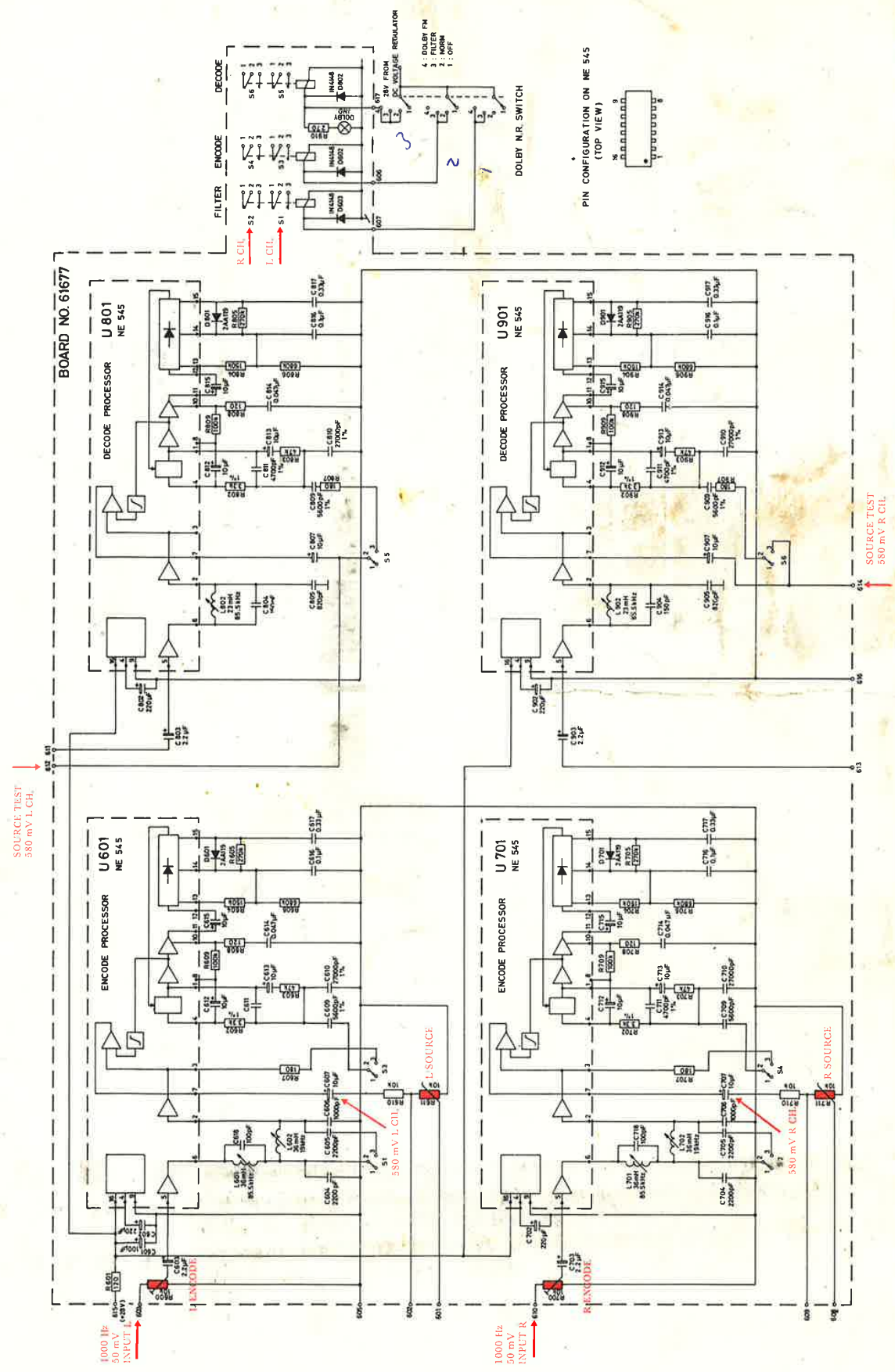


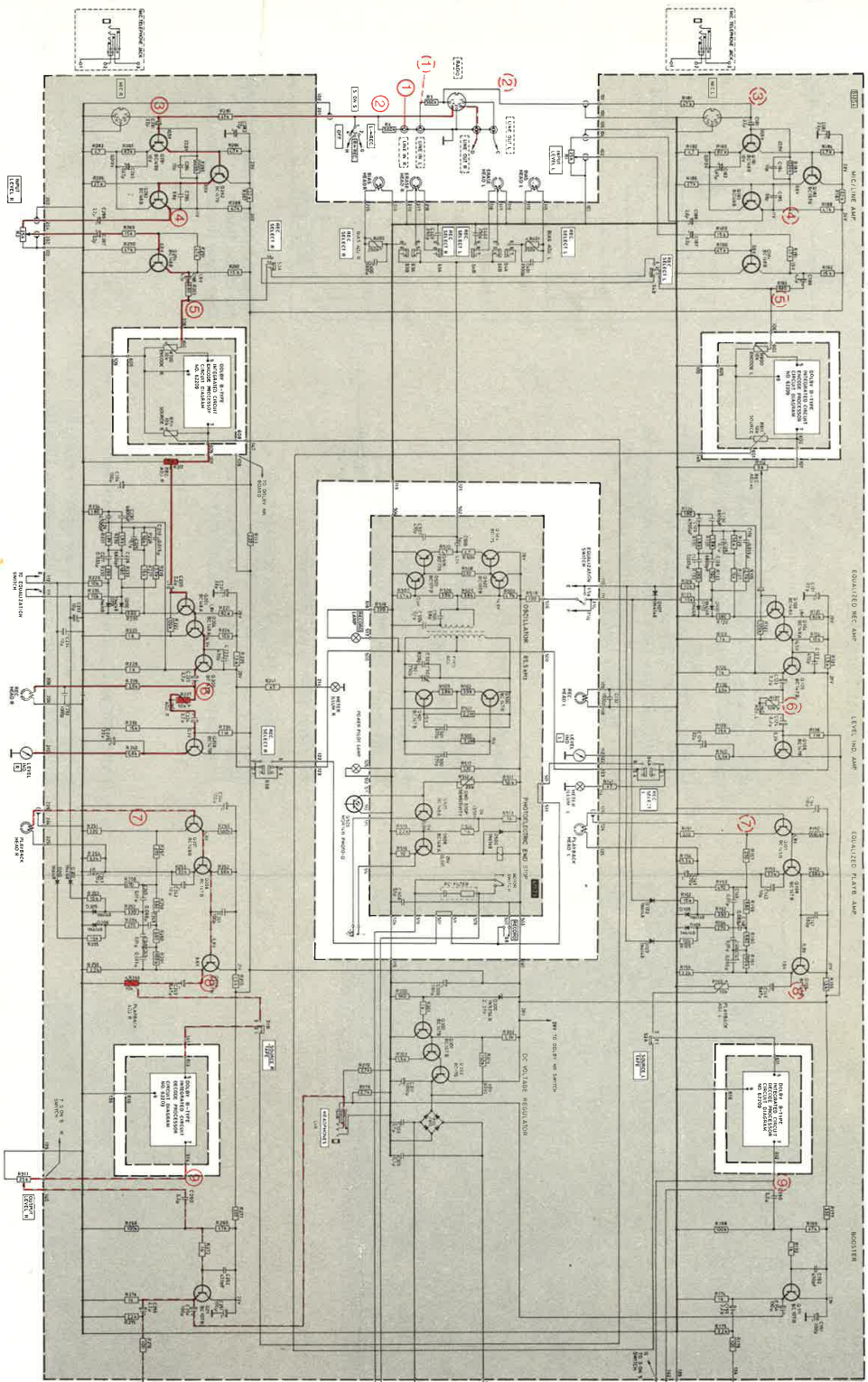
MC TELEPH

MC TELEPH

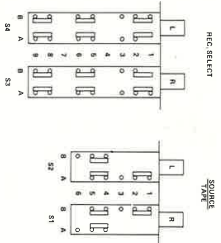


CIRCUIT DIAGRAM

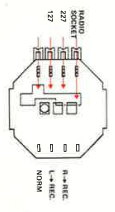
tape deck 3600XD TANDBERG



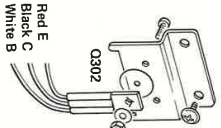
SENSITIVITY AT 1000 Hz	
MIC.	LINE
1	100 mV
2	5 mV
3	140 μV
4	35 mV
5	95 μV
6	1.3 mV
7	35 μV
8	35 mV
9	35 μV
10	0.95 V



Seen from solder side.



Sound on Sound Switch
Seen from the rear.

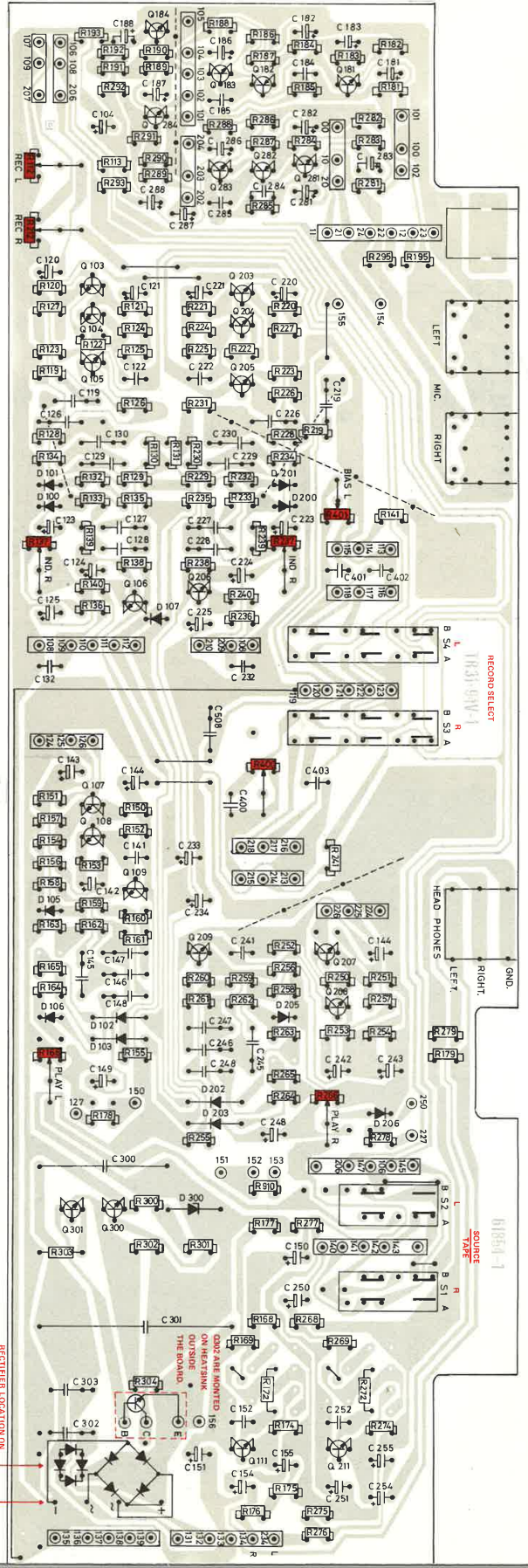


When replacing the transistor be sure to position the mica side against the mica washer.

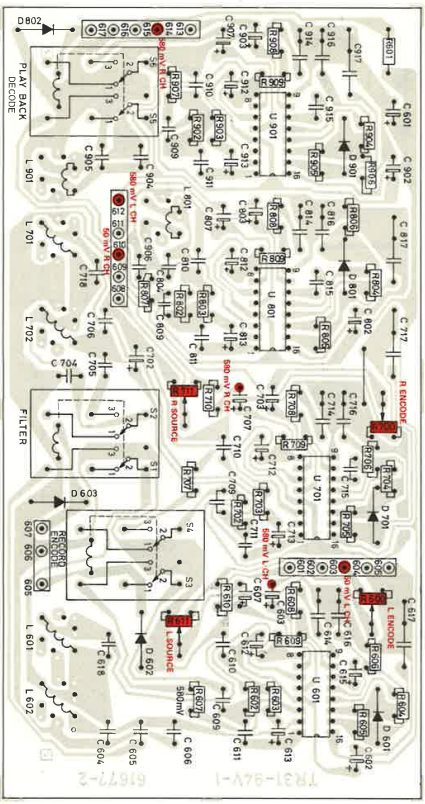


From Serial No. 4200001.

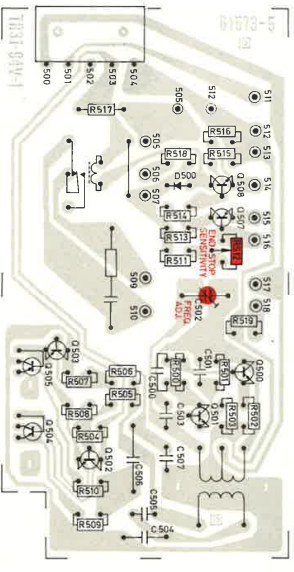
1257 - 5 - 75
Printed in Norway by Sem & Stenerson



The Main Board.
Seen from solder side.



The Dolby Board.
Seen from solder side.



Board for oscillator, bias circuit and photoelectric end stop.
Seen from solder side.

LEVEL ADJUSTMENTS

Dolby playback level

Play back Tandberg Test Tape No. 25 or Ampex Dolby operating lever tape. Dolby switch to OFF and the OUTPUT LEVER to maximum (7½ ips).

Measure at the LINE OUT and adjust with PLAYBACK ADJ. R66 (L) and R166 (R) to 570 mV on LINE OUT. This level corresponds to 580 mV on Dolby decoder output, pin 612 and 614 on the Dolby board.

Dolby levels

Potentiometers on the Dolby board are adjusted at the factory and sealed.

For recalibration do as follows:

Set the deck to SOURCE. Connect an audio-generator, 1000 Hz to LINE INPUT. Adjust with the INPUT LEVEL controls to 50 mV in point 603 (L) and 610 (R) on the Dolby board measuring with an a.c. voltmeter.

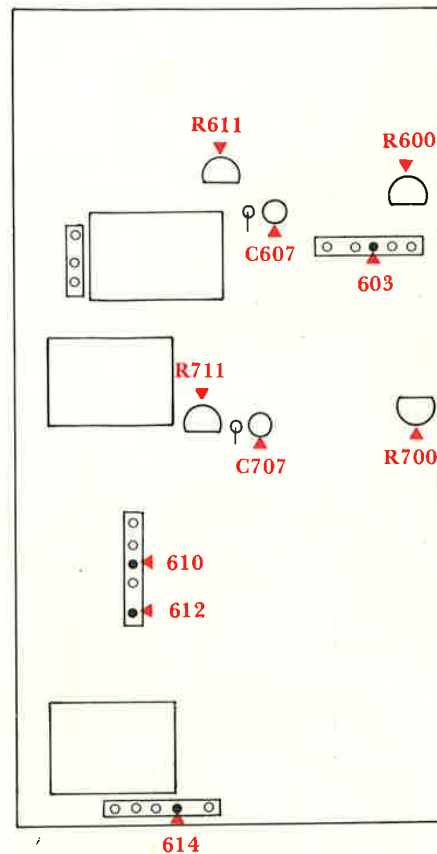
Then adjust to 580 mV with R600 (L) and R700 (R) measure at C607/C707 — side (can). Measure on pin 612 (L) and 614 (R) and adjust to 580 mV with R611 (L) and R711(R).

TAPE/SOURCE and record meter adjustment

Load the deck with a high quality tape, for example Maxell UD 35. Connect an audio generator, 1000 Hz to LINE IN. Set the deck to stereo record in SOURCE and adjust with the INPUT LEVEL controls to 1 V at LINE OUTPUT (OUTPUT LEVEL controls to maximum). Set the deck to TAPE and adjust to 1.15 V with R112 (L) and R212 (R).

Adjust record meters to 0 dB with R137 (L) and R237 (R) when the record level is adjusted.

The word "Dolby" is a Trade Mark of the Dolby Laboratories Inc.



**Adjustments and measuring point on the Dolby Board.
Seen from the component side.**

NOTE!

When ordering Integrated Circuits for the Dolby Board, specify the colour painted on the IC terminal legs by our factory. The colour code corresponds to the frequency response of the IC, and the same colour should be used on one board. The colours are Black, Blue and Orange.

From Serial No. 4200001