

# PhidgetTextLCD Adapter



**Note:** The 1204\_0B is identical to the 1204\_0, except that you have the option of whether you want to include the USB cable.

The PhidgetTextLCD Adapter lets you connect one or two HD44780 LCD modules. The adapter can handle up to 4 lines of 40 characters, depending on the LCD module you are using. You can separately adjust the backlight and the character contrast of each LCD module.

The 1204 API supports the following screen sizes (lines x characters):

- 1×8, 2×8
- 1×16, 2×16 4×16
- 2×20, 4×20
- 2×24
- 1×40, 2×40, 4×40

**Comes Packaged with**

- A hardware mounting kit

**Product Specifications**

**Electrical Properties**

Current Consumption Max	500 mA
Current Consumption Min	34 mA
Current Consumption Max (1×8 or 2×8 screen)	200 mA
Current Consumption Max (2×20 or 2×24 screen)	76.5 mA
Current Consumption Max (4×40 screen)	181 mA
Current Consumption Max (Backlight)	400 mA
Available External Voltage	5 V DC
USB Speed	Full Speed

**Board**

Controlled By	USB (Mini-USB)
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**Physical Properties**

Operating Temperature Min	0 B°C
Operating Temperature Max	70 B°C