

LCD Troubleshoot

Q1. Nothing displayed on LCD.

(A2) First check if the LCD is properly fit and aligned with the 16 pin header connector. Then check the LCD brightness control; it must be set at optimum brightness.

Q2. LCD sample programs not working.

(A2) The LCD is a 5V LCD and Qu-Bot battery gives max. 4.2V and on discharge it gives 3.6V. If the battery is not fully charged, you will not be able to see display on LCD. For testing you can try removing battery connector and run Qu-Bot on USB power. The LCD should work properly.

Q3. My LCD program is not working.

(A3) Check if you have initialized LCD in the “Start” block. Check Q1 and Q2 to figure out the solution. If it still does not work, either LCD is not working or some lines must have been short while handling or using the Bot (if by touching your hands on solder side or put it on conducting surface or by wrong connection made while fitting it to the Header pins).