



# The LCD Controller is Not Displaying

## Correctly

If you are having problems with the display, let's first confirm that the cables are installed correctly.

FOR LCD CONTROLLERS with a WHITE PCB:

When looking at the RAMBO board in the machine the red stripe for the ribbon cables (when attached to the LCD adapter, which is attached to the board) should be on the RIGHT hand side for both cables. Please Confirm.

The B ribbon cable should be attached to the bottom of the LCD Adapter - and on the LCD panel it is closest to the SD card reader

The A ribbon cable should be attached to the top of the LCD Adapter - and on the LCD panel it is furthest from the SD card reader

FOR LCD CONTROLLERS with a BLUE or RED PCB:

When looking at the RAMBO board in the machine the red stripe for the ribbon cables (when attached to the LCD adapter, which is attached to the board) should be on the LEFT hand side for both cables. Please Confirm.

The B ribbon cable should be attached to the bottom of the LCD Adapter - and on the LCD panel it is closest to the SD card reader

The A ribbon cable should be attached to the top of the LCD Adapter - and on the LCD panel it is furthest from the SD card reader

Further, for LCD controllers that are still not operating correctly, the next step is to turn the power off, disconnect the ribbon cables from the LCD controller and the adapter board, and remove the adapter board. Then put this all back together and turn the machine back on. What we are accomplishing here is to ensure that there are no loose / shaky connections.