Install Arduino IDE

https://www.arduino.cc

Click on Software

Under Download the Arduino IDE

Click on version for your platform (Windwos, Mac, Linux)

Download and follow the install instructions.

You should now have a short cut to the Arduino IDE on your desktop.

Reboot windows to install drivers

Download sketch:

https://www.dropbox.com/s/an9q8mshrzokq3r/SSPA.zip?dl=0

Extract the zip file

Open Sketch with Arduino IDE

Start Arduino IDE.

Open Sketch:

File → Open and navigate to the directory created where the zip file was extracted and select Select the SSPA_V08_1.01 directory and then select the SSPA_V08_1.01 file and click on Open

Add LCD display library:

Sketch → Include Library → Add .ZIP Library …
Navigate to the directory where the zip file was extracted and select the LiquidCrystal440 zip file and click on Open.

Note that this version has been modified to work with the latest IDE.

Setup board to compile for:

Tools → Board → Arduino Nano

Verify the sketch will compile:

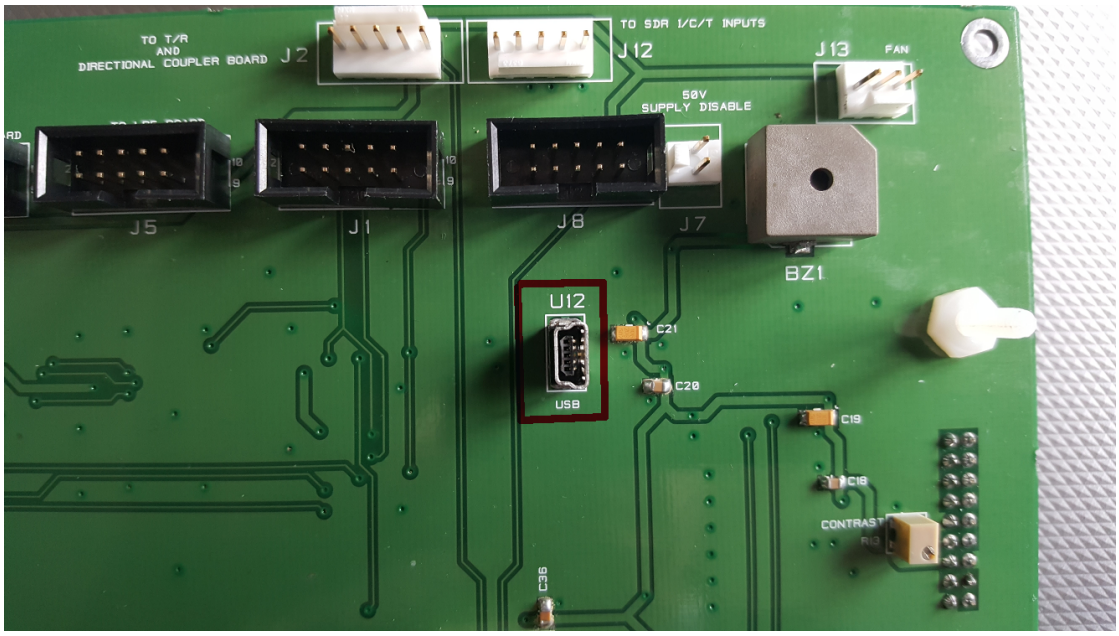
Sketch → Verify/Compile

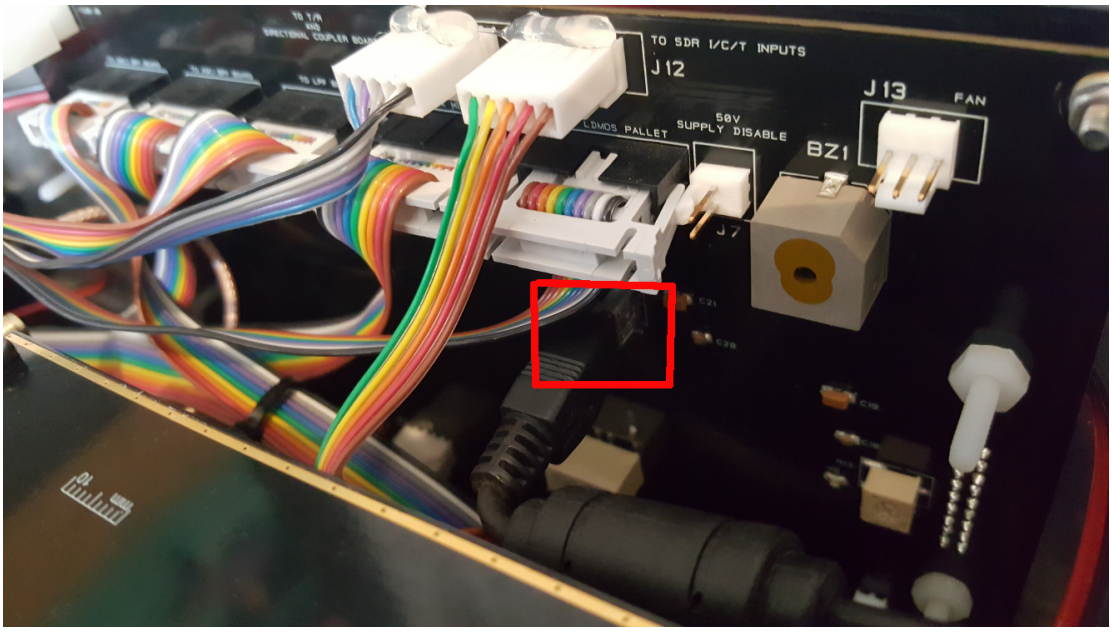
Upload Sketch to 8000DLE

Remove power from the 8000DLE.

Remove the top cover of the 8000DLE by removeing the 3 screws from each side and the 2 screws from the back.

Connect a USB Mini-B cable to the U12 socket on the back of the Display board and connect the other end to the computer. Note that the controller board will light up and become active using the power form the USB cable.





Start the Arduino IDE and load the sketch (see above).

Select the port that the USB cable is connected to using Tools → Port on the Arduino IDE.

Upload the Sketch using Sketch → Upload on the Arduino IDE.

Once loaded the controller board will reset and restart using the new code.

Remove the USB cable.

Replace the cover.

Power on the 8000DLE.