A Few HOW TO to get you familiarize with DM1000 mixer

Before jump into any HOW TO, you need to:
Turn on DM1000

Turn on all speakers.
    If you are using machines at CCRMA stage:

Press SCENE which is located at DISPLAY ACCESS block

Press F1

Select CCRMA DEFAULT

Press RECALL, located on SCENE MEMORY block

Now you are good to begin!

HOW TO 1: Input microphone to mixer and output through speakers:
Connect microphone of your choice to channel 1.
If you want to unplug your microphone, you need to "push" and then unplug.

Press METER on the mixer.

Test microphone.
      Make sure the mixer gets signal.

      One thing to remember: The red peak signal is not on at all time no matter what you are doing.
      If you are using condensed microphone, remember to turn on +48V.
      Test gain by increase or decrease gain. This is a coarse adjustment. Finer adjustment need to be made by fader.
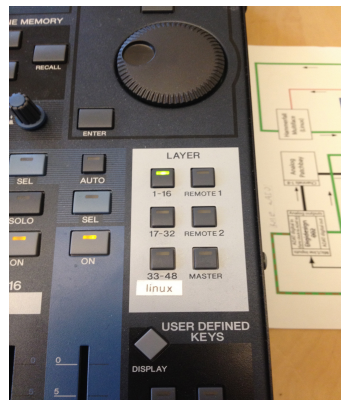   Press "20 db" to decrease gain by 20db. (20db is a lot)

Make sure mixer is on FADER
If FADER led is not on, press the button beside it to switch from AUX to FADER

Press 1-16 button at LAYER block of buttons.

Touch the 1st fader on mixer. It is touch sensitive. You should see green light on SEL button.

Press 1 on ROUTING block of button. 1 maps to first speaker, 2 maps to second speaker etc.

By doing this, you are connecting your microphone, to the 1st channel, to the 1st layer speaker, which you can then control using the mixer.
Slide the 1st fader up while speaking into microphone, just to make sure that sound is coming out from the 1st speaker.
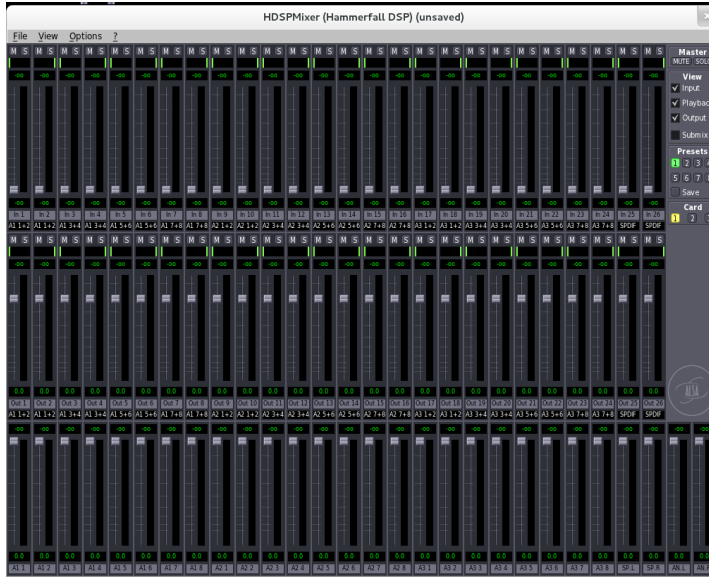
HOW TO: Connect mixer to the computer and output sound from computer to speakers?
First of all, you need to do all the steps at **HOW TO 1**.
Start JACK on your computer.
In terminal, start HDSPMixer. (Type "hdspmixer" hit enter.)
You should see:

Press DIRECT on ROUTING block.

      This step connects the channels on the mixer to HDSPMixer on your computer.
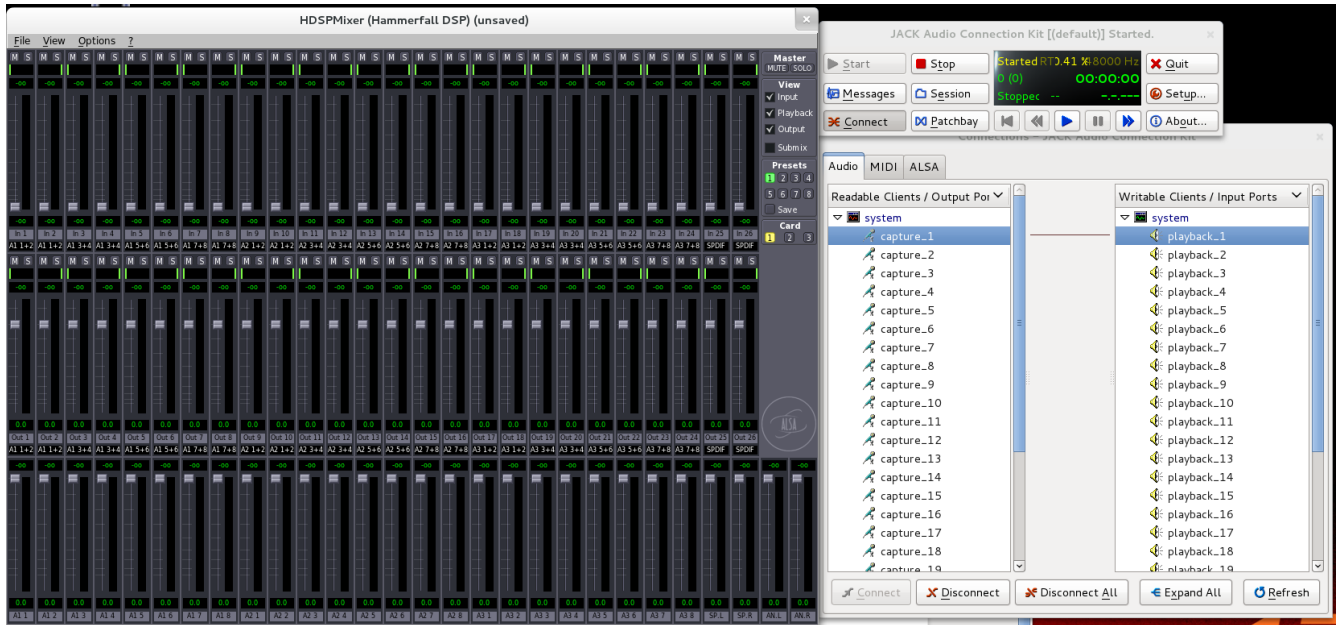
Go to Connect in JACK.
      Open drop down menu from system from Readable Clients and Writable Clients.
      Select capture_1 and playback_1. Your microphone is connected to channel 1 if you followed
      the instruction in HOW TO 1. If you are not using channel 1, then you need to select the
      channel that you are using.
      Hit Connect button.
      Test microphone. You should get signal both from the mixer and the HDSPMixer.

Note 1: Above steps allows you to input sound from microphone, and the sound go through DM1000 mixer that is connected to computer, and output sound to the speaker from the computer. Yes, you can think of the mixer as a huge sound card.

Note 2: You can also connect CHUCK to the playbacks. CHUCK can manage multiple channels at once, so when connecting, make sure you are connecting to the playback/ output channel that you wanted.