



DM-24 HUI emulation with Pro Tools

My 001 is on a Mac G4 running Mac OS 9.1.

I simply have the MIDI in and out of the DM-24 plugged in to the MIDI in and out of the 001. I also have an OMS setup showing just those connections.



As a device I have:

Manuf: Mackie

Model: other

Device ID: 0

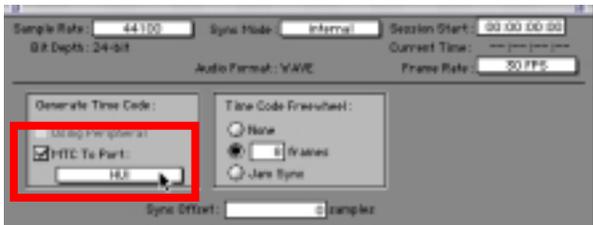
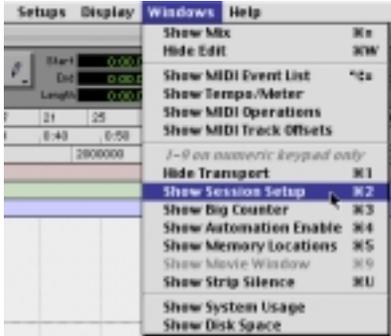
Name HUI

Receives MTC is checked

Is Controller is checked

Receives on CH 1

In Pro Tools Session Startup window
MTC to Port is checked and HUI is the chosen port.



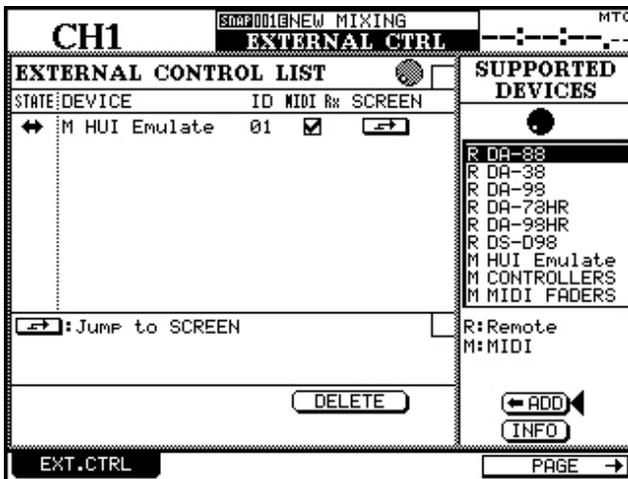
Under SETUPS-PERIPHERALS-MIDI CONTROLLERS
#1 TYPE is HUI
Receive from HUI
Send to HUI
Channels 8



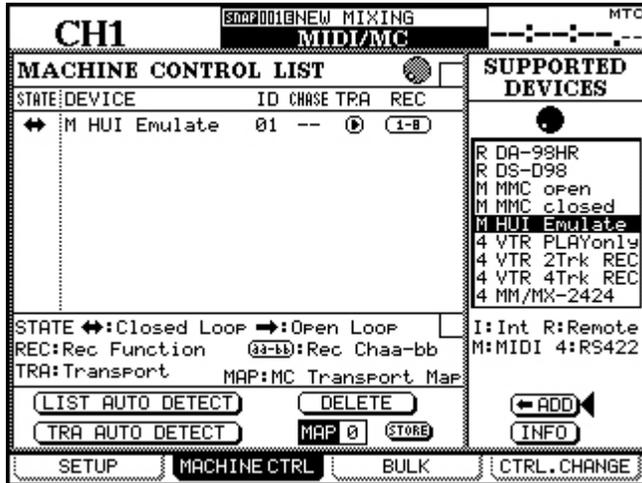


Obviously if you have a larger system with a different OMS setup, your settings will be a little different. But this should give you a good understanding of how the communication works.

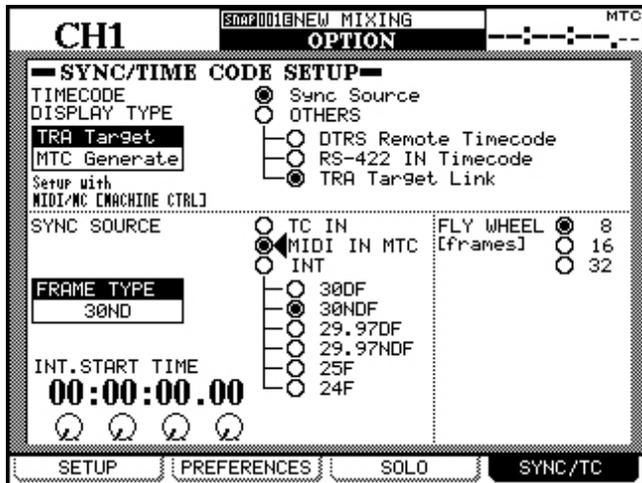
On the DM-24 EXTERNAL CONTROL page.
I have HUI EMULATE ID 01 MIDI RX checked.



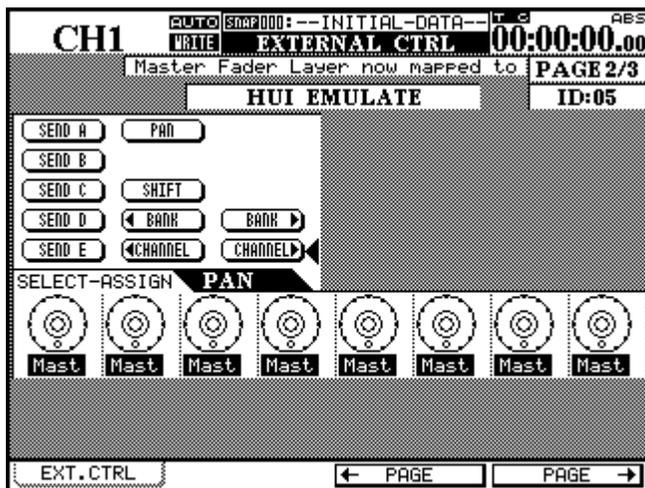
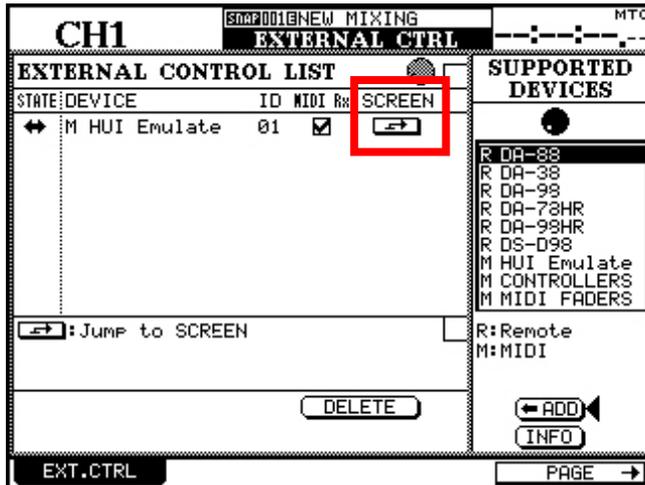
On the MACHINE CONTROL page I have HUI EMULATE ID 01 TRA checked and REC 1-8.



On the OPTION-SYNC/TC page I have SYNC SOURCE and MIDI IN MTC checked. This allows the DM-24 automation to be triggered by the MTC sent from Pro Tools.



On the DM-24 EXTERNAL CONTROL page use the cursor to point to the JUMP TO SCREEN icon and press ENTER. This will take you to the HUI control screen.



SEND A-E refer to aux sends.

If you point to A and press ENTER the encoders on the LCD will show you all of the levels for the first aux send on the channels viewed.

Using the cursors you can highlight the encoder area and adjust them 4 at a time.

Pressing SHIFT flips the aux send controls from the POD knobs to the faders. This allows you to control the aux sends 8 at a time with touch sensitive faders.

When PAN is solid it will show you the pan settings for all channels viewed on the encoders on the LCD screen. Press ENTER and PAN will flash. This simply removes PAN control from the POD knobs.

Moves made with the HUI emulation are recorded in Pro Tools automation, NOT with the DM-24 automation. MTC sent from Pro Tools is used to trigger the DM-24's internal automation. This is helpful if you are running audio in to the DM-24. If you are ONLY using the DM-24 as a "control surface" and mixing in Pro Tools, the MTC going to the DM-24 is not needed.

The small print

HUI is a registered trademark of Mackie Designs Inc. Pro Tools is a registered trademark of Avid Technology, Inc. and its subsidiaries and divisions.

The DM-24 provides basic HUI functionality.

Faders, pans, mutes, track arming, aux sends, transports, banking in groups of 8 and individual channel banking.

The DM-24 does NOT provide all the features of a Mackie HUI.