

# DMXdeCoder

Version 1.0 24 September 2006

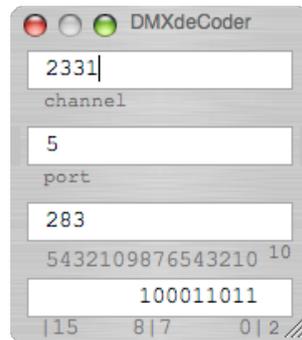
## Summary

DMXdeCoder is a special purpose calculator widget for use with DMX512 installations. It converts between full channel numbers and the corresponding port and DMX channel numbers.

## Description

The DMXdeCoder widget provides a simple means of converting between between full channel numbers and the corresponding port and DMX channel numbers.

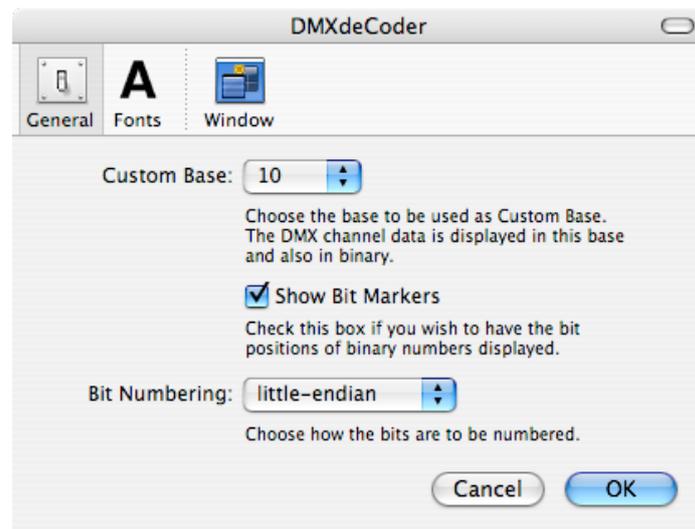
The widget provides four text boxes.



A (full) channel number can be entered into the uppermost box. The widget computes the corresponding port and DMX channel and displays these in the lower boxes. The DMX channel number is displayed in binary as well as in a chosen custom base (in this case set to 10).

Inverse calculations can be performed by entering data in the lower boxes.

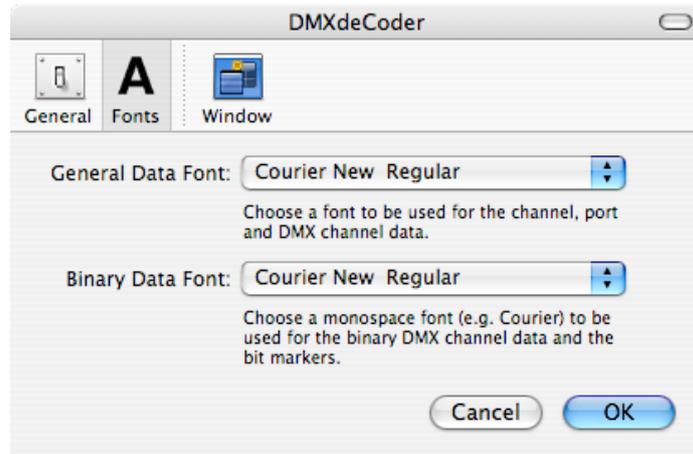
## Preferences



The custom base/radix can be set to be binary, octal, decimal or hexadecimal.

There is also a preference to display bit markers. The bit markers can be displayed in either little-endian or big-endian form. N.B. This is a display option only - it does not relate in any way to the byte-ordering of the underlying hardware.

Finally, there are options to set the fonts of the data fields. The Binary Data Font should be a monospace font, i.e. each character must have the same width.



### Credits

License window graphics by Ricky Romero.

### Widget Design and Coding

This program and associated documentation is Copyright 2004-2006 Harry Whitfield.  
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