

SigGen Solutions Revision History

All SigGen Solutions version numbers (except BrainWare) were synchronized to 3.0 with the release of the new versions that utilized the 32-bit drivers.

SigGen32

v3.0

Added repeated segment to segment dialog.

Added support for .wav files and wildcard naming of filenames.

Added .csv matrix variable.

Added combination variables of combination variables.

Added SGI modifiers.

Added new randomized variable.

v 3.0 Date: March 8, 1999

Fixed bug with improper calculation of combination variables of combination variables.

v3.0 Date: April 27, 1999

Fixed bug with calculation of alternating variables (they would not calculate properly if another variable followed them in the list)

v3.0 Date: May 5, 1999

Fixed bug that caused exception in referencing of alternating variables. (This bug would cause SigPlay to crash).

v3.01 July 9, 1999

Fixed bug that prevented signal being played from channels 3-8.

Made CSV file max of 2000 rows by 50 columns

v3.1 24 November, 1999

Added peripheral support for PM1, PI2, SS1. Note: Need updated versions of other software for compatibility.

v3.11 11 February, 2000

Added support for PA5 Programmable Attenuator.

SigCal32

v3.0

Added export of raw calibration data.

Now included with SigGen 32 installation.

v3.01 March 3, 1999

Added ability to export variable schedule files for use with new SigGen variable indexing feature.

Added support for testing frequencies from SigGen file, and saving calibration to a new SigGen file.

Added error checking for minimum and maximum frequencies that can be tested.

v3.02 April 23, 1999

Fixed bug in exporting raw calibration waveforms and spectra.

Fixed bug in buffer deallocation upon exiting program.

v3.03 May 20, 1999

Added ability to set DA3 slew rate.

Changed THD plot scale to 0.0-2.0%.

v3.04 September 7, 1999

Fixed bug where TG6 occasionally did not trigger properly

V3.05 November 22, 1999

Fixed bug in saving and loading files with different numbers of frequencies tested.

Fixed bug in plotting when used SigGen signal for frequencies with large ranges.

Added ability to use any A/D channel for calibration (e.g. can leave calibration mic connected to channel 2, and acquisition signal connected to channel 1)

BioSig32

v3.0 (actually listed as 1.3.32 in About box)

Added feature finding to autocursors.

Added .csv export of all worksheet data including waveforms.

Added support for DB4 bioamp.

v3.01 March 19, 1999

Fixed memory leak associated with viewing Averages in multiplot when acquiring data on more than two channels.

Removed Lock SigGen files button. Have to click on Reload SigGen signal to update and changes made to SigGen signals. When start BioSig and load .acf file, the SigGen files will be reloaded.

Added error checking that prevents multi-plot from disappearing.

v3.01 April 27, 1999

Fixed bug with BioSig freezing when End was pressed at end of continuously presented stimuli (e.g. at end of DPOAE stimuli).

v3.02 July 12, 1999

Greyed out variable buttons in Modify Schedule. Changes to variables should be made in SigGen.

Fixed bug in Export to ASCII from Load History Files dialog.

Fixed Worksheet Save As, dialog box filter.

v3.03 September 20, 1999

Fixed bug in loading selected record files (MAX records in one group is 2000).

Fixed bug where crashed when used 10 autocursors.

Added check that HS4 is on when using TDT BioAmp.

V3.04 November 1, 1999

Fixed bug that caused crash when loading .acf configuration files that included SigGen files that used normalization files.

V3.05 November 22, 1999

Fixed bug in exporting to .arf from Load History Files dialog.

v3.1 24 November, 1999

Added SigGen peripheral support for PM1, PI2, SS1.

v3.11 7 February, 2000

Fixed bug that would not automatically reload SigGen files by old .acf files (before v. 3.0). Now SigGen file automatically reloaded when .acf file loaded.

V3.12 26 April 2000

Fixed bug where would crash when ran calibration with normalization files. This bug was introduced in v3.11.

SigPlay32

v3.0 February 11, 1999

added pre-loading of signals to reduce delay between SGI's.

increased polling rate to rack

added calculator button to Repeat Rate in Trigger Setup

v3.01 May 5, 1999

Fixed bug for playing out of channel 2 alone

Added ability for all signals peripheral setups to be implemented (e.g. Signal 1 can control PA4-1, Signal 2 can control PA4-2).

v3.1 July 2, 1999

Added support for playing 8 channels

Added support for running two AP2 cards on 1 computer, so can control 16 speakers

Fixed bug with graying out of boxes in trigger dialog.

v3.2 24 November, 1999

Added SigGen peripheral support for PM1, PI2, SS1.

Fixed problem with PI2 icon not showing up in toolbar when module was in rack.

Added ability to turn off signal plot (will make it run faster when off)

Fixed bug in log file that was created in v3.0 (the first SGI was not saved and the times given were for the playing of the previous SGI).

v3.3 15 February, 2000

Fixed problem in External Trigger mode where TG6 would be externally triggered, but would not register that it had fired. This resulted in an occasional unwanted repeat of an SGI.

Changed plotting so that it would not interfere with signal presentation if screen resized.

Added system time in ms to log file, and fixed writing of first value to log file.

BrainWare32

v6.0

First Release of BrainWare

v6.1 February 1999

Uses new 32-bit Drivers.

Added Modules which let you load multiple SigGen files and DLLs.

Editing of SigGen variables directly from Stimulus Grid.

AutoSave feature added.

Support for Dynamic Data Exchange (DDE) added to allow filling of Stimulus grid externally.

New DLL functions for filling stimulus grid. Some functions renamed from previous versions.

v6.1.1 March 17, 1999

Optional setting to run D/A and A/D off same clock added to improve locking of stimulus to acquired data.

Linear interpolation algorithm added to determine spike times. In auditory experiments, this allows temporal resolutions up to 1 microsecond if the recording has a high signal to noise ratio.

v6.1.2 May 21, 1999

Fixed bug with using 10 SigGen variables.

PsychoSig32

v3.0 PsychoSig32 first release

v3.01 July 7, 1999

Fixed bug so PsychoSig32 would work with DA3 and PD1

Fixed problem of PsychoSig32 not stopping at end of set of SGIs.

v3.02 September 17, 1999

Fixed bug where DA sample rate not set (would use default of 20.0 us).

v3.03 September 29, 1999

Added support for SigGen CSV and new random variable types.

Fixed bug in SigGen Variable setup, where variables were reset after being changed.

v3.1 November 24, 1999

Added SigGen peripheral support for PM1, PI2, SS1.

V3.11 December 20, 1999

Fixed bug in loading SigGen files with CSV variables.

Fixed bug where Playing Preview did not work.

Fixed bug where interval button text was replaced with nothing when went into Setup|Intervals dialog box.