

## **dmxusbpro version 1.4**

Max5 (Windows and Mac OS X)

by Olaf Matthes

By using this software you are agreeing to the software license at the end of this document.

This software is copyright © 2005-2009 by Olaf Matthes. All rights reserved. You may make copies of the Software for your own use in accordance with the installation instructions in the accompanying documentation. You may make backup copies of the Software as long as they contain the entirety of the Software, including this license agreement, any other copyright notices distributed with the software, and the documentation.

## **System Requirements & Installation:**

This software is for use with Max5. The Windows version requires the Virtual-COM-Port (VCP) Driver and not the FTD2XX driver!

To use the object you need a driver to be installed for the DMX USB Pro Interface (<http://ftdichip.com/Drivers/VCP.htm>). The drivers are not included in this distribution. Please refer to the corresponding driver readme files for further information on driver installation! Without an installed driver the *dmxusbpro* object will not work!

Copy the object (*dmxusbpro.mxe* from the build-win directory or *dmxusbpro* from the build-mac directory) into the externals folder of your Max distribution (under 'Common Files' on Windows). Copy the help patch (*dmxusbpro.help*) into the max-help folder of your Max distribution.

## **Usage:**

*dmxusbpro* is used to send or receive DMX512 data using the DMX USB Pro Interface from ENTTEC. The desired refresh rate and DMX StartCode can be set and up to 512 DMX channels (aka 'slots') can be controlled.

Detailed information how to use this external can be found in the help patch or the manual.

The *dmxusbpro* web page, from which these objects may be downloaded, is located at:

<http://www.nullmedium.de/dev/dmxusbpro/>

Please e-mail any bug reports or suggestions to Olaf Matthes ([olaf.matthes@gmx.de](mailto:olaf.matthes@gmx.de)).

Detailed information about the DMX USB Pro Interface is available from the ENTTEC website at [http://www.enttec.com/dmxusb\\_pro.php](http://www.enttec.com/dmxusb_pro.php).

Enjoy!

**License:**

The Software is provided by Olaf Matthes (the Author) to you, a single user, for a license fee. This license gives you the royalty-free right to use components (external objects and patchers) of the Software in your own ORIGINAL WORKS (including but not limited to Max patchers, collectives, and stand-alone applications). You have the non-exclusive right to use, distribute, and license such ORIGINAL WORKS to third parties without payment of any further license fees, so long as your terms of use for your ORIGINAL WORKS are sufficient to protect the copyright and license of the Software.

YOU MAY NOT SELL OR LEASE THE SOFTWARE, NOR MAY YOU TAKE A FEE OR COMMISSION FOR PROVIDING THE SOFTWARE TO ANOTHER PERSON, NOR MAY YOU INCLUDE THE SOFTWARE WITH OTHER SOFTWARE THAT IS SOLD FOR A FEE WITHOUT PRIOR WRITTEN PERMISSION FROM THE AUTHOR.

**No Warranty:**

THE SOFTWARE IS PROVIDED "AS IS" AND WITHOUT WARRANTY OF ANY KIND.

The Author expressly disclaims all warranties, express or implied. No oral or written information or advice given by the Author shall create a warranty or in any way increase the scope of this warranty.

UNDER NO CIRCUMSTANCES, INCLUDING NEGLIGENCE, SHALL THE AUTHOR BE LIABLE FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES THAT RESULT FROM THE USE OR INABILITY TO USE THE SOFTWARE, EVEN IF THE AUTHOR HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.