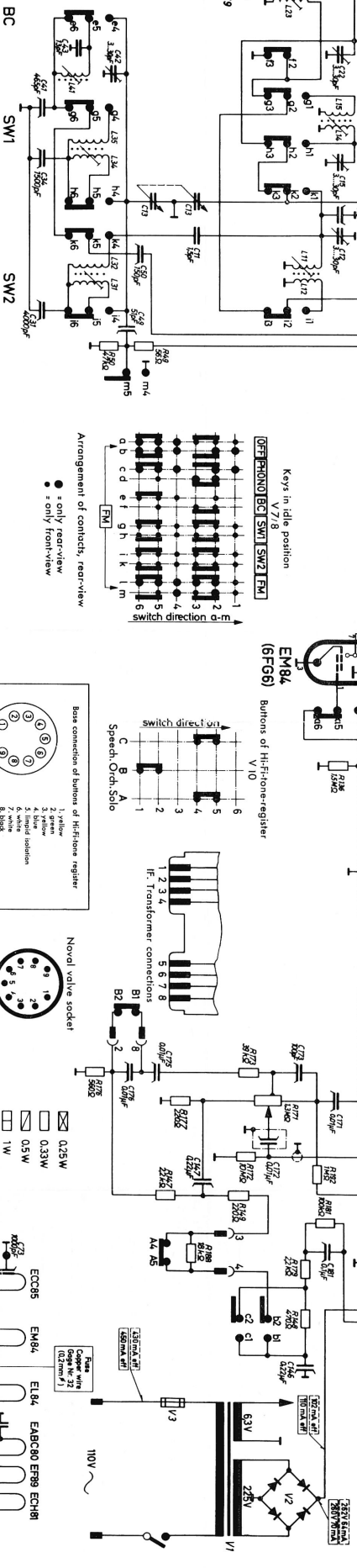


[illegible]

NORDMENNEN
I O I F I D E L I T Y
Sterling

2/613 US

Elekra US

Instructions for adjusting AM

Frequency 460 Kc

Depress key "BC"

Turn station selector to the extreme left (1,650 Kc). Turn up volume control to its highest volume capacity, tone regulator to be on "brilliant".

The transmitter is to be connected by means of artificial antenna (200 pF and 400 ohm in series) to the control grid of the ECH 81. The outputmeter is connected to the main receptacles of the power transformer. The IF circuits I to IV are to be adjusted to maximum. Artificial antenna to be connected to antenna grounding receptacles and IF circuit V to be adjusted to minimum.

Broadcast Band

Turn station selector to extreme right (515 Kc) and adjust indicator at end marks. At gauge mark 555 Kc adjust oscillator reel "a" and circuit "c". At gauge mark 1,480 Kc adjust oscillator trimmer "b" and circuit trimmer "d". Repeat adjusting until no further improvement can be obtained.

Short Wave 1:

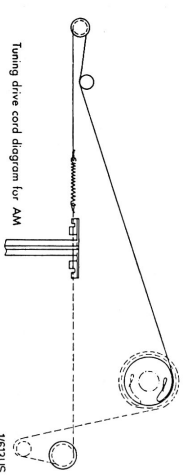
Depress key "SW 1"

Adjust oscillator (c) and circuit (f) reels at gauge mark 1,6 Mc. The circuit trimmer (E) is to be adjusted at 4,9 Mc. Repeat adjusting until no further improvement can be obtained.

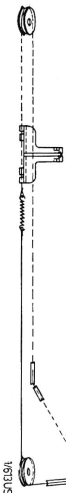
Short Wave 2:

Depress key "SW 2"

Set circuit trimmer (k) to maximum capacitance. Then adjust oscillator (h) and circuit (i) reels at gauge mark 6,1 Mc. The circuit trimmer (k) is to be adjusted at 17,9 Mc. Repeat adjusting until no further improvement can be obtained.



Tuning drive cord diagram for AM



Instructions for adjusting FM

1. Connect signal-generator to antenna jacks and adjust oscillator range. Variable condenser tuned in, 88 Mc point D to maximum. Variable condenser tuned out, 106 Mc point C to maximum. The adjustment must be repeated until final position of variable condenser corresponds with the frequency indicated.
2. Tuning of RF circuit:
 - 90 Mc point C) to maximum output,
 - 106 Mc point F)

Adjust RF tuner by variable condenser to these frequencies. Adjusting must be repeated until maximum is obtained.

3. Check grid current of oscillator over the entire range. Tension must be between 2,0 and 4,0 V.
4. Neutralize RF stage on point H. Do not change position of iron core thereafter.
5. At point E the neutralization of the oscillator is adjusted. This adjustment pertains to the oscillator interference radiation; therefore, the trimmer E must not be turned.

