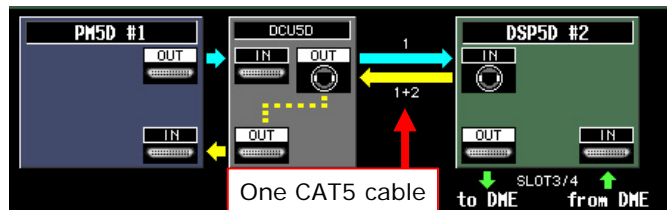


Quick setup guide for DSP5D and PM5D

Connect the cables

Connect cables as described on Page 223-224 of the PM5D/PM5D-RH, DSP5D Owner's Manual.

Note: The CAT5 cable gives bi-directional signal flow with one cable. For example, in the following illustration, one CAT5 cable is used for the connection between the DCU5D and the DSP5D, from the RJ-45 cascade out on the DCU5D to the RJ-45 cascade in on the DSP5D.



Power up the system (DSP5D → PM5D)

Power up the system. Please wait for the system to complete the boot sequence. (Turn on the DSP5D first.)

Note: When the system starts running, you may see a "Sync Error" message. This is because PM5D/PM5D-RH and DSP5D are both set to Internal word clock and the clocks are not synchronized. In the last step of this document, the word clock setting of the system will be corrected and the message will disappear.

Select Cascade type

Open the Cascade Type Select window from the Mixer Setup screen and select the cascade type that matches your system setup.

Note: The Cascade Type Select is available only when the PM5D (Machine #1) is selected to the current machine. If Machine #2 or #3 is selected, change the Machine ID to #1 for this step. (For details, refer to the PM5D/PM5D-RH, DSP5D Owner's Manual on Page 153.)



The Current Machine ID

Enable Cascade function

Click on the “Cascade Disabled” button to enable the Cascade function and communication between the products.

Note: Enabling Cascade is available only when the PM5D (Machine #1) is selected to the current machine. If Machine #2 or #3 is selected, change the Machine ID to #1 for this step. (For details, refer to the PM5D/PM5D-RH, DSP5D Owner’s Manual on Page 153.)



Select Word Clock source for DSP5D

Access the Word Clock screen by clicking on the WORD CLOCK tab. Change the current machine to the DSP5D #2 or #3 from within the Machine ID field in the lower part of the LCD display. Select “Cascade In (68-pin)” or “Cascade In (RJ-45)” for the word clock source for the DSP5D #2 and #3.

Click this side to decrease the Machine ID number  Click this side to increase the Machine ID number



Notes:

Word Clock for the PM5D/PM5D-RH and DSP5D system

When there is no external word clock generator, the PM5D/PM5D-RH is always the word clock master for the system and the DSP5D is always one of the word clock slaves. For that reason, select INT 96k/88.2k/48k/44.1k for the PM5D/PM5D-RH, and Cascade In (68-pin/RJ-45) for the DSP5D as the word clock sources.

Selecting Machine ID for the control surface

To select the Machine ID for the control surface, assigning “DSP5D Control” function “ID#1” to one User Defined Key and “ID#2” to another User Defined Key (and a third, if using two DSP5Ds) will make switching between machines quick and easy.

Different color schemes for the machines

In the Preference 2 screen, every machine may have a different color scheme assigned to it so that the machine being addressed by the control surface is clearly indicated.

This is highly recommended in order to insure that the control surface is actually addressing the unit you are intending to address.