APPENDIX 7: EEGLAB PLUG-IN

Instructions for the EEGLAB plug-in to import NeurOne file format data.

EEGLAB

EEGLAB is an open source EEG analysis software built on the Matlab platform. It can be downloaded from the developers website at http://sccn.ucsd.edu/eeglab/. Mega Electronics does not take responsibility of the function of EEGLAB.

Installation

To install the EEGLAB plug-in, copy the plug-in folder *neuroneimport1.0.3.4* into your EEGLAB plug-ins folder. Restart Matlab, if it was running during the installation.

Usage

After installation, you can see a new menu item in the EEGLAB menu bar:

File → Import data → From a NeurOne file (.ses).

The NeurOne file format consists of a .ses file and a folder containing the measurement data. To open a NeurOne measurement with the plug-in, open the .ses-file in the window that opens from the menu item above.

Use Restrictions

This plug-in works only with the version of EEGLAB, which runs on top of a full Matlab installation. You cannot include this plug-in into a precompiled EEGLAB. You can however compile a version of EEGLAB, in which you can include this plug-in as well. For this you need a full Matlab installation and the Matlab Compiler. See instructions in the EEGLAB documentation.