Service Note		
Product	Description:	Service note no.
DBMAX	**Max Analog Input Level: +27dBu**	**720 10 T064**

IMPORTANT:

This modification increases the Max Analog <u>Input</u> Level from +22dBu to +27dBu.

Max Analog <u>Output</u> Level is increased to +26dBu.

The modification requires software version 2.02 or higher.

Units with Serial No. 1300876 or higher are already modified from factory.

Modifications should only be carried out by authorized technicians.

Procedure:

1. **Make a backup of the user presets on a memory card.**

2. **Turn Off Power and Disconnect Power Cord.**

3. Remove the top lid by loosen five screws.

4. Replace R212, R213, R214 and R215 on the main board, see fig. 1 at the next page. Value for the new resistors are 4.64 Kohm, 1%. (TCcode: 154 4464 11)

5. Replace R150 and R141 with 10 Kohm, 1% resistors (TCcode: 154 5100 11)

6. Replace R158, R159, R160, R172, R145, R146, R152, R140, R148, R143 and R295 with zero ohm resistors (TCcode: 151 0000 11)

7. Remove R164, R165, R166 and R167.

8. Mount the top lid again using the five screws.

9. Connect power.

10. If necessary; load in software version 2.02 (or higher).

11. Load in the user presets if they were deleted.

Note:

R295 controls the level settings in the software.

With R295 mounted (0ohm) the software 2.02 expects this modification done.

Without R295 the software expects the Max Analog Input Level to be limited to +22dBu, hence a window is displayed with the message "Warning! Analog Levels Limited" when a I/O Level setup (e.g. PA High Level) with more than 22dBu as Analog Inlevel, is recalled.
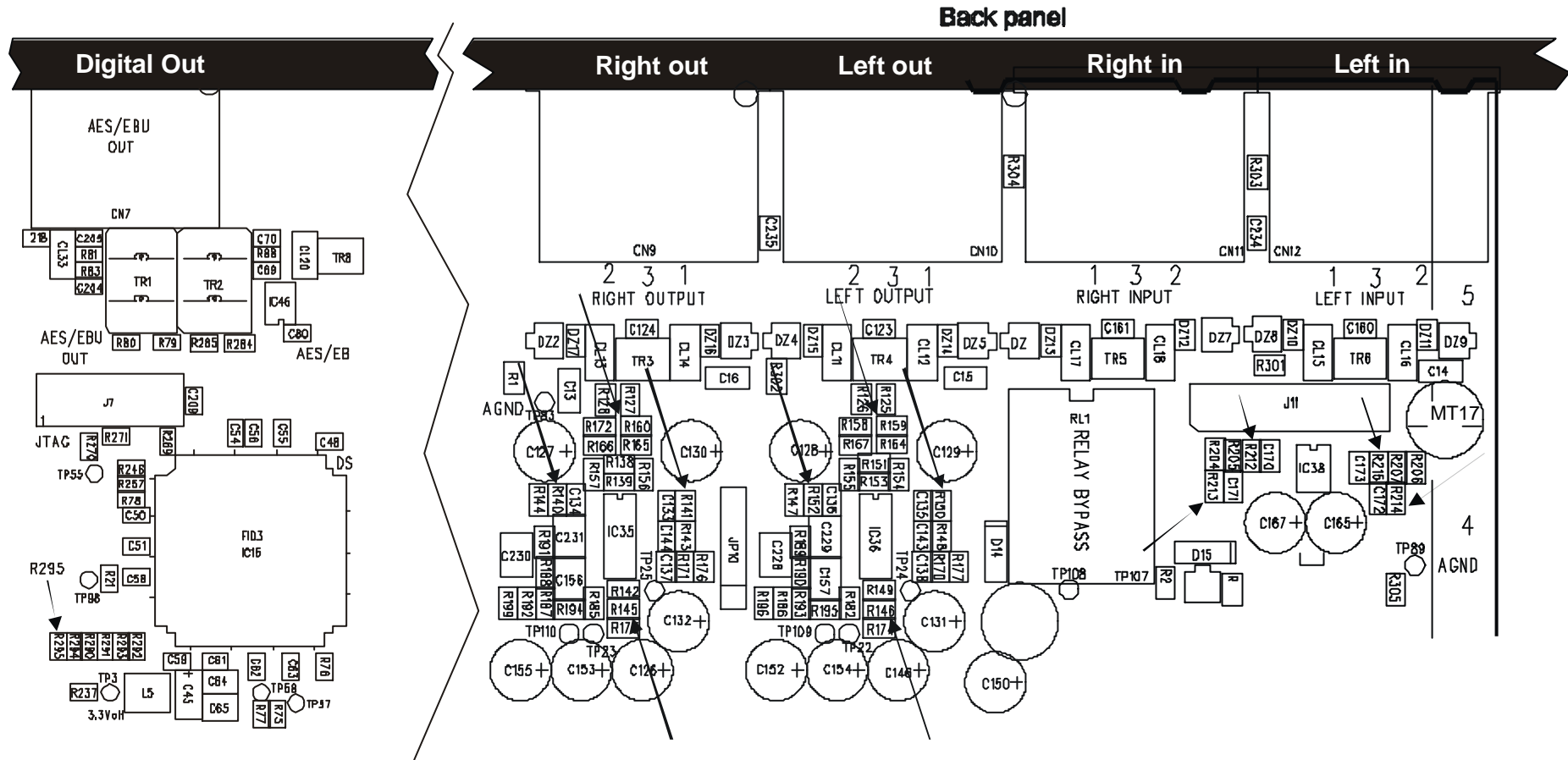
Fig. 1: Placement of resistors in DBMAX.