



EB-005-00-1 LCD Board Document

Contents of package

1. LCD Board EB-005-00-1
2. Document "LCD Board Document"
3. Document "Warranty"

Summary – LCD Board Description

This is an LCD Display designed for E-blocks. It is a 16 character, 2-line alphanumeric LCD display connected to a single 9-way D-type connector. This allows the device to be connected to most E-Block I/O ports.

The LCD display requires data in a serial format, which is detailed in the user guide below. The display also requires a 5V power supply. Please take care not to exceed 5V, as this will cause damage to the device. The 5V is best generated from the E-blocks Multiprogrammer or a 5V fixed regulated power supply.

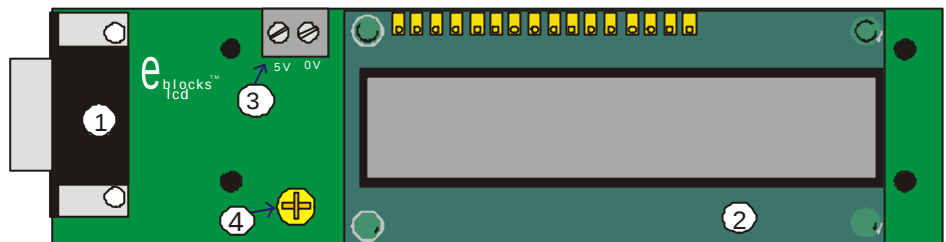
The potentiometer RV1 is a contrast control that should be used to adjust the contrast of the display for the environment it is being used in.

Features

- E-blocks compatible
- Low cost
- Compatible with most I/O ports in the E-Block range (requires 5 I/O lines via 9 way D-type connector)
- Ease to develop programming code using Flowcode icons.

LCD Board Layout

1. D-type Plug
2. LCD display
3. 9 Screw terminal
4. Contrast Control



Where to find more information

On the ELSAM 1.4 CD, which is provided with all 'upstream' devices (i.e. Multiprogrammer), is the relevant information for the product. It is in the E-Blocks directory, which includes the following documents: -

- o Installation guide.doc
- o Getting started with E-Blocks.pdf
- o LCD Board folder – which contains datasheet and test program

For full up-to-date datasheets, documentation, F.A.Q.s and software updates please visit

www.matrixmultimedia.com/eblocks

Using the following user name and password

User name: eblocks

Password: halifax

You will now have access to up-to-date information that you require.