

## The Control Freak/SW1000XG quick set up guide.



Owners of the Kenton Electronics control Freak and Control Freak Studio edition will find that it offers enormous support for the SW1000Xg. Many ask though ‘ how do I get it all to work?’

The simple solution to this is to treat the control freak as you would an application package such as XGedit.

This brief guide will explain how to set up the control Freak when used in conjunction with Steinberg’s Cubase VST, although the principles apply to any piece of software

This info is from [www.xgfactory.com](http://www.xgfactory.com) : Please visit XGFACTORY.COM for more info on the SW1000XG.

Here is a 10-point guide for the SW1000XG and Cubase VST

1: Install the SW1000XG so that it appears with no errors, or conflicts with your windows system (control panel/system). In 99.99999% of all systems this will be the case anyway!

2: Connect your Kenton Control Freak to the midi in on your SW1000Xg, or the midi in on any card/interface attached to your PC, and make a note of which interface it is attached to.

3: Run up VST, set up your ASIO multimedia driver to wave profile the SW1000XG on all ports, and perform any sync tests. Make sure you have the number of tracks set to a sensible level (minimum should be 12 to take full advantage of the SW1000 wave ports)

4: When this passes, (if it doesn’t, then you may be running VST 3.6 or higher with earlier versions of the SW1000XG driver, if so get the latest SW1000XG driver from our downloads section and install it first! You will need to reboot for the new driver to take effect) then go to your ASIO control panel, and make

sure all SW1000XG audio ports are active (1-6) and also that the 2 input ports are active (1&2) - (You will not have them both active when recording however)

(Note: On slow machines using the 32bit Yamaha audio driver support in VST may reduce your PC to a crawl, this is due to the huge amount of data that VST is having to pass over)

5: Go to your master mixer, make sure that all of the SW1000XG output wave ports are active (green light on each).

6. With the Control Freak switched on, make sure that you can see the midi in LED flashing in Cubase when you move a slider or press a button on the control freak itself. Try to be on one of the SW1000XG control pages whilst doing this.

7: Go to your monitor mixer, and set your 12 (or more tracks) to Master, Buss 1, 2, 3, 4, 5, and 6 respectively (tracks 1&2 to master, 3&4 to buss 1, 5&6 to buss 2 etc). This will assign your VST channels in arrange page to the master outs (which you have previously made active). Make sure that you pan the monitor mixer tracks hard left and right so that they pass over to the SW1000XG's individual audio channels (1-12) on the control freaks SW1000XG audio control preset

8: Now make sure that you are not filtering SysEx out (midi options, filter) in VST (This is critical), and set up a control channel in VST's arrange page (call it SW1000 control) and set its midi port out the port you have the control freak connected to, and midi channel to ALL. Make sure in preferences (file/prefs menu) in VST, that you have audio & midi to play in background set to on, open up a multichannel audio demo or song that uses all 12 channels, set your active track to the sw1000 control track, and call up the preset profiles for SW1000Xg audio control on the control freak, and you will now be able to control all of your audio levels, pans, effects sends etc from the control freak and record the changes in VST, as SysEx or controller data, on your control track (much like a mixer map track).

9: For midi control of the synth parts, the same rules kind of apply although you should limit the Cubase track to single midi channel when playing with midi edits, rather than set channel to all. Also be careful when sending out snapshots from the control freak, as sometimes Cubase and any other sequencer can upset the data ordering in the event list if you have quantisation on.

10 : Remember that you don't have to be in record mode inside VST to hear the Control Freak changes taking place, which makes it an ideal way to set up mixes and then snapshot them when you are happy!

Most of this is common sense for any professional VST user, but please contact Steinberg for any more info on VST rather than Yamaha, as we know it works, and we have used VST at many shows to demo the SW1000XG, so if you are having problems) then contact Steinberg!

Much of this info also applies to Logic Audio and Cakewalk (Check with Cakewalk on some issues relating to its handling of SysEx in versions prior to version 8.0 though!)

WWW.Cakewalk.com is a good place to start for more info on Cakewalk

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