When the time comes when you want to upgrade your M5000 with additional modules in order to run more than one effect simultaneously, the procedure is as follows:

    1.   Switch the machine OFF and disconnect the main power cord.

    2.   Remove the DUM-1 option plate(s) or module by loosening the 2 screws.

As the M5000 modules are sensitive to static electricity, certain precautions must be taken to protect them from damage during storage and handling.

STORAGE

Non-mounted modules should always be stored in anti-static shielding bags.

GENERAL HANDLING

When inserting or removing any modules, avoid touching the circuit board by handling only the rear panel of the module. Modules should always be placed in either an M5000 or in a shielding bag. To minimize the static potentials that can cause damage to the electronic circuits, you should observe precautionary grounding techniques such as touching a grounded M5000 Audio Frame immediately before inserting modules.

REMOVING MODULES

Before removing any module from your M5000, switch off the power and unplug the main power cable. Unplug all other connections from the module before unscrewing the two screws securing the module in the Mainframe. When removing a module from an M5000, the module should be mounted directly in another M5000 or placed in an anti-static shielding bag.
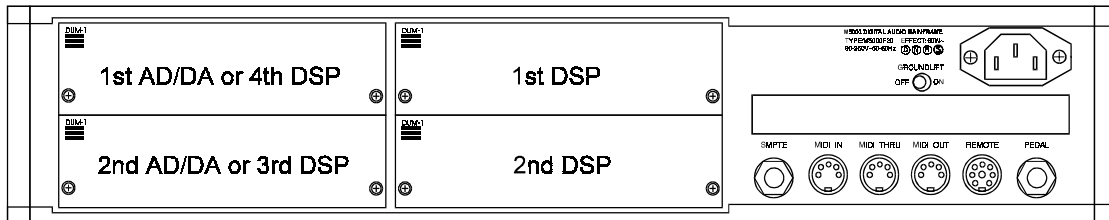
MOUNTING MODULES

Before mounting modules in your M5000, switch off the power and unplug the main power cable. Remove the dummy-panel or original module from the slot where you want to install the module. The module should then be removed from the shielding bag and mounted directly in the M5000 Audio Mainframe by handling the rear panel of the module only. Avoid touching any components on the PCB-Board.

    3.   Set the DIP-switches on the module cards as shown below.

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	Dip 1	Dip 2	Dip 3	Dip 4	Addr.
1. DSP	off	off	off	off	0
2. DSP	off	on	off	off	2
3. DSP	off	off	on	off	4
4. DSP	off	on	on	off	6

	Dip 1	Dip 2	Dip 3	Dip 4	Addr.
1. ADDA	on	off	off	off	1
2. ADDA	on	on	off	off	3

4.　　　Insert the module as shown in figure 1 below.

fig. 1

AD/DA cards are always mounted as far away as possible from the power supply!

The module cards will fit in the module guides inside the M5000 frame. **It is important that the modules are mounted correctly in these blue guides** to ensure proper connection to the buss. It is recommended that you use a powerful light source in order to see properly inside the frame. Improper connection may cause serious damage to the modules.

5.　　　Fasten the module with the two screws and connect the cables.

6.　　　The module cards will be initialized during the next power up.

7.　　　If there are problems e.g. the cards are not recognized by the M5000 frame, please check once again - especially the address settings.

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