Service
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FL1.1

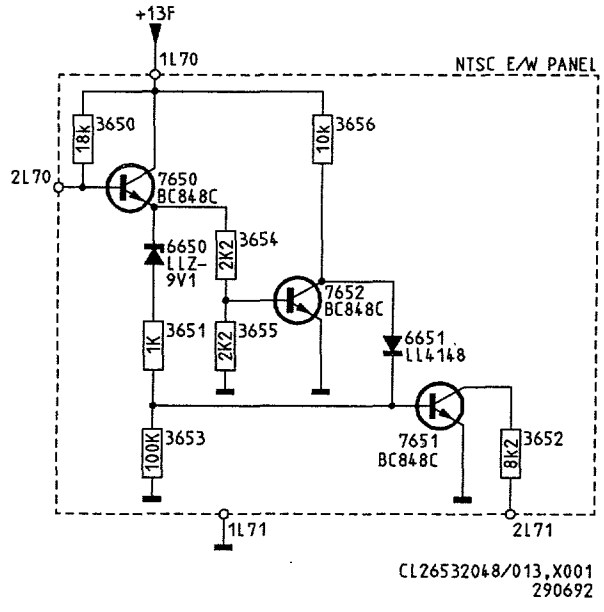
AC 92.06

Service Information

1. Modifications NTSC panel

This panel has been modified during production. This modification was introduced in week 9202. The new circuit and parts list is given below.

3650	4822 051 20183	18k 5% 0.1W
3651	4822 051 10102	1k 2% 0.25W
3652	4822 051 10822	8k2 2% 0.25W
3653	4822 051 10104	100K 2% 0.25W
3654	4822 051 20222	2k2 5% 0.1W
3655	4822 051 20222	2k2 5% 0.1W
3656	4822 051 10103	10k 2% 0.25W
6650	4822 130 82583	LLZ-C9V1
6651	4822 130 80446	LL4148
7650	5322 130 42136	BC848C
7651	5322 130 42136	BC848C
7652	5322 130 42136	BC848C



2. Introduction new SSP print layout

During production a new layout for the small signal panel (SSP') was introduced in week 9205. The new panel has been introduced in sets whose serial number begins with AG06 or higher. The new circuit diagrams, print layout and parts list have been published in Service Manual FL1.1 AC.

3. New XICOR

During production position 7137 of the small signal panel has been modified from a X2404 to an ST24C04B1 (4822 209 52316). This modification was introduced in week 9207.
Several other components have also been modified during this modification, some of which were introduced earlier.
These modifications are:

Removed
Positions 3256 and 3257

Modified
Positions 3122 and 3123 (8k2) 4822 051 10822

Added
Positions 3287 and 3288 (10K) 4822 051 10103
Positions 6256 and 6257 (LL4148) 4822 130 80446
Positions 6135 (4702) 4822 051 10471

The addition of position 6135 must occur if 7137 is modified to an ST24C04B1 and may not be present if an X2404 is used.

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4. Introduction of new delay line

During production position 7366 (TDA 4660) of the small signal panel has been modified to a TDA4661 (4822 209 31714). This modification has been introduced as from week 9216.
Along with the IC several other components have been modified, namely:

Removed
Position 2386
Position 3385

Modified

Position 3383 to 33kΩ	4822 051 10333
Position 3390 to 820Ω	4822 051 10821

5. Introduction V28 software

A new microprocessor panel has been introduced during production. The software on this panel has been modified with the possibility for switching out digital sound with a poor NICAM signal, and no longer going into standby after 10 minutes if a sound-only external signal is being received by the set. This new microprocessor panel has been introduced in sets whose serial numbers begin with AG07 or higher. The code number for this panel is 4822 212 23894.

6. Addition SECAM DK

It is currently possible to add SECAM DK to FL1.1 sets. The code number for the SECAM DK print is 4822 212 30039.

A. Addition of SECAM DK to NICAM sets

- with NICAM module 3104 317 16420 or 3104 317 16430:
  - add bridging wire 9122 to the NICAM module solder DK print in connector N50 on the NICAM module.
  - **CAUTION!** pin 1 of N50 is <u>not</u> the equivalent of pin 1 on the DK print connector, but pin 9.
- with NICAM module 3104 317 17070 or 3104 317 17080:
  - add bridging wire 9017 to the NICAM module
  - solder DK print in connector N50 on the NICAM module.

To obtain SECAM DK positions 4610 and 2604 have to be present on the small signal panel and the bridging wire 9615 removed. These components are all present in multi-sets so that bridging wire 9615 must be removed.

B. Adding to non NICAM sets

- add jumper 4166 on the small signal panel
- solder DK print in connector S43 on the small signal panel

To obtain SECAM DK positions 4610 and 2604 have to be present on the small signal panel and the bridging wire 9615 removed. These components are all present in multi-sets so that bridging wire 9615 must be removed.

Remarks: Option code 1 must be increased with 32.