

## Connecting the SI-24 to the VS-2400CD for Expanded Operation

When the SI-24 is used in tandem with the VS-2400CD, it becomes a powerful expander with 8 additional analog preamps and faders, switches & knobs that can be used to control certain parameters in the VS-2400CD. A single R-Bus cable is all that is needed to provide transport / remote control, sync capabilities, and digital audio connectivity between the SI-24 and the VS-2400CD.

Here's how to connect the SI-24 to the VS-2400CD...

1. With both units Off, connect one end of the R-Bus cable to the SI-24 R-Bus port, and the other end of the cable to the R-Bus port of the VS-2400CD.
2. Power On both the SI-24 and the VS-2400CD.
3. On the SI-24, while holding the SYSTEM button down, press the L5 button to auto-configure the SI-24. Verify that the MIDI ctrl. button is not lit, thus allowing R-Bus connectivity to the VS-2400CD.
4. On the VS-2400CD, hold the SHIFT button and press F4, UTILITY, then press the PAGE button to select Page 4. The "R-Bus" option will appear over F1.
5. Press the F1 button to enter into the R-Bus Configuration screen, and turn the "R-Bus Remote Control" On, by turning the TIME/VALUE dial. The SI-24 will now be displayed as the connected device.
6. Press the HOME button to exit and return to the main display screen.

The SI-24 will now function as an expander for the VS-2400CD. The 8 analog XLR or 1/4" inputs can be routed to any track, via R-Bus inputs 9-16 in the Easy Routing screen. The SI-24 faders, buttons, and knobs can now control functions such as channel select, volume, pan, EQ, channel link, and status of the channels in the VS-2400CD.

Now that the SI-24 and the VS-2400CD are connected and configured, let's go through the different mixer modes. The buttons in the CH ASSIGN section of the SI-24 correspond with the buttons in the FADER section of the VS-2400CD.

### **INPUT / INST:**

The INPUT / INST. mode on the SI-24 corresponds with the AUX 1-8, FX 1-4 FADER mode of the VS-2400CD.

1. Press the INPUT / INST. button in the CH ASSIGN section of the SI-24.
  - Faders 1-8 on the SI-24 now control the AUX 1-8 Master Faders of the VS-2400CD.
  - Faders 9-12 on the SI-24 control the FX 1-4 Master Return Faders 9-12 of the VS-2400CD.
  - Pressing the CH SELECT buttons 9-12 on the SI-24 will display the Channel View screens for the FX 1-4 Returns on the VS-2400CD.
  - Pan Knobs 9-12 on the SI-24 control the stereo Pan position for the FX 1-4 Returns of the VS-2400CD.
2. Press the EQ / SEND button on the SI-24, so it is lit.
  - Pan Knobs 9-12 on the SI-24 will now control the AUX 1-4 Master Send levels of the VS-2400CD.

### **OUTPUT:**

The OUTPUT mode on the SI-24 corresponds with the IN 1-12 FADER mode of the VS-2400CD.

1. Press the OUTPUT button in the CH ASSIGN section of the SI-24.
  - Faders 1-12 on the SI-24 now control the Input Faders IN 1-12 of the VS-2400CD.

- Pressing the CH SELECT buttons 1-12 on the SI-24 will display the Channel View screens for Input Channels IN 1-12 on the VS-2400CD.
  - Pan Knobs 1-12 on the SI-24 control the stereo Pan position for Input Channels IN 1-12 of the VS-2400CD.
2. Press the EQ #1 button on the SI-24 so it is lit, to turn the EQ On.
    - Pan Knobs 1-8 on the SI-24 will now control the Low, Low-Mid, Hi-Mid, High EQ Gain and Frequency parameters of the selected channel on the VS-2400CD.  
*Note: (There is no EQ or Dynamics available for Input Channels 9-12)*
3. Press the EQ / SEND button on the SI-24, so it is lit.
    - Pan Knobs 9-12 on the SI-24 now control the Aux Send levels for AUX 1-4 of the VS-2400CD.

### **BUS:**

The BUS mode on the SI-24 corresponds with the IN 13-16 FADER mode of the VS-2400CD.

1. Press the BUS button in the CH ASSIGN section of the SI-24.
  - Faders 13-16 on the SI-24 now control the Input Faders IN 13-16 of the VS-2400CD.
  - Pressing the CH SELECT buttons 13-16 on the SI-24 will display the Channel View screens for Input Channels IN 13-16 on the VS-2400CD.
  - Pan Knobs 13-16 on the SI-24 control the stereo Pan position for Input Channels IN 13-16 of the VS-2400CD.
2. Press the EQ / SEND button on the SI-24, so it is lit.
  - *Note: (There is no EQ or Dynamics available for Input Channels 13-16)*
  - Pan Knobs 9-12 on the SI-24 will now control the Aux Send levels for AUX 1-4 of the VS-2400CD.

### **Tr 1-12:**

The Tr 1-12 mode on the SI-24 corresponds with the Tr 1-12 FADER mode of the VS-2400CD.

1. Press the Tr 1-12 button in the CH ASSIGN section of the SI-24.
  - Faders 1-12 on the SI-24 now control the Track Faders Tr 1-12 of the VS-2400CD.
  - Pressing the CH SELECT buttons 1-12 on the SI-24 will display the Channel View screens for recording tracks Tr 1-12 on the VS-2400CD.
  - Pan Knobs 1-12 on the SI-24 control the stereo Pan position for recording tracks Tr 1-12 of the VS-2400CD.
2. Press the EQ #1 button on the SI-24 so it is lit, to turn the EQ On.
  - Pan Knobs 1-8 on the SI-24 will now control the Low, Low-Mid, Hi-Mid, High EQ Gain and Frequency parameters of the selected channel on the VS-2400CD.
3. Press the EQ / SEND button on the SI-24, so it is lit.
  - Pan Knobs 9-12 on the SI-24 now control the Aux Send levels for AUX 1-4 of the VS-2400CD.
  - STATUS buttons 1-12 on the SI-24 control the Record / Playback Status of the TRACK / STATUS buttons 1-12 of the VS-2400CD.

### **Tr 13-24:**

The Tr 13-24 mode on the SI-24 corresponds with the Tr 13-24 mode of the VS-2400CD.

1. Press the Tr 13-24 button in the CH ASSIGN section of the SI-24.
  - Faders 13-24 on the SI-24 now control the Track Faders Tr 13-24 of the VS-2400CD.

- Pressing the CH SELECT buttons 13-24 on the SI-24 will display the Channel View screens for recording tracks Tr 13-24 on the VS-2400CD.
  - Pan Knobs 13-24 on the SI-24 control the stereo Pan position for recording tracks Tr 13-24 of the VS-2400CD.
2. Press the EQ #1 button on the SI-24 so it is lit, to turn the EQ On.
    - Pan Knobs 1-8 on the SI-24 will now control the Low, Low-Mid, Hi-Mid, High EQ Gain and Frequency parameters of the selected channel on the VS-2400CD.
  3. Press the EQ / SEND button on the SI-24, so it is lit.
    - Pan Knobs 9-12 on the SI-24 now control the Aux Send levels for AUX 1-4 of the VS-2400CD.
    - STATUS buttons 13-24 on the SI-24 control the Record / Playback Status of the TRACK / STATUS buttons 13-24 of the VS-2400CD.

The buttons in the STATUS MODE section of the SI-24 allow remote access to the AUTOMIX, SOLO and MUTE modes of the VS-2400CD.

### AUTOMIX:

You can Automate Channel parameters like level, pan, EQ, mute and effects from the SI-24, just like you can from the VS-2400CD itself, by putting the SI-24 in Automix mode. The group of Channels you are controlling depends on the Fader mode chosen in the CH ASSIGN section of the SI-24.

1. Press the AUTOMIX button in the STATUS MODE section of the SI-24, to turn Automix On.
2. Press the REC / PLAY button on the SI-24 to activate Automix Status Mode.
  - The STATUS buttons on the SI-24 now control the Automix Record / Playback Status of the channels on the VS-2400CD.

*Note: (You must engage Automix Record from the VS-2400CD, by either holding the AUTOMIX button and pressing Record, or by clicking on the Automix indicator on the VGA Monitor with the mouse.)*

### SOLO:

You can Solo any Channel on the VS-2400CD from the SI-24. Just like Automix mode, the group of Channels you are controlling depends on the Fader mode selected in the CH ASSIGN section of the SI-24.

1. Press the SOLO button in the STATUS MODE section of the SI-24 to turn Solo On.
2. Press the CH SELECT button on the SI-24 for the Channel you want to Solo. The button will light red.
3. To exit Solo mode, press the SOLO button on the SI-24 so it's light goes out.

### MUTE:

You can also Mute any Channel on the VS-2400CD from the SI-24. Just like Automix and Solo mode, the group of Channels you are controlling on the VS-2400CD depends on the Fader mode selected in the CH ASSIGN section of the SI-24.

1. Press the MUTE button in the STATUS MODE section of the SI-24 to turn Mute On.
2. Press the CH SELECT button on the SI-24 for the Channel you want to Mute. The button will light red.
3. To exit Mute mode, press the MUTE button on the SI-24 so it's light goes out.