

## LabJack U12 User's Guide Revision History

### V1.00 released 9/21/2001

#### V1.01 released 11/16/2001

- Section 1.1* – Added text about the possible need for the Windows installation CD.
- Section 1.2* – Modified to suggest using LJtest to confirm successful installation.
- Section 4.1* – Added \*statelO to the outputs section.
- Section 4.2* – Specified the number of bytes returned by ActiveX strings.
- Section 4.3* – Variable statelOin was shown as a pointer in “Parameter Description” but it is not. Replaced reserved2 parameter with readCount.
- Section 4.4* – Specified the number of bytes returned by ActiveX strings.
- Section 4.9* – Added enableSTB parameter.
- Section 4.22* – Changed transferMode description.
- Section 4.24* – New section with errorcode descriptions.
- Appendix A, +5V* – Minimum Vs changed to 4.5 and 4.1 volts.
- Appendix A, CNT* – Added “Schmitt Trigger Hysteresis” specification.
- Appendix A, AI* – Added “Trigger Latency” specification for burst mode.

#### V1.02 released 1/27/2002

- Section 4.6* – Added description of ActiveX function difference.
- Appendix A, AI* – Added “User Cable Length” limit for CE compliance.
- Section 2.5* – Added note about reading counter in stream mode.
- Section 3* – Added information about all 7 example applications.
- Section 4.17* – Added description of new function NoThread.
- Section 4.20* – Added “short IO0 to STB” to disable watchdog.
- Section 4* – Calling convention now WINAPI for all functions (removed \_\_cdecl).

#### V1.03 released 6/17/2002

- Section 2.1* – Added paragraph about the PGA.
- Sections 2.2 and 2.6* – Added information about protecting AO and CAL from overvoltage and ESD transients.
- Section 4* – Added information about the 5 new E-functions.

#### V1.04 released 11/5/2002

- Section 2.3* – Added clarification about the burst and stream IO scan rates.
- Section 4.3* – Fixed a couple typos in ECount declaration.
- Section 4.16* – Added ActiveX declaration for GetDriverVersion.
- Appendix A* – Specs clarified/added in “Analog Inputs” and “CNT”.

#### V1.05 released 3/26/2003

- All* – Added page numbers.
- Section 4.7 and 4.9* – Added note about emptying strings after ActiveX call.
- Section 4* – Added documentation about new firmware functions (Asynch, PulseOut, SHT1X and Synch).
- Appendix A, AI* – Corrected absolute accuracy spec, which was flipped from SE to DIFF.

#### V1.06 released 3/26/2003

- Section 4.7* – Firmware only allows trigger on IO0 or IO1.

V1.07 released 9/8/2003

*Section 2.1* – Changes to the last couple paragraphs in “software” subsection.

*Section 2.2* – Various changes.

*Section 2.3* – Change to paragraph 3 of the “software” subsection.

*Section 2.5* – Changes to main paragraph.

*Section 2.6* – Various changes.

*Section 2.7* – Added paragraph.

*Section 2.9* – New Section.

*Section 3* – Added Sections 3.8 and 3.9.

*Section 4.7* – Added information about execution time. Changed transferMode description.

*Appendix A, AI* – Changed max CAL Current.

*Appendix A, AO* – Changed max Output Current.

*Appendix A, IO/D/CNT* – Added new note #7 about 1 Mohm pull-downs.

V1.08 released 3/26/2003

*Section 2.2* – Various changes.

*Section 3.7* – Added information.

*Appendix A, AO* – Added source impedance spec and changed max Output Current.

V1.09 released 12/22/2004

*Section 2.3* – Changes to last paragraph in “software” subsection.

*Section 2.8* – Added information.

*Section 3.1* – Added information to first paragraph.

*Section 4.7* – Removed incorrect pointer notation from stateIOin description. Added sentence to timeout description.

*Section 4.9* – Added new second paragraph. Added info to IjScanBacklog description.

*Section 4.10* – Added new second paragraph.

*Section 4.17* – Added timing information.