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Red LED Dot Matrix Display Panel 32x16 (512 LEDs)

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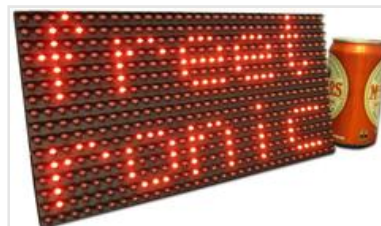
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\$29.00

A huge dot matrix LED panel to connect to your Freetronics Eleven, EtherTen and more! This large, bright 512 LED matrix panel has on-board controller circuitry designed to make it easy to use straight from your board. Clocks, status displays, graphics readouts and all kinds of impressive display projects are easy to create using this display.

The photos don't do this display justice: it's stunningly bright, so put on your sunglasses before you fire it up!

To make it really easy to get started we include a breakout board and ribbon cable along with the display module, so you can plug it straight in to an Arduino-compatible board and start playing with it right away.



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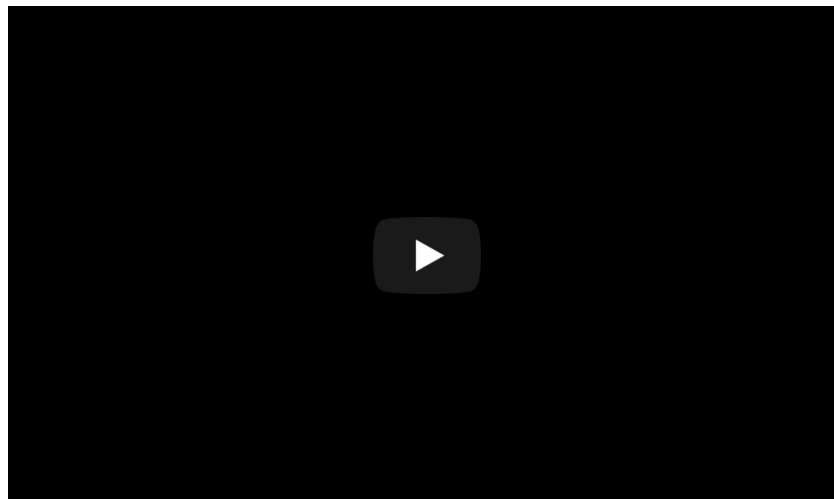
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Features:

- 32 x 16 high brightness Red LEDs (512 LEDs total) on a 10mm pitch
- 5V operation
- Viewable over 12 metres away
- Tough plastic frame
- Controller ICs on board, simple clocked data interface
- Arduino compatible library, graphics functions and example support
- Dimensions: 320(W) x 160(H) x 14(D)mm (30mm(D) including rear connectors)

Available here now or at a [Freetronics reseller \(http://www.freetronics.com/resellers\)](http://www.freetronics.com/resellers) near you in [red \(/dmdred\)](#), [blue \(/dmdblue\)](#), [white \(/dmdwhite\)](#), [yellow \(/dmdyellow\)](#), and [green \(/dmdgreen\)](#).

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Resources

- **Dot Matrix Display Quickstart Guide**
(http://cdn.shopify.com/s/files/1/0045/8932/files/DMD_Getting_Started.pdf?100647) (1MB PDF)
- **Using your Dot Matrix Display** (<http://www.freetronics.com/pages/using-your-freetronics-dmd>)
- **Dot Matrix Display Driver library (software, example and demo program, install notes) on github**
Note the [ZIP] button on github allows you to download the whole library package as a zip file
(<https://github.com/freetronics/DMD>)
- **Daisy-chaining multiple displays** (<http://www.adebenham.com/2012/02/freetronics-dmd-games/>)
- **Discuss in the forum** (<http://forum.freetronics.com/dmd>)
- **DMDCON DMD Connector board Schematic (PDF)**
(http://cdn.shopify.com/s/files/1/0045/8932/files/DMDCON_DMDConnector.pdf?100730)
- **Making a laser-cut desk stand for the DMD** (<http://www.instructables.com/id/Stand-for-Freetronics-Dot-Matrix-Display/?ALLSTEPS>)

SKU:

- DMDRED (0)

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project 25 module

mario on Feb 04, 2017

hi , With, arduino mega, how many modules can I control ?
my project is 25 modules.

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Good for outdoors

Ben on May 13, 2016

I've trialed these displays for an outdoors application (in a suitable weather proof enclosure). They can be clearly seen in direct sunlight, across the other side of a Hockey turf (using a 5V 40A supply).

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