

How do I control a multi-track machine using Midi-Machine-Control (MMC) ... ?

The example below shows how to connect and control a multi-track machine using closed loop MMC, the Sony PCM-800, Tascam DA-88, DA-38 and DA98HR machines, have all been successfully tested.

- 1- Connect the MIDI OUT of the DMX-R100 to the MIDI IN of the DA-88.
- 2 -Connect The MIDI IN of the DMX-R100 to the MIDI OUT of the DA-88.
- 3 - Select the machine number you want to use on the DMX-R100 (eg. Machine 3), by pressing the machine 3 button.
- 4- Select a MIDI Channel on the machine, eg. Channel 1
- 4 - Assign a machine (machine 3), on the DMX-R100 to MIDI channel 1 using the "Machine Control" menu.
- 5 - If the DA-88 is already set up for MMC on channel 1 you should now have control of the machine, otherwise see below....

Setting up the PCM-800 / DA-88:

DIP Switch	Setting	Function
S1 bit 2 (On the rear panel)	"ON" (up)	MMC / 9-pin select
S1 bit 6 (On the rear panel)	"ON" (up)	MTC Regen ON
S2 bit 8 on the remote board	"ON" (Factory Default)	MTC ON

NOTES:

1 - If there is No Timecode (TC) on the tape, and the machine is set to playback TC, no TC will be displayed on the transport control display of the DMX-R100. In this case, set the machine to output Absolute code as Timecode, the absolute time will then be displayed.

2 - To make the DMX-R100 automation chase the MTC from the PCM-800, the MIDI Out from the PCM-800 must be connected to the MTC connector on the DMX-R100. This should be done by connecting the "Thru" connector on the DMX-R100 to the "MTC" connector using a short MIDI cable.