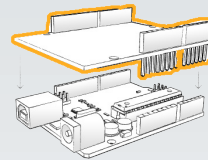


## 2x16 LCD Shield



- Type: Shield
- Application: Drop In Shield  
Output text and numbers directly from your Duinotech.
- Dimensions: 80(L) x 58(W) x 20(H)mm

### Specifications

	2x16 LCD Shield
LCD Protocol	4 bit library(HD44780)
LCD Size	16 Columns x 2 Rows
Operating Voltage	5VDC
PushButton Protocol	Analog
Dimensions	80(L) x 58(W) x 20(H)
Additional Features	Backlight

### Pinout

Shield/Duinotech	Function
D9	E
D8	RS
D7	DB7
D6	DB6
D5	DB5
D4	DB4
A0	Buttons

### 2x16 LCD Shield Overview:

Comes with a built-in 16 character by 2 line LCD display with adjustable backlight, this six push button keypad allows you to create a user friendly interface for your project. The keypad consists of up, down, left, right, select and also a reset button. Perfect to use as a selection menu.

Buttons are connected to Pin A0 through a resistor network, use `analogueRead(A0)` to find the values.

Solder terminals on the digital side map to unused digital pins. In order from left to right: D13, D12, D11, D3, D2, D1, D0

### Did you know:

To initialise the shield for use with the Liquid Crystal Library use the Liquid Crystal LCD (8,9,4,5,6,7);