

Impact LX Mini

Using LX Mini with GarageBand

For version 10.4.4 or higher



IMPACT LX MINI

Installation & setup

The Impact LX Mini GarageBand Integration has been verified with GarageBand 10.4.4 or higher, running MacOS 10.15 minimum. Please make sure your setup is compatible before running the installer.

Setup

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

- If you haven't yet updated the firmware in your LX Mini, complete that step first. The firmware update is a separate download available from MY ACCOUNT on our website. With the firmware update complete, move on to the next steps.
- Locate the LX_Mini_GarageBand_support installer included with this package and run it.
- Plug-in your LX Mini and make sure it's switched on (if you didn't do so already).
- Launch GarageBand.
- Create a new Project and add at least one track.

That's it, setup is now complete.

GarageBand and LX Mini working together

With the GarageBand integration files installed and setup complete, LX Mini is ready to control GarageBand's transport functions, track change, track/channel volume, open/close windows and Smart Controls. All of this works seamlessly alongside LX Mini's internal MIDI functions as detailed in the owner's manual. Start by checking that DAW integration is setup correctly and working, by pressing the play button on LX Mini to activate play in GarageBand.

Transport Control

The transport buttons are set up to activate or deactivate the following transport functions: Click on/off, Rewind (in 1 bar decrements), Forward (in 1 bar increments), Cycle, Stop, Play and Record.

Press the [Shift] button to illuminate. When the button is blue, the transport buttons switch to their secondary assignments as indicated by the blue screen printing above the buttons.

The white screen printing also indicate additional functionality which can be accessed by pressing the transport buttons while holding [Shift]. For example, [Shift]+[Click] will activate Undo in GarageBand.

The chart below shows you what each button or button combination control.

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 + ⏮	Goto left Cycle point.
⏭	Forward, 1 bar. Press to scroll.	S3	Open/close Smart Controls.	Shift + ⏭	Goto right Cycle point.
↺↻	Cycle on/off.	◀ Track	Select previous track.	Shift + ↺↻	Set left Cycle point.
■	Stop.	Track ▶	Select next track.	Shift + ■	Set right Cycle point.
▶	Play.	◀ Patch	Previous instrument patch.	Shift + ▶	Arpeggiator enable.
●	Record.	Patch ▶	Next instrument patch.	Shift + ●	-

Open/close GarageBand windows

Make sure [Shift] is illuminated blue. If it's not, press the button.

The 3 buttons with S1, S2 and S3 printed in blue above, now toggle GarageBand windows Library, iApple Loops and Smart Controls open/closed.

Track change

To navigate GarageBand tracks from Impact LX Mini, make sure the [Shift] button is illuminated blue. Next press the button [<Track] to go to the previous track and [Track>] to go to the next track. This is the same as using the arrow up/down keys on your computer keyboard.

Transport control

Changing patches

You can step through instrument patches available in GarageBand's library browser from LX Mini. With the [Shift] button illuminated blue, press [<Patch] and [Patch>] to go to previous and next patch. You can open or close the Library panel by pressing [S1].

Undo

Press [Shift]+[Click/Undo] to undo the last action in GarageBand.

Set and goto Cycle start/end

Adding a few button presses to your workflow can greatly help navigating a project without taking your hands of LX Mini.

- Press [Shift]+[Rwd/Goto L] to move the GarageBand playback to Cycle Start.
- Press [Shift]+[Fwd/Goto R] to move the GarageBand playback to Cycle End.

If Cycle is on in GarageBand, press [Shift] to select the primary assignments and press [Cycle] to switch off. GarageBand will now play beyond the right locator.

- Press [Shift]+[Cycle] to set Cycle Start as GarageBand is playing.
- Press [Shift]+[Stop] to set Cycle End at the point where you want it.

Next activate [Cycle] again and press [Shift]+[Rwd/Goto L]. GarageBand now play the Cycle as set.

Arpeggiator enable

GarageBand's arpeggiator can be enabled or disabled easily from LX Mini. It makes it much more immediate when experimenting with instrument parts. Press [Shift]+[Play] to toggle the arpeggiator on or off.

Volume control, soft take-over and LED indicators

The large pot by default control the currently selected track's volume. Move the pot all the way up and down. The currently selected track's volume parameter is now controlled.

You may have experienced that volume was not controlled immediately as you moved the pot. This is caused by soft take-over which helps avoid parameter jumping when using any of LX Mini's 9 pots. For example, if the large pot is not in sync with the current channel volume, moving the pot will not cause a change until its position matches the value of the parameter.

Controlling master volume

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

Smart Controls

To control Smart Controls, press [Page] to toggle the Smart Controls inspector. Smart Controls map up to 12 parameters with the automatic mapping assigning the parameters you are most likely to need. You can also create your own Smart Controls mapping. Read the Logic documentation for more information about this. Smart Controls can control effect parameters as well as instrument parameters.

Drum instruments can be played from LX Mini's keyboard or pads

Operating a drum instrument works the same way as any other instrument and using the Pad maps 1+2 you are able to play many drum instruments straight away. However there is no exact standard for how drum sounds should be mapped so you may have instruments where the Impact LX Mini pads don't trigger the sounds you want.

Thankfully there is a learn function for that.

'Learning' a plugin instrument's drum sounds to the pads

It's easy to change a pad note assignment using the Pad Learn function. It works as follows:

- Press [Shift]+[Internal] to activate Setup mode. The Internal button's LED now blinks white.
- On the keyboard, press E1, labeled 'Pad Learn'.
- All pad LEDs are now off, except the currently select pad. Press any pad to select it.
- Press a key on the keyboard to learn its note to the selected pad. Use the octave buttons if necessary.
- Repeat steps 3 and 4 to select pads and assign notes.
- Press [Instrument], [Internal] or [Function] to exit when done.

The pad assignments are retained in memory until changed or a pad map is loaded. Make sure to store in one of the 4 pad maps if you want to be able to recall your assignments at any time.

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. You can also contact our support staff [here](#)