Specification        Issue 1         3/4/2012

# PC SOFTWARE APPLICATION NOTE FOR MCCMDB-xxxx RANGE OF BOARDS

| Date | Description of change |
|------|----------------------|
| 3/4/12 | Initial creation |
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This software application is intended for evaluation of the MCCMDB range of USB display driver boards connected to either an LCD or OLED display.
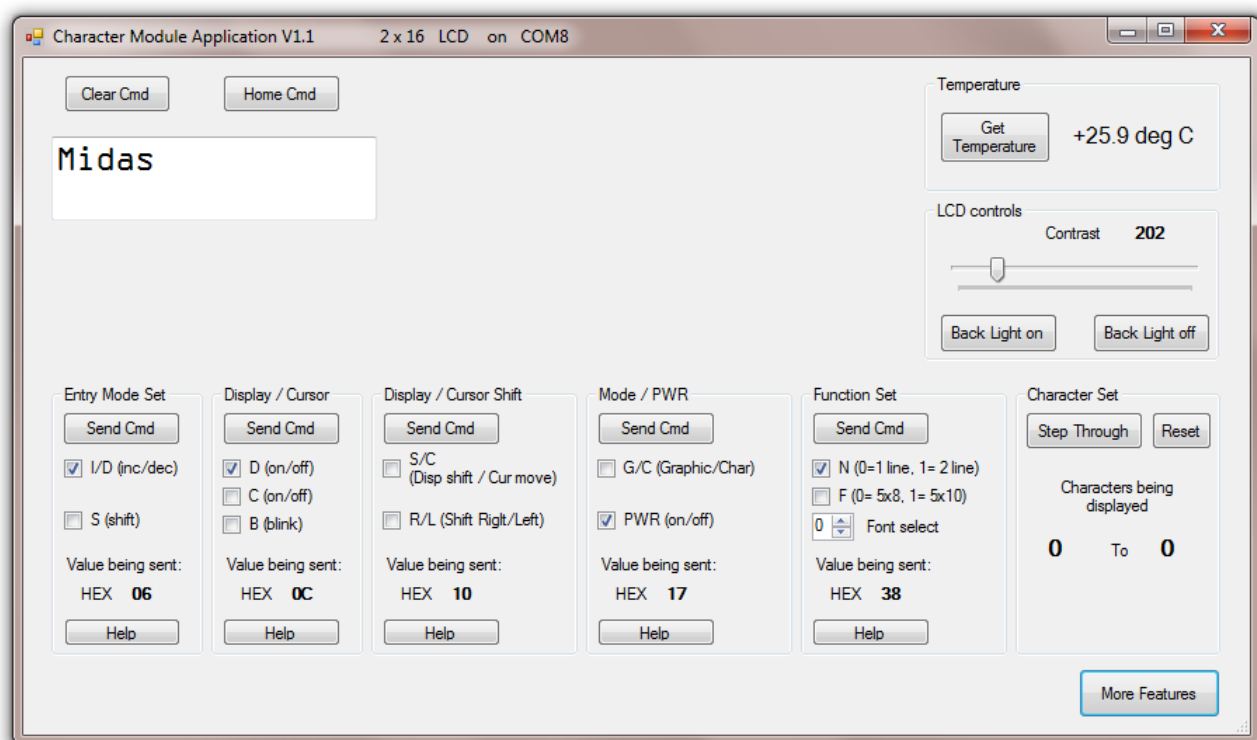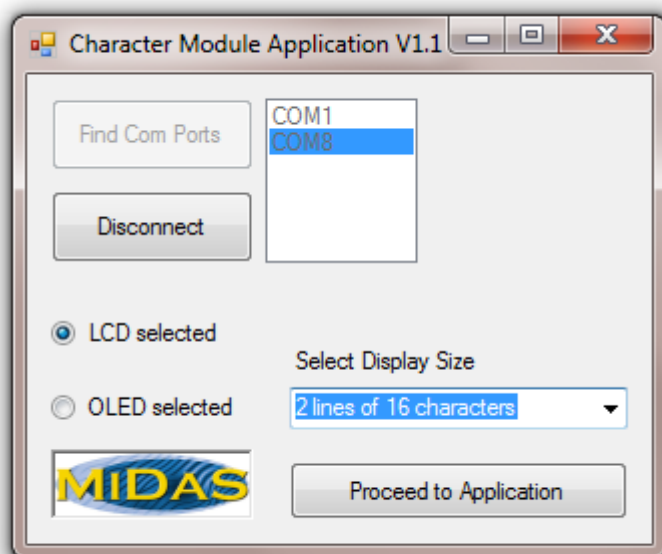
# Installing the application software.

1) Run the installation software by double clicking the Character Module install.msi file. This can be found on the CD provided with your MCCMDB board. Or downloaded from the Midas web site.

You will be presented with a series of windows to take you through the installation process:
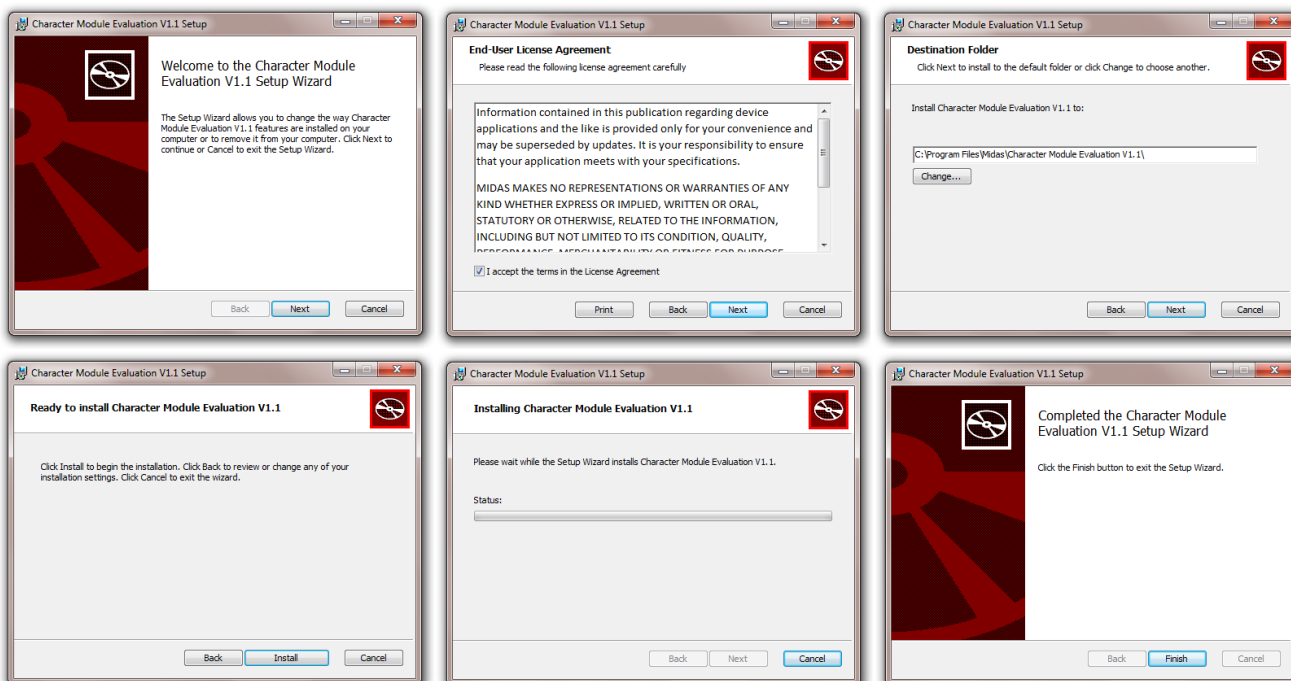
The application and driver files will be installed to your C: drive (assuming you selected the default in installation) C:\Program Files\Midas\Character Module Evaluation V1.1\

Address: Midas Components Ltd, Electra House, 32 Southtown Road, Great Yarmouth, Norfolk, England, NR31 ODU
Email:sales@midascomponents.co.uk
Website:www.midascomponents.co.uk
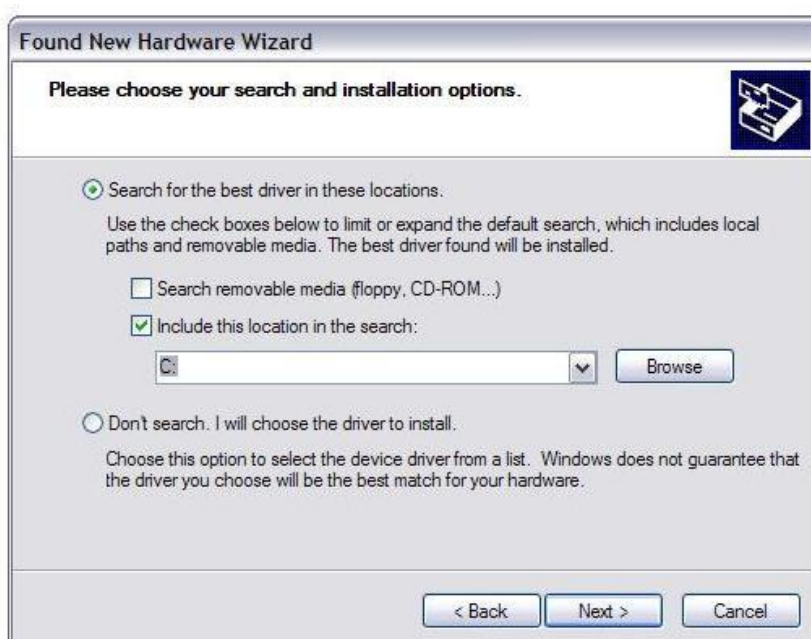Tel:+44(0)1493 602602
Fax:+44(0)1493 665111

## Installing the Driver.

2) Before running the application the driver for the MCCMDB board will need to be installed.

Upon plugging in the MCCMDB board for the first time your PC should indicate that it has found new hardware and present you with a window similar to the image below. ( This may vary depending on which Windows operating system you are running )



Select "Install from a list or specific location (Advanced)" and click next.



Click on the browse button.

Address: Midas Components Ltd, Electra House, 32 Southtown Road, Great Yarmouth, Norfolk, England, NR31 ODU
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Website:www.midascomponents.co.uk
Tel:+44(0)1493 602602
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Navigate to the following directory and click OK.

C:\Program Files\Midas\Character Module Evaluation V1.1\



Click next to install the driver.

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Once the driver is installed the following window will be displayed.



Click finish to complete the process.

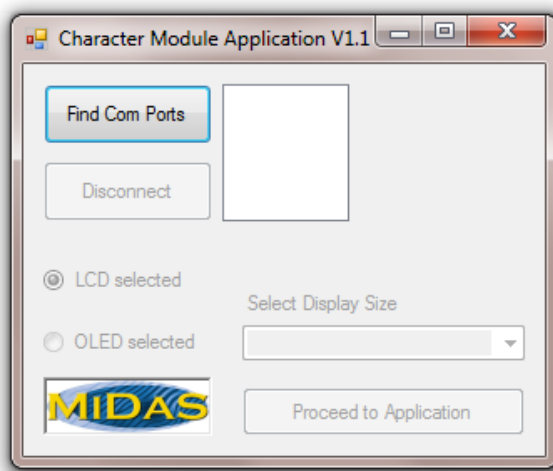The MCCMDB board should now be recognised by your PCs USB port.
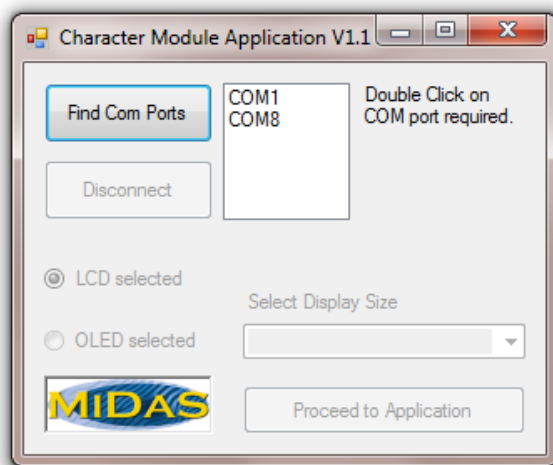
# Running the Application.

3) Plug your MCCMDB board into a USB port on your PC.
Double click on the application executable:

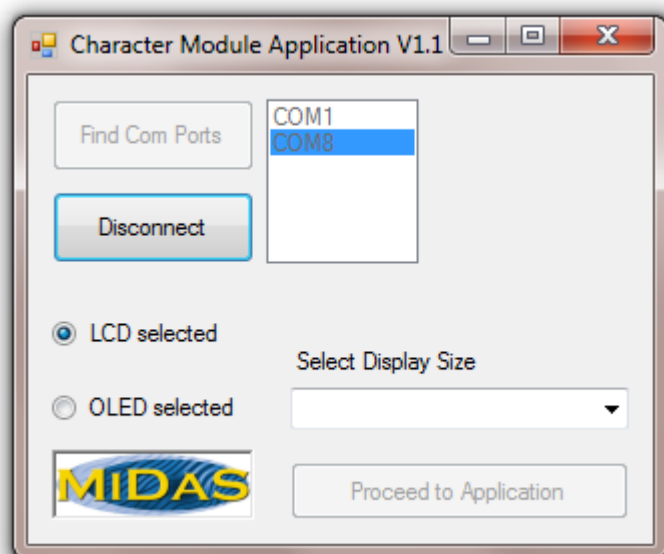C:\Program Files\Midas\Character Module Evaluation V1.1\ Character module evaluation V1_1.exe

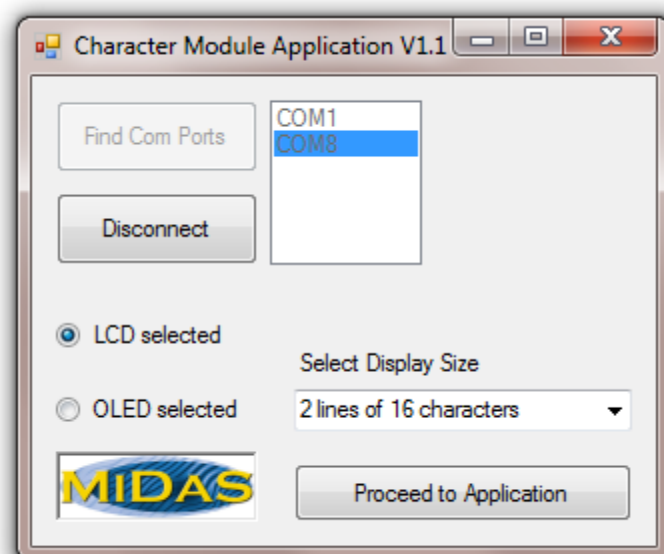You will be presented with the following screen:



Click on the Find Com Ports button and the available com ports should appear.



If you are not sure which com port the MCCMDB board is connected to try unplugging the board, click the Find Com Ports button and one selection should disappear. Plug the board back in and click the Find Com Ports button again and the MCCMDBs Com Port should re-appear.

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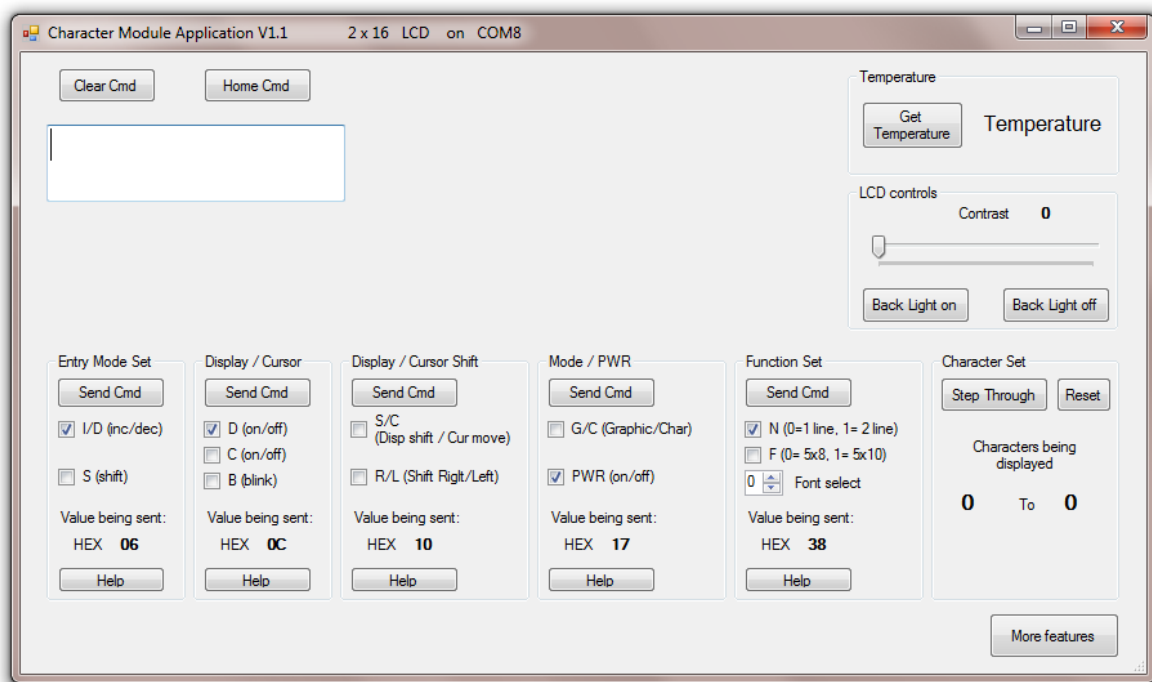Tel:+44(0)1493 602602
Fax:+44(0)1493 665111

Double click the MCCMDBs com port to start the display selection process.



Select the type and size of display and click Proceed to Application.

You will now be able to type characters into the window and see them appear on the screen. If you are driving an LCD you may need to adjust the contrast slider to make the characters visible on the display.
You are now free to explore the character set and various functions of the display controller. Please refer to the MCCMDB specification MCCMDB-xxxxx full spec.pdf  for  further details of the serial protocol being used.
Please refer to the relevant display specification for a description of the functions available.

Notes:

Information contained in this publication regarding device applications and the like is provided only for your convenience and may be superseded by updates. It is your responsibility to ensure that your application meets with your specifications.
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