Service Note

Product	Description:	Service note no.
D22	**Upgrade to Double Delay time (2600ms)**	**720 10 10 01**

IMPORTANT:

This note only concerns units with serial no. lower than 2000375.

The upgrade should only be carried out by qualified technicians.

TC item numbers are shown in brackets ( )

Procedure:

1. **Use a PCMCIA card to make a copy of the user presets.**
2. **Turn Off Power and Disconnect Power Cord.**
3. Remove the top lid by loosening five screws, see fig.1.
4. Disconnect front connector, J1, see fig. 2.
5. Remove screws at MT7, MT8, MT2 on the main board.
6. Remove 9 screws at the XLR connectors, see fig. 3.
7. Remove the screw at the SPDIF in/out connector, see fig. 3.
8. Remove the nut at the SYNC IN connector, see fig. 3.
9. Remove the jack nut at the EXT. IN connector, see fig. 3.
10. Push the main board into the front profile a little to free the connectors from the back panel, then lift out the board.
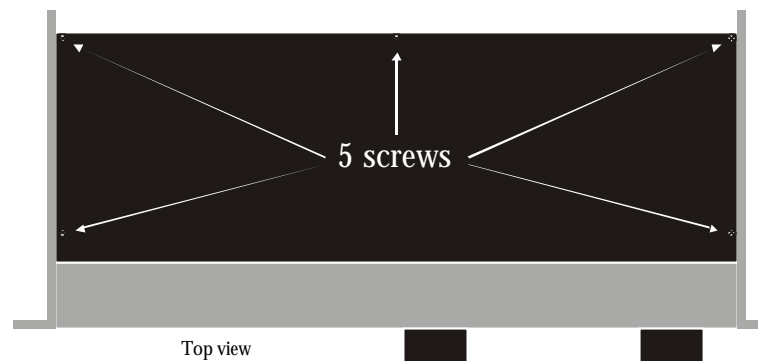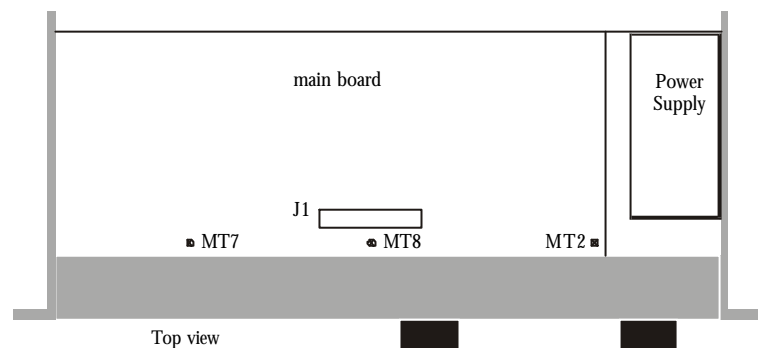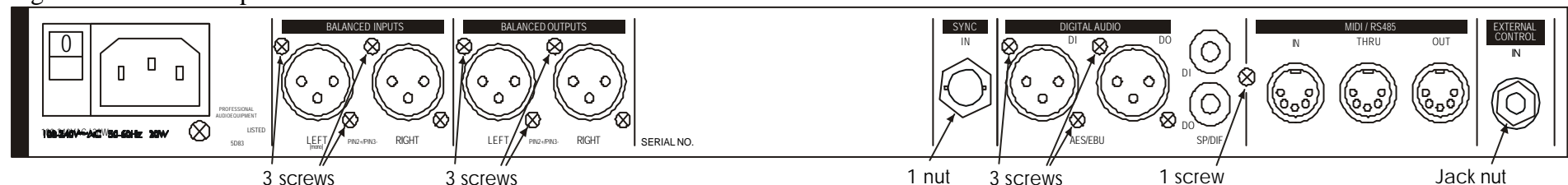
Fig. 1: Screws on top lid

Fig. 2: Location of J1, MT7, MT8 and MT2

Fig. 3: Screws at back panel.

Service Note

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D22	**Upgrade to Double Delay time (2600ms)**	**720 10 10 01**

Procedure:

11. Mount the metal spacer (566007030) at MT12 by use of 1 screw (563005030) and 1 star washer (565052030). See fig 4.
12. Solder in the new 68 pin connector (523056011) as J13
13. Mount the main board again.
14. Mount the new Fast EX. RAM board at J13. See fig. 5.
15. Fasten the board to the metal spacer by use of 1 screw and 1 star washer. See fig 5.
16. Mount a 0 ohm resistor (151000011) at R291, see fig 5.
17. Mount the top lid.
18. Load in application software version 2.00 (or higher)
19. If necessary; load in the user preset. Presets are compatible.
20. Perform an audio test and verify that the signal now can be delayed up to 2600mS in both left and right side.

Contents of Double Delay Time upgrade kit:

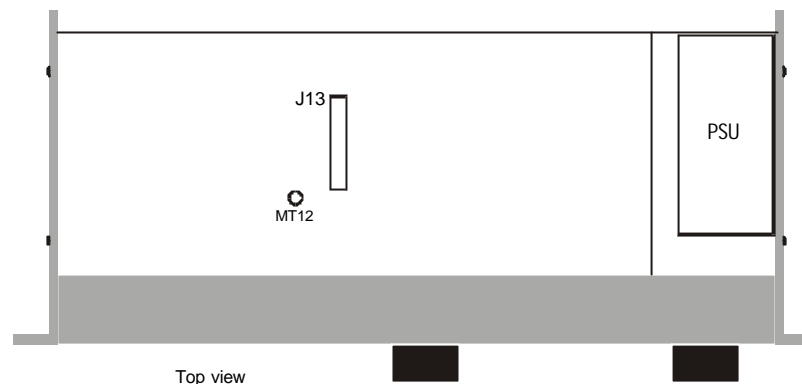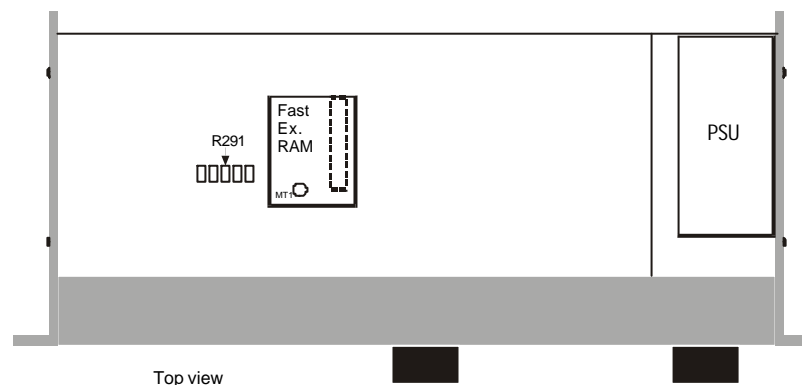|		
1 pc	Fast EX RAM board, P12902-30	
	(with a piece of foam on top: 3cm x 576010011)	
1 pc	523056011	68 pin connector
1 pc	566007030	Metal spacer
2 pcs	563005030	Screw
2 pcs	565052030	Star washer
1 pc	151000011	0 ohm resistor
1 pc	Service note no. 720 10 10 01	

Fig. 4: Location of MT12 and J13.

Fig. 5: Location of R291 and Fast EX. RAM board.