



Logic Pro X



# nektar | IMPACT GX49 | GX61

Nektar DAW Integration User Guide for Impact GX49/61

## User Guide

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# Bitwig Setup and Configuration

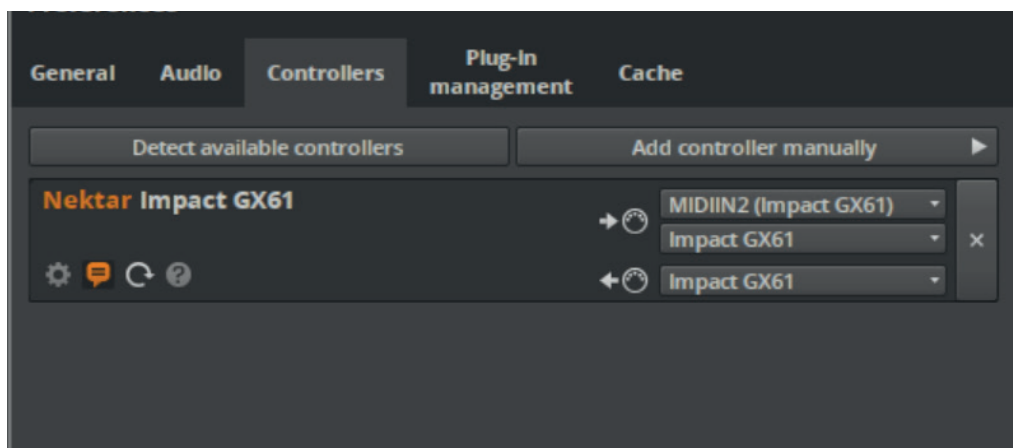
The Impact GX Bitwig Integration works with Bitwig Studio and Bitwig 8-Track and is compatible with Windows Vista, 7, 8 and 10 or higher as well as OS X 10.6 or higher. The Impact GX Bitwig integration is also compatible with Linux as long as a USB class MIDI driver has been installed. Finally, Impact GX can be used as a generic USB MIDI controller with Windows XP.

## Setup

Here are the steps you need to go through to get Bitwig Studio or Bitwig 8-Track up and running with your Impact GX:

- Make sure Bitwig is already installed on your computer. If not, please install Bitwig first, **then open Bitwig at least once, before running the installer included with this package.**
- Locate the Impact\_GX\_Bitwig\_support installer included with this package and run it. See note for OS X.
- Plug-in your Impact GX and make sure it's switched on (if you didn't do so already)
- Launch Bitwig Studio and go to Options/Preferences/Controllers
- Click "Detect available controllers". Your Impact GX should now appear in the list (see below image).
- Click "OK" and exit Device Setup.

That's it, setup is now complete.



# Bitwig 8-Track/Studio and Impact GX49 Working Together

With installation complete, it's time to take a look at how the Impact GX49 integrates with Bitwig Studio or Bitwig 8-Track.

The below chart shows you what each of the buttons are assigned to do. Press the [Play] button to make sure everything is working correctly. Next move on to check the other features by pressing the buttons and button combinations.

| BLUE LED BUTTON OFF |                                 | BLUE LED BUTTON ON |                                    | [SHIFT] FUNCTIONS |                    |
|---------------------|---------------------------------|--------------------|------------------------------------|-------------------|--------------------|
| BUTTON              | PARAMETER                       | BUTTON             | PARAMETER                          | BUTTON COMB.      | PARAMETER          |
| Click               | Click on/off                    | S1                 | Open/close Mixer lane              | Shift + Click     | Undo               |
| ⏮                   | Rewind, 1 bar                   | S2                 | Open/close Device chain            | Shift + ⏮         | Goto Left locator  |
| ⏭                   | Forward, 1 bar                  | S3                 | Open/close browser*                | Shift + ⏭         | Goto Right locator |
| ↺                   | Cycle on/off                    | ◀ Track            | Select previous track              | Shift + ↺         | Set Left locator   |
| ■                   | Stop. Press again to go to zero | Track ▶            | Select next track                  | Shift + ■         | Set Right locator  |
| ▶                   | Play. Press again to pause      | ◀ Patch            | Previous patch for selected device | Shift + ▶         | Launcher Overdub   |
| ●                   | Record                          | Patch ▶            | Next patch for selected device     | Shift + ●         | Arranger Overdub   |

\* Note that a device has to be present on the currently selected track for the browser to open when pressing [S2].

## CONTROLLING VOLUME

The pot control is assigned to control volume of the currently selected track

Move the pot all the way up and down. The Bitwig mixer volume for the currently selected track is now controlled by the pot on your Impact GX. Every time you select or create a track, your Impact GX will automatically control the volume of that track.

## CONTROLLING MASTER VOLUME

You can also use the pot to control Bitwig's master volume. Press and hold the [Shift] button and move the pot.

## SOFT TAKE-OVER

When changing tracks and adjusting Bitwig Studio's mixer volume with a control, you would normally experience parameter jumping. This happens when a control's physical position is not the same as the position of the parameter you are controlling. When you move the control, the parameter therefore jumps to the value the control is sending out.

To avoid parameter jumping when using the pot, your Impact GX is equipped with Soft Take-Over. This means that if the pot is not in sync with the current channel volume, moving the pot will not cause a change, until it's position matches the value of the parameter.

Even better, two LED's below the pot indicate which direction the pot should be turned to change volume. If for example the right LED is red, move the pot to the right. Once the pot's position matches the current tracks volume setting, the two LED's will both illuminate in green.

When you change track, the LED's update to indicate the current status of the selected track.

## SUPPORT

If you are not getting the results described, please check your installation one more time as well as the Nektar support tab on our website [www.nektartech.com](http://www.nektartech.com). You can also contact our support staff [here](#)

# Cubase/Nuendo Installation and Setup

The Impact GX Cubase Integration is compatible with all versions of Cubase from v5 and higher.

These instructions assume you have a compatible Cubase or Nuendo program installed running on either Windows (Vista, 7, 8, 10 or higher) or Mac OS X 10.6 or higher. Throughout we talk about Cubase but the same instructions apply to Nuendo.

## Installation

- Locate the Impact\_GX\_Steinberg\_support installer included with this package and run it.
- Plug-in your Impact GX and make sure it's switched on (if you didn't do so already)
- Launch Cubase and go to Devices/Device Setup/MIDI Port Setup
- Un-tick the second Impact GX port in the "In 'All MIDI'" column. The second port is named "MIDIIN2 (IMPACT GX)" (image 1) in Windows and "Impact GX Port 2" in OS X
- Next check that Impact GX appears in the Device Setup list
- Click "OK" and exit Device Setup.

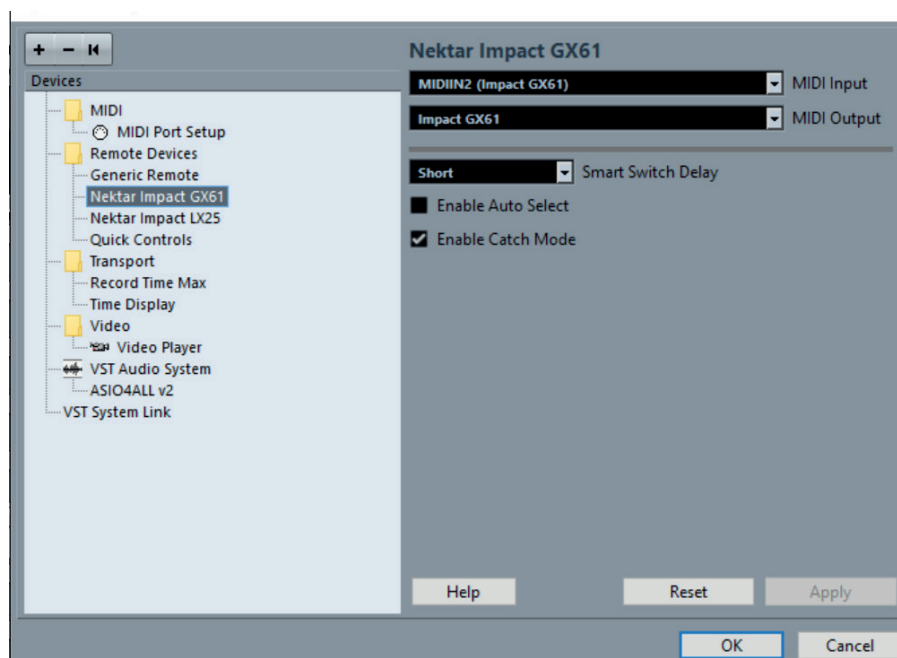
That's it, setup is now complete and you can move on to the fun part, learning how it all works

### Windows

| I/O | Port System Name      | Show As               | Visible                             | State  | In 'All MIDI I                      |
|-----|-----------------------|-----------------------|-------------------------------------|--------|-------------------------------------|
| In  | Impact GX61           | Impact GX61           | <input checked="" type="checkbox"/> | Active | <input checked="" type="checkbox"/> |
| In  | MIDIIN2 (Impact GX61) | MIDIIN2 (Impact GX61) | <input checked="" type="checkbox"/> | Active | <input type="checkbox"/>            |
| Out | Impact GX61           | Impact GX61           | <input checked="" type="checkbox"/> | Active |                                     |

### OS X

| Port System Name  | Show As           | Visible                             | State  | In 'All MIDI I                      |
|-------------------|-------------------|-------------------------------------|--------|-------------------------------------|
| Impact GX49 MIDI1 | Impact GX49 MIDI1 | <input checked="" type="checkbox"/> | Active | <input checked="" type="checkbox"/> |
| Impact GX49 MIDI2 | Impact GX49 MIDI2 | <input checked="" type="checkbox"/> | Active | <input type="checkbox"/>            |
| Impact GX49 MIDI1 | Impact GX49 MIDI1 | <input checked="" type="checkbox"/> | Active |                                     |



# Cubase/Nuendo and Impact GX49 Working Together

With installation complete, it's time to take a look at how the Impact GX49 integrates with Cubase or Nuendo.

The below chart shows you what each of the buttons are assigned to do. Press the [Play] button to make sure everything is working correctly. Next move on to check the other features by pressing the buttons and button combinations.

| BLUE LED BUTTON OFF |                                           | BLUE LED BUTTON ON |                            | [SHIFT] FUNCTIONS |                    |
|---------------------|-------------------------------------------|--------------------|----------------------------|-------------------|--------------------|
| BUTTON              | PARAMETER                                 | BUTTON             | PARAMETER                  | BUTTON COMB.      | PARAMETER          |
| Click               | Click on/off                              | S1                 | Open/close Mixer           | Shift + Click     | Undo               |
| ⏮                   | Rewind, 1 bar. Press to scroll            | S2                 | Open/close Instrument      | Shift + ⏮         | Goto Left locator  |
| ⏭                   | Forward, 1 bar. Press to scroll           | S3                 | Open/close Channel Strip   | Shift + ⏭         | Goto Right locator |
| ↺                   | Cycle on/off                              | ◀ Track            | Select previous track      | Shift + ↺         | Set Left locator   |
| ■                   | Stop. Press again to go to starting point | Track ▶            | Select next track          | Shift + ■         | Set Right locator  |
| ▶                   | Play. Press again to pause                | ◀ Patch            | Previous instrument patch* | Shift + ▶         | -                  |
| ●                   | Record                                    | Patch ▶            | Next instrument patch*     | Shift + ●         | Arranger Overdub   |

\* Not all VST instruments allow you to change the patch using the patch change function. Most of the Steinberg plugins follow the standard though so first check this feature with some of the default plugins.

## CONTROLLING VOLUME

Next check the functionality of the pot control.

Move the pot all the way up and down. The Cubase mixer volume for the currently selected track is now controlled by the pot on your Impact GX. Every time you select or create a track, your Impact GX will automatically control the volume of that track.

## CONTROLLING MASTER VOLUME

You can also use the pot to control the Cubase mixer's master volume. Press and hold the [Shift] button and move the pot.

## SOFT TAKE-OVER

When changing tracks and adjusting mixer volume in Cubase with a control, you would normally experience parameter jumping. This happens when a control's physical position is not the same as the position of the parameter you are controlling. When you move the control, the parameter therefore jumps to the value the control is sending out.

To avoid parameter jumping when using the pot, your Impact GX is equipped with Soft Take-Over. This means that if the pot is not in sync with the current channel volume, moving the pot will not cause a change, until it's position matches the value of the parameter.

Even better, two LED's below the pot indicate which direction the pot should be turned to change volume. If for example the right LED is red, move the pot to the right. Once the pot's position matches the current tracks volume setting, the two LED's will both illuminate in green.

When you change track, the LED's update to indicate the current status of the selected track.

## SUPPORT

If you are not getting the results described, please check your installation one more time as well as the Nektar support tab on our website [www.nektartech.com](http://www.nektartech.com). You can also contact our support staff [here](#)

# Digital Performer Setup and Configuration

The Impact GX integration for MOTU's Digital Performer is compatible with Digital Performer 8 and higher. These instructions assume Digital Performer is installed running on either Windows (Vista, 7, 8 or higher) or Mac OS X 10.6 or higher.

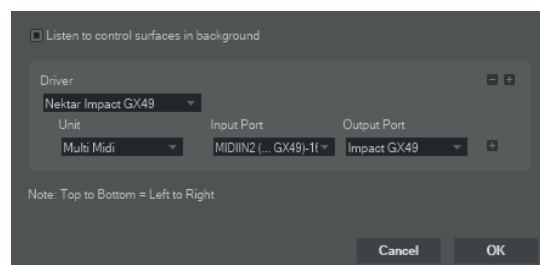
## Setup

Here are the steps you need to go through to get your Impact GX up and running with Digital Performer:

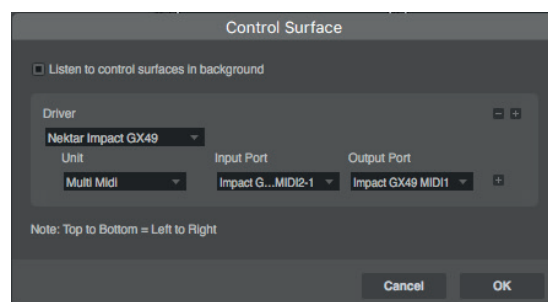
- Locate the Impact\_GX\_MOTU\_support installer included with this package and run it.
- Plug-in your Impact GX and make sure it's switched on (if you didn't do so already)
- Launch Digital Performer and create a Project or open an existing one
- Go to Setup/Control Surface Setup...
- Click the "+"
- For "Driver" select Nektar Impact GX
- For "Unit" select Multi MIDI
- For "MIDI Input", select MIDIIN2 (Impact GX) in Windows or Impact GX Port 2-16 in OS X
- For "MIDI Output", select Impact GX49 in Windows or Impact GX49 Port 1 in OS X
- Click "OK" to close the Control Surface Setup window.

That's it, Digital Performer is now configured to work with your Impact GX.

### Windows



### OS X



# Digital Performer and Impact GX49 Working Together

With installation complete, it's time to take a look at how the Impact GX49 integrates with Digital Performer.

The below chart shows you what each of the buttons are assigned to do. Press the [Play] button to make sure everything is working correctly. Next move on to check the other features by pressing the buttons and button combinations.

| BLUE LED BUTTON OFF |                              | BLUE LED BUTTON ON |                           | [SHIFT] FUNCTIONS |                    |
|---------------------|------------------------------|--------------------|---------------------------|-------------------|--------------------|
| BUTTON              | PARAMETER                    | BUTTON             | PARAMETER                 | BUTTON COMB.      | PARAMETER          |
| Click               | Click on/off                 | S1                 | Open/close Mixer          | Shift + Click     | Undo/Redo          |
| ⏮                   | Rewind. Press again to stop  | S2                 | Open/closeInstrument      | Shift + ⏮         | Goto Left locator  |
| ⏭                   | Forward. Press again to stop | S3                 | -                         | Shift + ⏭         | Goto Right locator |
| ↺                   | Cycle on/off                 | ◀ Track            | Select previous track     | Shift + ↺         | Set Left locator   |
| ■                   | Stop                         | Track ▶            | Select next track         | Shift + ■         | Set Right locator  |
| ▶                   | Play. Press again to pause   | ◀ Patch            | Previous instrument patch | Shift + ▶         | -                  |
| ●                   | Record                       | Patch ▶            | Next instrument patch     | Shift + ●         | Overdub            |

## CONTROLLING VOLUME

The Impact GX pot is assigned to control volume for the currently selected/record armed track.

Move the pot all the way up and down. The Digital Performer mixer volume for the currently selected track is now controlled by the pot on your Impact GX. Every time you select or create a track, your Impact GX will automatically control the volume of that track.

Note: Digital Performer doesn't allow control of the instrument volume parameter but instead sends MIDI cc 7 which controls the volume MIDI parameter instead. In practical use the outcome is the same but it means that you will be recording MIDI data instead of automation data when moving the Impact GX pot on an instrument track.

## SOFT TAKE-OVER

When changing tracks and adjusting mixer volume in Digital Performer with a control, you would normally experience parameter jumping. This happens when a control's physical position is not the same as the position of the parameter you are controlling. When you move the control, the parameter therefore jumps to the value the control is sending out.

To avoid parameter jumping when using the pot, your Impact GX is equipped with Soft Take-Over. This means that if the pot is not in sync with the current channel volume, moving the pot will not cause a change, until it's position matches the value of the parameter.

Even better, two LED's below the pot indicate which direction the pot should be turned to change volume. If for example the right LED is red, move the pot to the right. Once the pot's position matches the current tracks volume setting, the two LED's will both illuminate in green. When you change track, the LED's update to indicate the current status of the selected track.

## SUPPORT

If you are not getting the results described, please check your installation one more time as well as the Nektar support tab on our website [www.nektartech.com](http://www.nektartech.com). You can also contact our support staff [here](#)

# FL Studio Setup

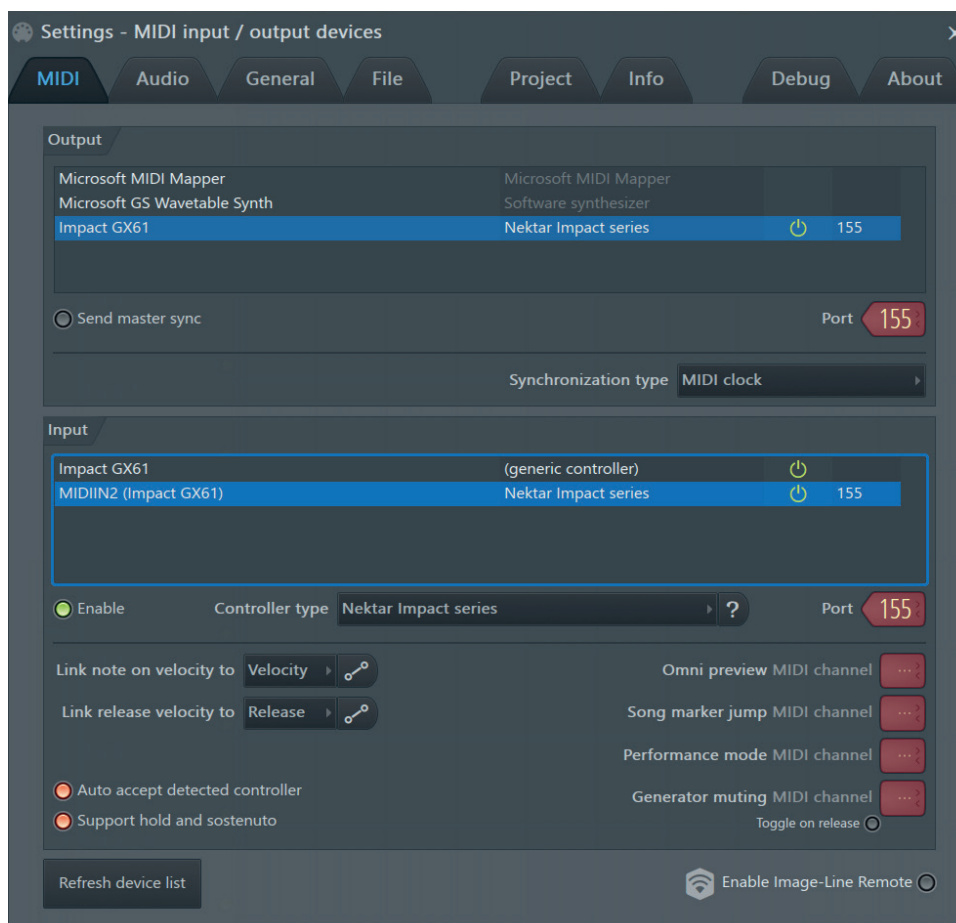
The Impact GX FL Studio Integration is compatible with FL Studio 11.2 or later. If „Nektar Impact Series“ does not appear in the Controller Type list, upgrade to the latest version of FL Studio.

## Installation

- Plug-in your Impact GX and make sure to switch it on (if you didn't do so already)
- Launch FL Studio and go to Options/MIDI Settings (image 1)
- The Impact GX ports should now appear in the FL Studio window as per Image 1. If you don't see them, click “Rescan devices” at the bottom of the window
- The Output port IMPACT GX49 should be set to port 155
- Enable input port IMPACT GX49 and set Controller Type to “(generic controller)”
- Enable input port MIDIIN2 (IMPACT GX49) and set Controller Type to “Nektar Impact series”\*
- Set MIDIIN2 (IMPACT GX49) to port 155
- If you setup now matches the image below, exit MIDI settings

That's it, setup is now complete and you can move on to the fun part, learning how it all works.

\* If “Nektar Impact series” is not available in the controller type list, you'll need to upgrade your version of FL Studio.



## FL Studio and Impact GX49 Working Together

With installation complete, it's time to take a look at how the Impact GX49 integrates with FL Studio.

The below chart shows you what each of the buttons are assigned to do. Press the [Play] button to make sure everything is working correctly. Next move on to check the other features by pressing the buttons and button combinations.

| BLUE LED BUTTON OFF |                            | BLUE LED BUTTON ON |                             | [SHIFT] FUNCTIONS |                             |
|---------------------|----------------------------|--------------------|-----------------------------|-------------------|-----------------------------|
| BUTTON              | PARAMETER                  | BUTTON             | PARAMETER                   | BUTTON COMB.      | PARAMETER                   |
| Click               | -                          | S1                 | Open/close Mixer            | Shift + Click     | -                           |
| ⏮                   | Rewind. Press and hold     | S2                 | Open/close Instrument       | Shift + ⏮         | Playback slow               |
| ⏭                   | Forward. Press and hold    | S3                 | -                           | Shift + ⏭         | Playback fast               |
| ↺↻                  | Cycle on/off               | ◀ Track            | Select previous mixer track | Shift + ↺↻        | -                           |
| ■                   | Stop                       | Track ▶            | Select next mixer track     | Shift + ■         | Undo last change            |
| ▶                   | Play. Press again to pause | ◀ Patch            | Previous channel            | Shift + ▶         | Metronome on/off            |
| ●                   | Record                     | Patch ▶            | Next channel                | Shift + ●         | Close all unfocused Windows |

### CONTROLLING VOLUME

The Impact GX pot is assigned to control volume for the currently selected track. This means that every time you select or create a track, your Impact GX will automatically control the volume of that track.

### SUPPORT

If you are not getting the results described, please check your installation one more time as well as the Nektar support tab on our website [www.nektartech.com](http://www.nektartech.com). You can also contact our support staff [here](#)

# GarageBand Setup and Configuration

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The Impact GX GarageBand Integration is compatible with version 6 and higher.

## Setup

Here are the steps you need to go through to get GarageBand up and running with your Impact GX:

- Locate the Impact\_GX\_Apple\_support installer included with this package and run it.
- Plug-in your Impact GX and make sure it's switched on (if you didn't do so already)
- Launch GarageBand
- Create a new Project
- Create an Audio or Instrument track

That's it, setup is now complete.

# GarageBand and Impact GX49 Setup/Working Together

The Impact GX GarageBand Integration is compatible with version 6 and higher.

## Setup

Here are the steps you need to go through to get GarageBand up and running with your Impact GX:

- Locate the Impact\_GX\_Apple\_support installer included with this package and run it.
- Plug-in your Impact GX and make sure it's switched on (if you didn't do so already)
- Launch GarageBand
- Create a new Project
- Create an Audio or Instrument track

That's it, setup is now complete.

## OPERATING GARAGEBAND FROM IMPACT GX

With installation complete, it's time to take a look at how the Impact GX49 integrates with GarageBand.

The below chart shows you what each of the buttons are assigned to do. Press the [Play] button to make sure everything is working correctly. Next move on to check the other features by pressing the buttons and button combinations.

| BLUE LED BUTTON OFF |                                 | BLUE LED BUTTON ON |                           | [SHIFT] FUNCTIONS |                         |
|---------------------|---------------------------------|--------------------|---------------------------|-------------------|-------------------------|
| BUTTON              | PARAMETER                       | BUTTON             | PARAMETER                 | BUTTON COMB.      | PARAMETER               |
| Click               | Click on/off                    | S1                 | Open/close Library        | Shift + Click     | Undo                    |
| ⏮                   | Rewind, 1 bar. Press to scroll  | S2                 | Open/close Apple Loops    | Shift + ⏮         | Move cycle loop back    |
| ⏭                   | Forward, 1 bar. Press to scroll | S3                 | Open/close Smart Controls | Shift + ⏭         | Move cycle loop forward |
| ↺↻                  | Cycle on/off                    | ◀ Track            | Move selected track up    | Shift + ↺↻        | Set Left cycle point*   |
| ■                   | Stop                            | Track ▶            | Move selected track down  | Shift + ■         | Set Right cycle point*  |
| ▶                   | Play. Press again to pause      | ◀ Patch            | Previous instrument patch | Shift + ▶         | Arpeggiator enable      |
| ●                   | Record                          | Patch ▶            | Next instrument patch     | Shift + ●         | -                       |

\*Function only active if a loop/cycle area already exists.

## CONTROLLING VOLUME

Next check the functionality of the pot control.

Move the pot all the way up and down. The GarageBand mixer volume for the currently selected track is now controlled by the pot on your Impact GX. Every time you select or create a track, your Impact GX will automatically control the volume of that track.

## CONTROLLING MASTER VOLUME

You can also use the pot to control the GarageBand mixer's master volume. Press and hold the [Shift] button and move the pot.

## SUPPORT

If you are not getting the results described, please check your installation one more time as well as the Nektar support tab on our website [www.nektartech.com](http://www.nektartech.com). You can also contact our support staff [here](#)

# Logic Setup and Configuration

The Impact GX Logic Integration has been verified with Logic 8, 9 and X. The following instructions assumes you have one of these programs installed running OS X 10.6 or higher.

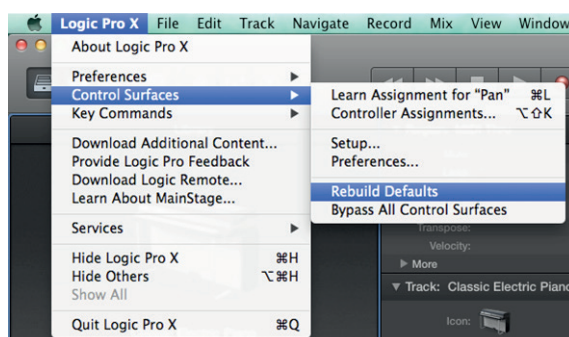
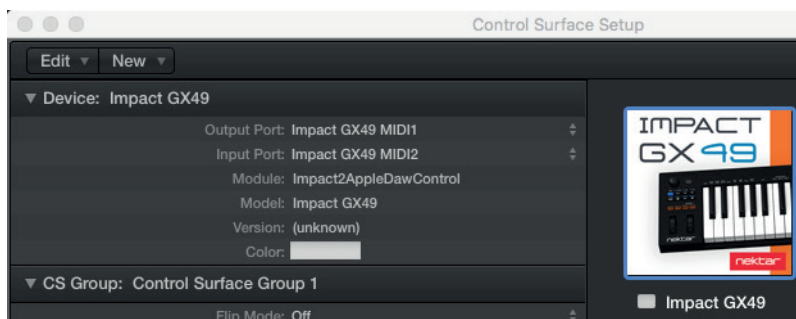
## Setup

Here are the steps you need to go through to get Logic up and running with your Impact GX:

- Locate the Impact\_GX\_Apple\_support installer included with this package and run it.
- Plug-in your Impact GX and make sure it's switched on (if you didn't do so already)
- Launch Logic
- Create a new Project and at least one track
- In Logic, the Control Surface Setup window will appear to indicate that Logic has detected a new control surface. You can close this window
- From the "Logic Pro" menu, select "Control Surfaces and then select "Rebuild Defaults"

That's it, setup is now complete.

\*You may have to complete this step again if you are using Nektar supported DAWs other than Logic with your Impact GX.



## Logic and Impact GX49 Working Together

With installation complete, it's time to take a look at how the Impact GX49 integrates with Logic.

The below chart shows you what each of the buttons are assigned to do. Press the [Play] button to make sure everything is working correctly. Next move on to check the other features by pressing the buttons and button combinations.

| BLUE LED BUTTON OFF |                                 | BLUE LED BUTTON ON |                            | [SHIFT] FUNCTIONS |                    |
|---------------------|---------------------------------|--------------------|----------------------------|-------------------|--------------------|
| BUTTON              | PARAMETER                       | BUTTON             | PARAMETER                  | BUTTON COMB.      | PARAMETER          |
| Click               | Click on/off                    | S1                 | Open/close Mixer           | Shift + Click     | Undo               |
| ⏮                   | Rewind, 1 bar. Press to scroll  | S2                 | Open/close Instrument      | Shift + ⏮         | Goto Left locator  |
| ⏭                   | Forward, 1 bar. Press to scroll | S3                 | Open/close Smart Controls  | Shift + ⏭         | Goto Right locator |
| ↺↻                  | Cycle on/off                    | ◀ Track            | Select previous track      | Shift + ↺↻        | Set Left locator   |
| ■                   | Stop                            | Track ▶            | Select next track          | Shift + ■         | Set Right locator  |
| ▶                   | Play                            | ◀ Patch            | Previous instrument patch* | Shift + ▶         | Arpeggiator enable |
| ●                   | Record                          | Patch ▶            | Next instrument patch*     | Shift + ●         | Record Arm         |

\* Patches=Logic AU user presets. Make sure at least 2 presets are saved in Logic.

### CONTROLLING VOLUME

Next check the functionality of the pot control.

Move the pot all the way up and down. The Logic mixer volume for the currently selected track is now controlled by the pot on your Impact GX. Every time you select or create a track, your Impact GX will automatically control the volume of that track.

### CONTROLLING MASTER VOLUME

You can also use the pot to control the Logic mixer's master volume. Press and hold the [Shift] button and move the pot.

### SUPPORT

If you are not getting the results described, please check your installation one more time as well as the Nektar support tab on our website [www.nektartech.com](http://www.nektartech.com). You can also contact our support staff [here](#)

# Mixcraft 7 and Impact GX49 Setup and Working Together

To get up and running with Acoustica Mixcraft 7, follow these steps:

- Locate the Nektar Impact GX file included with this package
- Place the file in this location on your Windows PC (note you can copy the path in to File Explore): c:\ProgramData\Acoustica\Mixcraft\control-surfaces
- Make sure your Impact GX is connected and powered on
- Launch Mixcraft and check that the Impact GX control surface appears the following Mixcraft Menu: Mix/MIDI Control Surface

That's it. Setup is now complete.

## OPERATING MIXCRAFT FROM IMPACT GX

The below chart shows you what each of the buttons are assigned to do. Press the [Play] button to make sure everything is working correctly. Next move on to check the other features by pressing the buttons and button combinations.

| BLUE LED BUTTON OFF |                  | BLUE LED BUTTON ON |                           | [SHIFT] FUNCTIONS |           |
|---------------------|------------------|--------------------|---------------------------|-------------------|-----------|
| BUTTON              | PARAMETER        | BUTTON             | PARAMETER                 | BUTTON COMB.      | PARAMETER |
| Click               | Metronome on/off | S1                 | Undo                      | Shift + Click     | -         |
| ⏮                   | Rewind,a bit     | S2                 | Play from previous marker | Shift + ⏮         | -         |
| ⏭                   | Forward a bit    | S3                 | Play from next marker     | Shift + ⏭         | -         |
| ↺                   | Loop on/off      | ◀ Track            | Select previous track     | Shift + ↺         | -         |
| ■                   | Stop             | Track ▶            | Select next track         | Shift + ■         | -         |
| ▶                   | Play             | ◀ Patch            | Zoom out                  | Shift + ▶         | -         |
| ●                   | Record           | Patch ▶            | Zoom in                   | Shift + ●         | -         |

## CONTROLLING MASTER VOLUME

You can also use the pot to control the Mixcraft's master volume. Simply move the pot.

## SUPPORT

If you are not getting the results described, please check your installation one more time as well as the Nektar support tab on our website [www.nektartech.com](http://www.nektartech.com). You can also contact our support staff [here](#)

# Reaper Installation and Setup

The Impact GX Reaper Integration is compatible with Reaper 4.59 or later. We recommend that you upgrade to the latest version if you have not already done so.

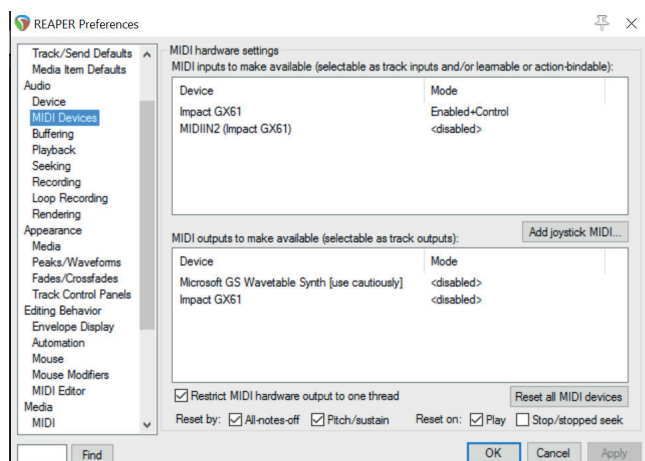
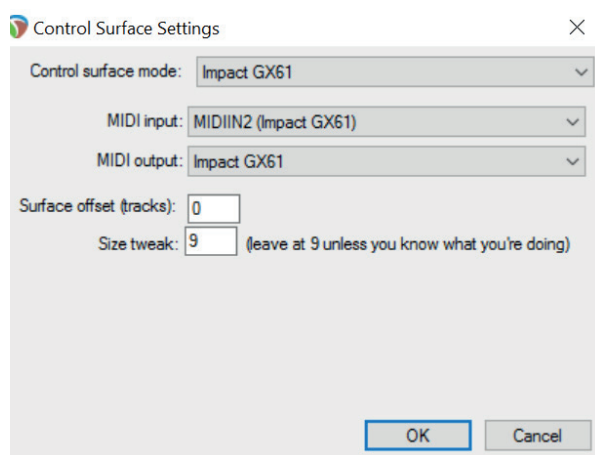
These instructions assumes you have a compatible Reaper program installed running on either Windows (Vista, 7, 8, 10 or higher) or Mac OS X 10.6 or higher.

## Installation

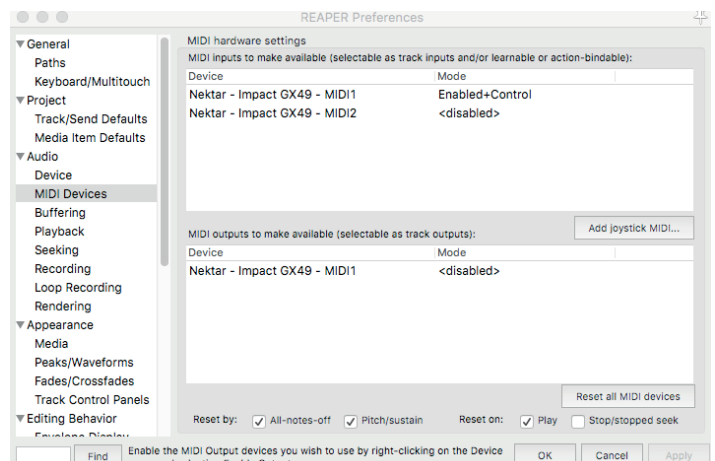
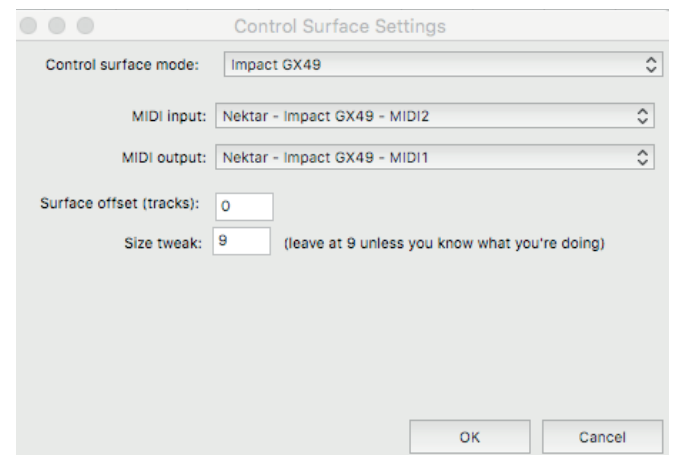
- If you have just completed a fresh install of Reaper, make sure to first open Reaper once and quit again, before installing the Impact Reaper support files.
- Locate the Impact\_GX\_Reaper\_support installer included with this package and run it.
- Plug-in your Impact GX and make sure it's switched on (if you didn't do so already)
- Launch Reaper and go to Options/Preferences/Control-OSC-Web (In older versions of reaper, the menu is called „Control Surfaces“)
- Click “Add”, then in the pop-up window, select your Impact GX model in the “Control surface mode” list. As long as your Impact GX is connected and switched on, Reaper should automatically detect the correct ports. (See Image 1 for Windows setup and Image 2 for OS X). Click “OK”
- Go to Preferences/Audio/MIDI Devices next and enable Port 1 for your Impact GX. The mode should be “Enable+Control”. The other 2 Impact GX ports should remain disabled.
- Click “Apply” and OK

That's it, setup is now complete and you can move on to the fun part, learning how it all works.

## Windows



## OS X



# Reaper and Impact GX49 Working Together

With installation complete, it's time to take a look at how the Impact GX49 integrates with Reaper.

The below chart shows you what each of the buttons are assigned to do. Press the [Play] button to make sure everything is working correctly. Next move on to check the other features by pressing the buttons and button combinations.

| BLUE LED BUTTON OFF |                                  | BLUE LED BUTTON ON |                             | [SHIFT] FUNCTIONS |                    |
|---------------------|----------------------------------|--------------------|-----------------------------|-------------------|--------------------|
| BUTTON              | PARAMETER                        | BUTTON             | PARAMETER                   | BUTTON COMB.      | PARAMETER          |
| Click               | Click on/off                     | S1                 | Open/close Mixer            | Shift + Click     | Undo               |
| ⏮                   | Rewind, 1 beat. Press to scroll  | S2                 | Open/close Instrument       | Shift + ⏮         | Goto Left locator  |
| ⏭                   | Forward, 1 beat. Press to scroll | S3                 | Open/close Channel Strip    | Shift + ⏭         | Goto Right locator |
| ↺↻                  | Repeat (Cycle) on/off            | ◀ Track            | Move selected track up      | Shift + ↺↻        | Set Left locator   |
| ■                   | Stop.                            | Track ▶            | Move selected track down    | Shift + ■         | Set Right locator  |
| ▶                   | Play. Press again to pause       | ◀ Patch            | Previous instrument preset* | Shift + ▶         | -                  |
| ●                   | Record                           | Patch ▶            | Next instrument preset*     | Shift + ●         | Track Arm          |

\* Patches=Reaper user presets. Make sure at least 2 presets are saved in Reaper.

## CONTROLLING VOLUME

Next check the functionality of the pot control.

Move the pot all the way up and down. The Reaper mixer volume for the currently selected track is now controlled by the pot on your Impact GX. Every time you select or create a track, your Impact GX will automatically control the volume of that track.

## CONTROLLING MASTER VOLUME

You can also use the pot to control the Reaper mixer's master volume. Press and hold the [Shift] button and move the pot.

## SOFT TAKE-OVER

When changing tracks and adjusting mixer volume in Reaper with a control, you would normally experience parameter jumping. This happens when a control's physical position is not the same as the position of the parameter you are controlling. When you move the control, the parameter therefore jumps to the value the control is sending out.

To avoid parameter jumping when using the pot, your Impact GX is equipped with Soft Take-Over. This means that if the pot is not in sync with the current channel volume, moving the pot will not cause a change, until it's position matches the value of the parameter.

Even better, two LED's below the pot indicate which direction the pot should be turned to change volume. If for example the right LED is red, move the pot to the right. Once the pot's position matches the current tracks volume setting, the two LED's will both illuminate in green.

When you change track, the LED's update to indicate the current status of the selected track.

## SUPPORT

If you are not getting the results described, please check your installation one more time as well as the Nektar support tab on our website [www.nektartech.com](http://www.nektartech.com). You can also contact our support staff [here](#)

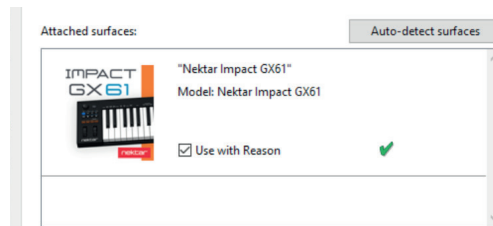
# Reason Setup and Configuration

The Impact GX Reason Integration is compatible with all version of Reason from 6.0 and up. These instructions assume you have one of these programs installed running on either Windows (Vista, 7, 8 or higher) or Mac OS X 10.6 or higher.

## Installation

Here are the steps you need to go through to get Reason up and running with your Impact GX:

- Locate the Impact\_GX\_Reason\_support installer included with this package and run it.
- Plug-in your Impact GX and make sure it's switched on (if you didn't do so already)
- Launch Reason and go to Edit/Preferences/Control Surfaces
- Click "Auto-detect surfaces"
- You should now see Impact GX appear as a control surface In Reason.
- Close the Reason Preferences window



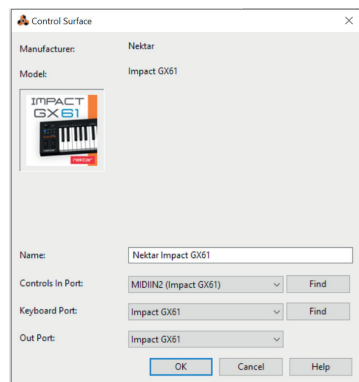
That's it, setup is now complete.

## Adding the Impact GX ports manually

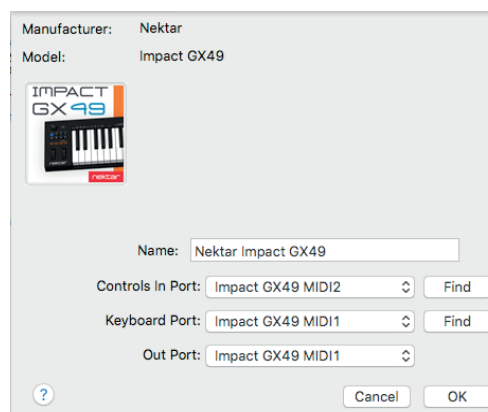
If the Impact GX control surfaces did not appear in Reason after auto-detection, you can add it manually.

- Click the "Add" button
- Set up each of the two ports as per the below images and click ok when done

## Windows



## OS X



## Reason and Impact GX49 Working Together

With installation complete, it's time to take a look at how the Impact GX49 integrates with Reason.

The below chart shows you what each of the buttons are assigned to do. Press the [Play] button to make sure everything is working

| BLUE LED BUTTON OFF |                                         | BLUE LED BUTTON ON |                          | [SHIFT] FUNCTIONS |                        |
|---------------------|-----------------------------------------|--------------------|--------------------------|-------------------|------------------------|
| BUTTON              | PARAMETER                               | BUTTON             | PARAMETER                | BUTTON COMB.      | PARAMETER              |
| Click               | Click on/off                            | S1                 | Mute selected track      | Shift + Click     | Undo                   |
| ⏮                   | Rewind, 1 bar. Hold to scroll           | S2                 | Solo selected track      | Shift + ⏮         | Goto Left locator      |
| ⏭                   | Forward, 1 bar. Hold to scroll          | S3                 | Enable track automation  | Shift + ⏭         | Goto Right locator     |
| ↺↻                  | Cycle on/off                            | ◀ Track            | Move selected track up   | Shift + ↺↻        | Set Left locator       |
| ■                   | Stop. Press again to go to Left locator | Track ▶            | Move selected track down | Shift + ■         | Set Right locator      |
| ▶                   | Play. Press again to pause              | ◀ Patch            | Previous device patch    | Shift + ▶         | Precount on/off        |
| ●                   | Record                                  | Patch ▶            | Next device patch        | Shift + ●         | Record Quantize on/off |

### CONTROLLING VOLUME

Next check the functionality of the pot control.

Move the pot all the way up and down. The Impact GX pot now controls the level of the device on the currently selected track.

### SOFT TAKE-OVER

When changing tracks and adjusting mixer volume in Reason with a control, you would normally experience parameter jumping. This happens when a control's physical position is not the same as the position of the parameter you are controlling. When you move the control, the parameter therefore jumps to the value the control is sending out.

To avoid parameter jumping when using the pot, your Impact GX is equipped with Soft Take-Over. This means that if the pot is not in sync with the current channel volume, moving the pot will not cause a change, until it's position matches the value of the parameter.

Even better, two LED's below the pot indicate which direction the pot should be turned to change volume. If for example the right LED is red, move the pot to the right. Once the pot's position matches the current tracks volume setting, the two LED's will both illuminate in green.

When you change track, the LED's update to indicate the current status of the selected track.

### SUPPORT

If you are not getting the results described, please check your installation one more time as well as the Nektar support tab on our website [www.nektartech.com](http://www.nektartech.com). You can also contact our support staff [here](#)

# Sonar Setup and Configuration

The Impact GX Sonar Integration is compatible with all versions of Sonar from v8.5 and higher.

These instructions assume you have a compatible Sonar program installed, running on Windows (Vista, 7, 8, 10 or higher)

## Setup

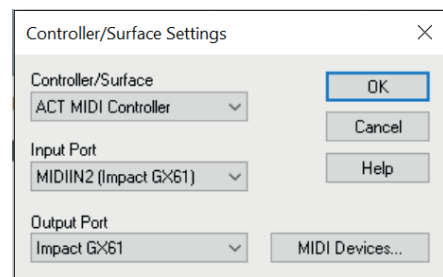
Here are the steps you need to go through to get Cakewalk Sonar up and running with your Impact GX:

- Locate the Impact\_GX\_Cakewalk\_support installer included with this package and run it.
- Plug-in your Impact GX and make sure it's switched on (if you didn't do so already)
- Launch Sonar and go to Edit/Preferences/MIDI/Devices
- Make sure both Impact GX and MIDIIN2 (IMPACT GX) are ticked.
- In Sonar Preferences, now go to MIDI/Control Surfaces
- Click on the yellow star icon.
- The Controller/Surface Settings dialogue box now appears.

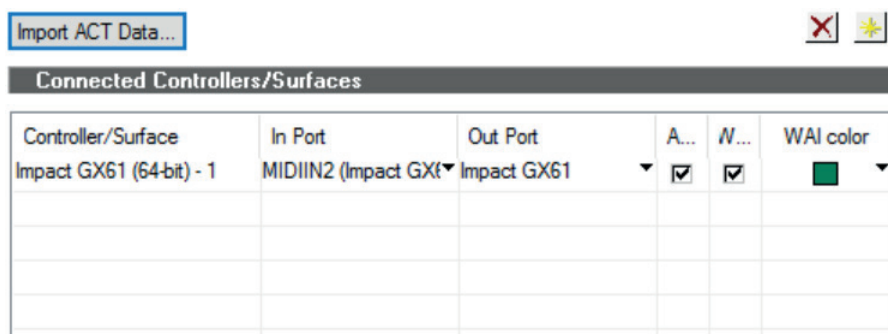
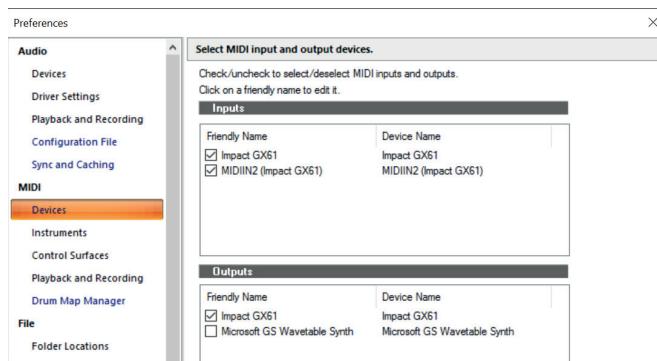
Make the following selections as per image on the right:

**Controller/Surface:** Impact GX  
**Input Port:** MIDIIN2 (IMPACT GX)  
**Output Port:** IMPACT GX

- Click OK
- The bottom image shows how the Control surface window should now look. Click Apply and Close.



That's it, setup is now complete.



# Sonar and Impact GX49 Working Together

With installation complete, it's time to take a look at how the Impact GX49 integrates with Cakewalk Sonar.

The below chart shows you what each of the buttons are assigned to do. Press the [Play] button to make sure everything is working correctly. Next move on to check the other features by pressing the buttons and button combinations.

| BLUE LED BUTTON OFF |                | BLUE LED BUTTON ON |                                       | [SHIFT] FUNCTIONS |                    |
|---------------------|----------------|--------------------|---------------------------------------|-------------------|--------------------|
| BUTTON              | PARAMETER      | BUTTON             | PARAMETER                             | BUTTON COMB.      | PARAMETER          |
| Click               | Click on/off   | S1                 | Open Mixer . Two press to close       | Shift + Click     | Undo               |
| ⏮                   | Rewind,1 bar   | S2                 | Open Instrument. Two presses to close | Shift + ⏮         | Goto Left locator  |
| ⏭                   | Forward, 1 bar | S3                 | -                                     | Shift + ⏭         | Goto Right locator |
| ↺↻                  | Cycle on/off   | ◀ Track            | Select previous Track                 | Shift + ↺↻        | Set Left locator   |
| ■                   | Stop           | Track ▶            | Select next Track                     | Shift + ■         | Set Right locator  |
| ▶                   | Play           | ◀ Patch            | Previous Instrument in rack*          | Shift + ▶         | -                  |
| ●                   | Record         | Patch ▶            | Next instrument in rack *             | Shift + ●         | Record Arm         |

\* To open and close the correct instrument window, you'll need to use the Patch buttons to navigate the instrument rack.

## CONTROLLING VOLUME

Next check the functionality of the pot control.

Move the pot all the way up and down. The Sonar mixer volume for the currently selected track is now controlled by the pot on your Impact GX. Every time you select or create a track, your Impact GX will automatically control the volume of that track.

## CONTROLLING MASTER VOLUME

You can also use the pot to control the Sonar mixer's master volume. Press and hold the [Shift] button and move the pot.

## SOFT TAKE-OVER

When changing tracks and adjusting mixer volume in Sonar with a control, you would normally experience parameter jumping. This happens when a control's physical position is not the same as the position of the parameter you are controlling. When you move the control, the parameter therefore jumps to the value the control is sending out.

To avoid parameter jumping when using the pot, your Impact GX is equipped with Soft Take-Over. This means that if the pot is not in sync with the current channel volume, moving the pot will not cause a change, until it's position matches the value of the parameter.

Even better, two LED's below the pot indicate which direction the pot should be turned to change volume. If for example the right LED is red, move the pot to the right. Once the pot's position matches the current tracks volume setting, the two LED's will both illuminate in green.

When you change track, the LED's update to indicate the current status of the selected track.

## SUPPORT

If you are not getting the results described, please check your installation one more time as well as the Nektar support tab on our website [www.nektartech.com](http://www.nektartech.com). You can also contact our support staff [here](#)

# Studio One Setup and Configuration

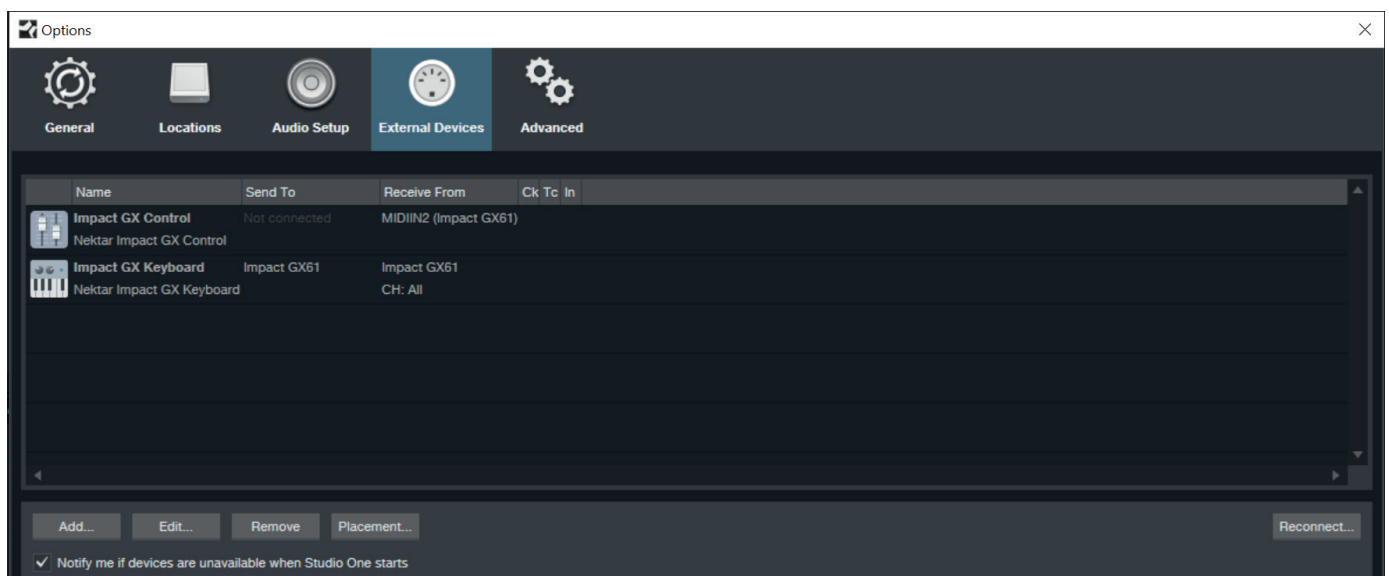
The Impact GX Studio One Integration is compatible with Studio One 3.0 or later. We recommend that you upgrade to the latest version if you have not already done so.

## Installation

- Locate the Impact\_GX\_Presonus\_support installer included with this package and run it.
- Plug-in your Impact GX and make sure it's switched on (if you didn't do so already)
- Launch Studio One and in the initial screen, click on "Configure External Devices"
- In the „Options“ menu that appears, click on "External Devices"
- The window should now show 2 Impact GX devices. Click ok and close the window.
- Create a new project or open an existing one.
- Press the play button on the Impact keyboard to confirm that Impact GX is communicating with Studio One 3.

That's it, setup is now complete and you can move on to the fun part, learning how it all works.

Troubleshooting: If only one or no Impact GX appears in the Options menu, you may have to set it up manually. check steps 6, 7 and 8 [on this page](#), for information about how to do that. Check also the troubleshooting steps at the bottom of that page, if you continue to struggle with the Studio One setup.



## Studio One and Impact GX49 Working Together

With installation complete, it's time to take a look at how the Impact GX49 integrates with Studio One.

The below chart shows you what each of the buttons are assigned to do. Press the [Play] button to make sure everything is working correctly. Next move on to check the other features by pressing the buttons and button combinations.

| BLUE LED BUTTON OFF |                                 | BLUE LED BUTTON ON |                           | [SHIFT] FUNCTIONS |                    |
|---------------------|---------------------------------|--------------------|---------------------------|-------------------|--------------------|
| BUTTON              | PARAMETER                       | BUTTON             | PARAMETER                 | BUTTON COMB.      | PARAMETER          |
| Click               | Click on/off                    | S1                 | Open/close Mixer          | Shift + Click     | Undo               |
| ⏮                   | Rewind, 1 bar                   | S2                 | Open/close Instrument     | Shift + ⏮         | Goto Left locator  |
| ⏭                   | Forward, 1 bar                  | S3                 | Open/close browser        | Shift + ⏭         | Goto Right locator |
| ↺                   | Cycle on/off                    | ◀ Track            | Select previous track     | Shift + ↺         | Set Left locator   |
| ■                   | Stop. Press again to play start | Track ▶            | Select next track         | Shift + ■         | Set Right locator  |
| ▶                   | Play. Press again to pause      | ◀ Patch            | Previous instrument patch | Shift + ▶         | Precount           |
| ●                   | Record                          | Patch ▶            | Next instrument patch     | Shift + ●         | Quantize Mode      |

### CONTROLLING VOLUME

The Impact GX pot is automatically assigned to control volume on the currently selected track. Every time you select or create a track, your Impact GX will automatically control the volume of that track.

### CONTROLLING MASTER VOLUME

You can also use the pot to control the Studio One mixer's master volume. Press and hold the [Shift] button and move the pot.

### SUPPORT

If you are not getting the results described, please check your installation one more time as well as the Nektar support tab on our website [www.nektartech.com](http://www.nektartech.com). You can also contact our support staff [here](#)

## Transport Control without Nektar DAW Integration

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The Nektar DAW Integration files automatically map the Octave and Transpose buttons so they can be used to control transport. If your DAW is not supported directly, you may still be able to control your DAWs transport controls using MIDI Machine Control.

Here is how you set up the Impact GX keyboard to send MIDI Machine Control messages

- Press the [Setup] button. The LED above the button will blink and the color is orange to indicate setup is active.
- Press the A2 key on your GX keyboard.
- Press the numeric key to enter 3
- Press Enter (C5). This will accept the change and exit Setup.

Provided your DAW is set up to receive MMC, you can now control transport functions from Impact GX. The buttons are assigned as follows::

| Button       | Function |
|--------------|----------|
| Click        | No       |
| << (Rewind)  | Yes      |
| >> (Forward) | Yes      |
| Cycle/Loop   | No       |
| Stop         | Yes      |
| Play         | Yes      |
| Record       | Yes      |

## Setting up Impact GX to Work with Pro Tools

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Avid Pro Tools is a closed environment that doesn't offer the same external control as other DAWs. However there are a few options to set up your Impact GX for use with Pro Tools.

You can for example use MMC as described on the previous page to control Pro Tools transport.

There is also an option to use a standard setup that provides a bit more functionality. Check [this page](#) for setup details.