

# **DP226 / DP224 Application Note #07**

## **Program Changes via MIDI and effect on other units**

### **Please read all the following instructions before commencing**

#### **Using MIDI as the master source into a DP226 / DP224**

1. Use the interface setup submenu to select the unit as a master with master source as MIDI
2. Select appropriate MIDI channel or OMNI (listens to all MIDI channels)
3. Select an appropriate baud rate for the information to be sent back out of the RS485 port to slave units if required
4. Select remote ID number as 1
5. The unit will now respond to all MIDI system exclusive commands and program changes
6. The information received by the unit will then be relayed back out of the unit via its RS485 port so that other DP devices will receive all commands via RS485

#### **MIDI Program change numbers with effect on DP226 / DP224:**

Program Change 1 to 40 = Will recall input memories 1 to 40

Program Change 41 to 64 = N/A

Program Change 65 to 73 = Will recall input and X-over memories 1 to 9

Program Change 74 to 96 = Will recall input memories and presets

Program Change 97 to 105 = Will recall X-over memories 1 to 9

Program Change 106 to 127 = Will recall presets only

#### **Using a DP226 / DP224 with RS485/232 as the master source, but selecting MIDI relay (merge)**

1. Use the interface setup submenu to select unit as a master with master source as RS232 or RS485
2. Select MIDI relay 'yes'
3. Select appropriate MIDI channel or OMNI (listens to all MIDI channels)
4. The unit will now listen to all RS485/RS232 commands, but merge in any program changes commands from the MIDI port and again merge and relay the information via the RS485 port

#### **Using a DP226 / DP224 with RS485/232 as the master source, but selecting MIDI relay. When MIDI information is coming from another DP series device**

1. Setup the unit as described above and connect a 1-1 MIDI lead from the THRU port, on a DP200, DP202 or DP100, to the MIDI port on a DP226 / DP224
2. Any program changes sent to a DP series device will then be sent and merged into the unit

#### **Sending / merging MIDI program changes directly into the PC / AudioCore**

1. Attach a suitable MIDI device, which has a MIDI input, to the PC
2. Select 'External MIDI Recall' from the 'memories' menu on AudioCore
3. Select the appropriate MIDI device, which will be receiving the program changes, from the drop down list and click OK

*If the device does not appear in the list, it is not configured or connected correctly*

4. AudioCore will now change memory when it receives a MIDI program change command (NOTE: This feature only allows 'input and X-over memories' 1 to 9 to be recalled)
5. Setup communication, as normal, between AudioCore and any DP devices and the units will change memory too

NOTE: To disable this feature, follow step 2 and click the 'disable' button