 100V 2.2mA | 100V 2.2mA | 100V 2.2mA | 100V 2.2mA | 100V 2.2mA | 100V 2.2mA | 100V 2.2mA | 100V 2.2mA | 100V 2.2mA | 100V 2.2mA | 100V 2.2mA | 100V 2.2mA | 100V 2.2mA | 100V 2.2mA | 100V 2.2mA | 100V 2.2mA | 100V 2.2mA |
| C | 1000pF | 1000pF | 1000pF | 1000pF | 1000pF | 1000pF | 1000pF | 1000pF | 1000pF | 1000pF | 1000pF | 1000pF | 1000pF | 1000pF | 1000pF | 1000pF | 1000pF | 1000pF | 1000pF | 1000pF | 1000pF | 1000pF | 1000pF | 1000pF | 1000pF |
| R | 100kΩ | 100kΩ | 100kΩ | 100kΩ | 100kΩ | 100kΩ | 100kΩ | 100kΩ | 100kΩ | 100kΩ | 100kΩ | 100kΩ | 100kΩ | 100kΩ | 100kΩ | 100kΩ | 100kΩ | 100kΩ | 100kΩ | 100kΩ | 100kΩ | 100kΩ | 100kΩ | 100kΩ | 100kΩ |
| L | 100μH | 100μH | 100μH | 100μH | 100μH | 100μH | 100μH | 100μH | 100μH | 100μH | 100μH | 100μH | 100μH | 100μH | 100μH | 100μH | 100μH | 100μH | 100μH | 100μH | 100μH | 100μH | 100μH | 100μH | 100μH |

All voltage measurements were carried out by means of a 1000 Ω/V voltmeter in the 600V range

Alignment data

A) Intermediate frequency 460 kc/s.

Press push-button "BC"

1. Turn dial hand to left side of dial (1650 kc/s).
2. Turn volume control to maximum output.
3. Connect outputmeter to the primary of the output transformer.
4. Connect dummy aerial (200 pF and 400 ohms in series) of signal-generator to control grid of valve ECH81. Then align filters IV, III, II and I to maximum indication on the outputmeter.
5. Connect dummy aerial to aerial and earth sockets and adjust I. F. trap V to minimum indication on outputmeter.

B) Medium wave

1. Turn tuning condenser to 515 kc/s on dial and set hand to calibration points on the right end of BC and SW 2 dial.
2. Adjust oscillator (h) and R. F. (a) coils at calibration point 555 kc/s to maximum indication on outputmeter.
3. Adjust oscillator (g) and R. F. (d) trimmers at calibration point 1480 kc/s to maximum indication on outputmeter.
Repeat operations No. 2 and 3 until no further advantage is achieved.

C) Short wave 1

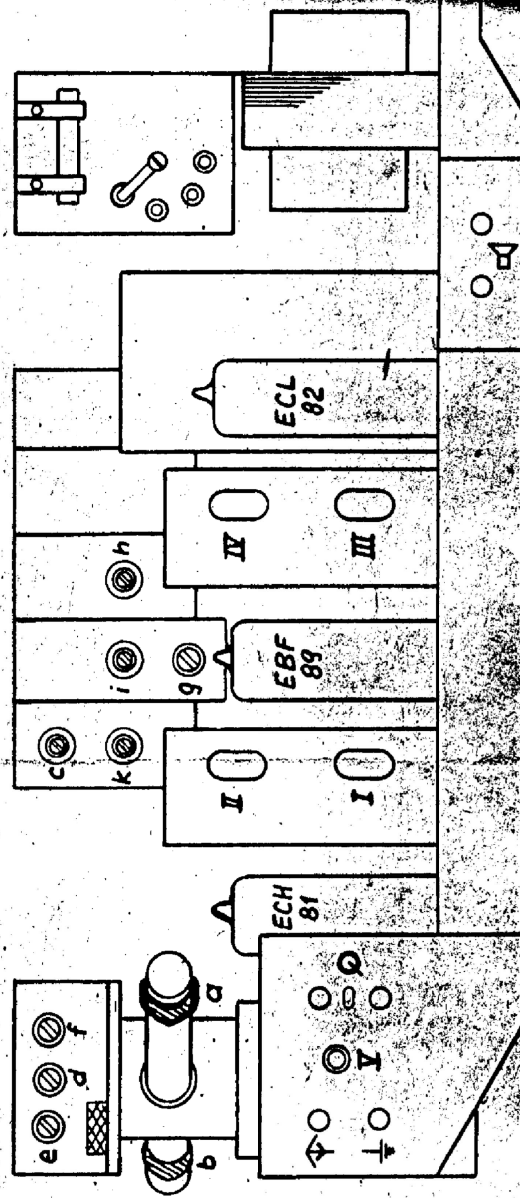
Press push-button "SW 1"

1. Adjust oscillator (i) and R. F. (b) coils at calibration point 555 Mc/s to maximum indication on outputmeter.
2. Adjust R. F. trimmer (e) at 6.1 Mc/s to maximum indication on outputmeter.
Repeat operations No. 1 and 2 until no further advantage is achieved.

D) Short wave 2

Press push-button "SW 2"

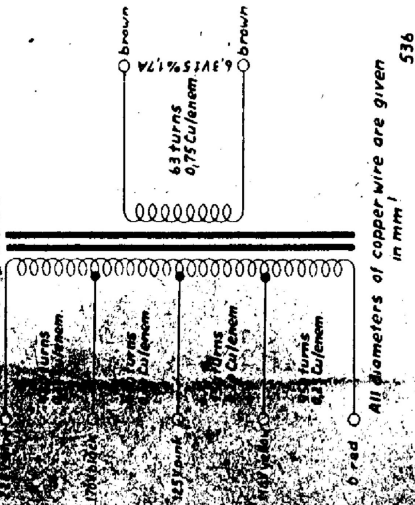
1. Set R. F. trimmer (f) to maximum capacitance at the beginning of alignment.
2. Adjust oscillator (k) and R. F. (c) coils at calibration point 6.1 Mc/s to maximum indication on outputmeter.
3. Control of I. F. image frequency:
As the oscillator frequency is adjusted above the image frequency, the image frequency of 6.1 Mc/s decreases until a minimum indication on outputmeter is achieved.
Repeat operations No. 2 and 4 until no further advantage is achieved.
4. Adjust R. F. trimmer (f) at 18.5 Mc/s to maximum indication on outputmeter.
Repeat operations No. 2 and 4 until no further advantage is achieved.



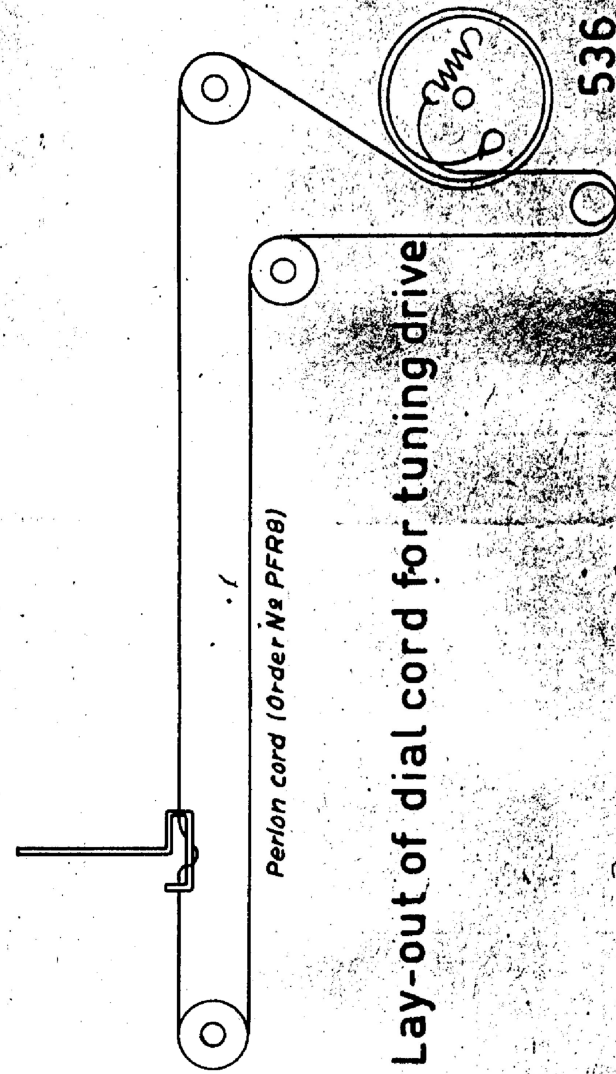
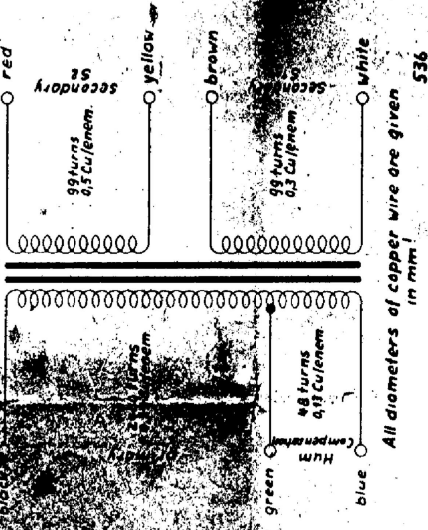
Rear view of chassis

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Colour Code Mains Transformer MF 5355



Colour Code Output Transformer MF 5357



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