



# Help Me Sheet: Studio J

## Slots:

- There are 3 'slots' in the back of the board.
  - Slot 1 is 16 channels in and out via AES/EBU
  - Slot 2 is 16 channels in and out via AES/EBU
  - Slot 3 is 8 channels analog out to the patch bay, 1-4 are normalled to cue sends A and B
- Any input or output from the slots can be assigned to any channel in the board.
  - To see this configuration press the "Input Patch" or "Output Patch" display button

## Loading Initial Settings:

- Press the "Data" Display button
- Under the "LOAD" tab, recall "Studio J" setting
  - This assigns the slots to the layer configuration below
  - ***Please do not save anything on the Smart Media card***
- In the Scene Memory portion of the board, press the up and down arrows until you reach scene "00" and then press Recall
  - This will essentially zero the board

## Layers:

*With Studio J Preset Loaded*

- Layer 1-24 = Microphone pres 1-24
- Layer 25-48 = Back from Pro Tools A1-16 & B1-8
- Layer 49-72 = Back from Pro Tools B9-16 (on Yamaha channels 49-57)
- Remote 1 = Control Surface for Pro Tools
  - There is no 'bank' button to bank to different faders. To change the first track that will be controlled Control+Shift+Click on a track's nameplate in Pro Tools

## Monitoring:

- 'Control Room' > 'Stereo' Section
  - 2TR D1 = Digital out from Tascam CD player (default channel 89&90)
  - 2TR A1 = Analog out from Tascam CD player (default channel 93&94)
  - 2TR A2 = Auxiliary 1/8" (default channel 95&96)
  - Assign 1 = Aux 1+2 on Dynaudios

- Assign 2 = Aux 3+4 on Dynaudios
- ‘Surround Monitor Level’ knob controls JBLs
  - ‘BUS’ must be selected
- ‘Control Room Level’ knob controls Dynaudios
  - ‘SMALL’ must be selected

## **Routing (In Stereo):**

- Press the “Pan/Surround” display button until you reach the “SURR MODE” tab
  - Ensure surround mode is set to stereo
- Select track by touching fader and assign to stereo mix via routing section
  - This sends the track to the stereo bus that you will hear in the control room, therefore if you don’t want to hear something but still want audio to pass, do not assign a track to the stereo bus

## **Routing (In Surround):**

- **Option 1-** In The Box
  - If you have 6 discrete channels, or a surround track, coming out of Pro Tools (all of your surround panning will be done in Pro Tools) set the outputs of your tracks to 6 channels, or one track that has a 5.1 output
  - Press the “Pan/Surround” display button until you reach the “SURR MODE” tab
    - Ensure surround mode is set to 5.1 (or your desired surround mode)
  - Bus the tracks to their corresponding outputs
    - 1 - L
    - 2 - R
    - 3 - Ls
    - 4- Rs
    - 5 - C
    - 6 - LFE
  - “Follow Pan” in the routing section *should not* be selected
- **Option 2-** On the board
  - Press the “Pan/Surround” display button until you reach the “SURR MODE” tab
    - Ensure surround mode is set to 5.1 (or your desired surround mode)
  - Output the track from Pro Tools to a channel on the board
  - Select the channel that you want to pan on the board by touching its fader or pressing the “SEL” button above the fader
  - Route the channel to buses 1-6 in the routing menu.
    - “Follow Pan” should be selected
  - In the “Pan/Surround” menu “CH EDIT” tab give the best view of pan destination
  - Select “GRAB” next to the surround panner to enable its use

## **Aux Sends and Headphone Cues:**

- Slot 3 (Output 1-8) should be set to Aux 1-8
  - Access this from the “Output Patch” display button
- To pair Aux sends (send the exact same amount to both left and right headphone speakers) click on the “Pair” display button, then the “OUTPUT” tab, and select stereo for the Aux sends that you want to pair
- BOTH the Encoders (pan knobs) and Faders (faders) can be used to control Aux send levels
  - In the “Encoder Mode” section of the board, selecting AUX will change the encoders’ function to adjust the level of whichever aux is selected in the “Aux Select” portion of the board.
  - In the “Fader Mode” section of the board, selecting AUX will change the faders’ function to adjust whichever aux is selected in the “Aux Select” portion of the board.
- To set your aux sends to either Pre or Post fader:
  - Press the “Aux Select” display button
  - The aux send that is being is displayed in the top left-hand side of the screen is the one that you are editing. To change this press the aux you would like edit in the Aux Select section

## **Time-Based Effects:**

- There are 8 internal effects ‘units’ that can be used at the same time. You can route signal into these from the “Input Patch” display button under the “EFFECTS 1-2” and “EFFECTS 3-8” tabs.
  - Effects 1&2 are designed to be 5.1 sends
  - Effects 3-8 are stereo effects
  - Default effect returns go to channels 73-88

### ***For Example:***

- To assign a reverb to Effect 3 using Aux 5-6:
  - In the “EFFECTS 3-8” tab used the arrow keys to navigate to the “IN 1” and “IN2” boxes on the left
    - Change In 1 by moving the selection box over the boxes on the left and roll the Parameter wheel until you see your desired selection, in this case Aux 5, then hit enter. Repeat for Aux 6
  - Change Out 1 and Out 2 to where you want the reverb to go
    - For this example, say we are sending a vocal from Pro Tools to Channel 27 on the board, and trying to bring the stereo reverb back to Channel 47 and Channel 48
  - Send the channel you are trying to affect to Aux 5&6. *It might be useful to know how to pair Aux sends, which is covered in the headphone send section of this document.*
  - Turn up your return channels

- To change the effect:
  - Press “Effects/Plug-ins” display button, ensure that “Internal Effects” button is selected and the effect you are trying to change is selected from the numbers 1-8 below

## **Pro Tools I/O:**

- All connections are digital AES/EBU
  - In Setup>Hardware, Digital Format should be AES/EBU
- HUI Control in Pro Tools:
  - Under Setup > Peripherals > MIDI Controllers
  - Set controllers 1-3 to HUI
  - Set “Receive From” for 1-3 to ports 5-7 respectively
  - Set “Send To” the same as the previous step

## **Tips and Tricks:**

- Make sure your encoder mode and fader mode are set appropriately.
- Channel settings can be copied and pasted from underneath the equalizer section. Just select a channel, press copy, and select another channel and press paste. All aux sends, EQ settings, compressor settings, and routing will be copied.
- Two channels can be paired by pressing and holding the first track’s SEL button and pressing the second track’s SEL button.

## **Studio Manager:**

- To ensure sync between the console and the SM2 software:
  - File > System Setup
  - Input and Output must both be set to Port 1
- To save or import your SM2 file:
  - Synchronization > Re-Synchronize
    - If you want to save settings that you already have on the board then synchronize from console to PC and then save
    - If you have your settings already in SM2 then open the file and synchronize from PC to console