# **Modulation devices for Push**

<ul> <li>LFO For Push</li> <li>Rate</li> <li>1.52 нz</li> </ul>	Time Mode <b>Free</b> Syn	x10 OffOn	Depth 100 %	Offset 0%	Phase 0 %		LFO_Visual -0.49
Main	Main2	Map[1]	Map[2]	Map[3]	Map[4]	Map[5]	*

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- These are MaxForLive devices so you're gonna need either Live suite, or Live standard with MaxForLive.

- Compatible with Live 12:
  - Envelope follower for push(Live 12 version)
  - Envelope MIDI for push(Live 12 version)
  - Shaper for push(Live 12 version)
  - Shaper MIDI for push(Live 12 version)
  - LFO for push(Live 12 version)
- Compatible with Live 11 and 12:
  - LFO for push 1, and 8(Live 11 version)

### **INSTALLATION:**

You can **put the devices into your Ableton Live user library**, basically anywhere.

Default location of the User Library:

When you install Live for the first time, the User Library is created at this location: <u>WINDOWS: \USERS\[USERNAME]\DOCUMENTS\ABLETON\USER LIBRARY</u> <u>MAC: MACINTOSH HD/USERS/[USERNAME]/MUSIC/ABLETON/USER</u> <u>LIBRARY</u>

Please note that Live has to analyse your user library after you put your devices in there... It could take a while. For the time being, you can just drag and drop these devices on your track from your user library. until Live analyses your folders.

## Installation for Push3 Standalone:

You need to put the device in your Push's User Library from Live to a place where you'll find it later.

#### EXPLANATION:

LFO, Shaper, and Envelope follower are built-in Ableton Live devices that lets you modulate up to 8 selectable parameters in different ways.

Unfortunately you can't access the mapping capabilities from push with the default versions. Which makes it basically impossible to use the device from push if you don't set it up previously from your computer.

That's why I created these modified versions, where you can:

- Get a visual representation of the LFO/Modulation signal, and the mapped parameter's name on the Push display.
- You can select the destination of the modulation By turning the MAP dial, then selecting the desired parameter you want to modulate.
- Change the the parameters like Min, Max, and modulation mode directly from push.
- Unmap/Unassign the mappings.

When you load the device into a track and select one of the "Map" banks you can use the device like you normally would on your computer:

< LFO For Push Map OMap		Modulation Remote	Polarity +/-+	ModAmount 50 %	Min 0 %	мах 100 %	LFO_Visual 0.32
Main	Main2	Map[1]	Map[2]	Map[3]	Map[4]	Map[5]	-

In every page there's a little visual representation:

A dial that moves according to the modulation's signal.

With that you'll be able to see the changes you make to the device, Like the shape of the LFO and it's speed.

<u>Please note:</u> The visual only starts working once you moved the rate or sync Rate dials. (To avoid problems with undo history )

< LFO For Push Unmap OUnmap		Modulation Remote	Polarity +/-+	ModAmount 50 %	Min 0%	<sup>Мах</sup> 100 %	LFO_Visual +0.15
Main	Main2	M1(Frequency)	Map[2]	Map[3]	Map[4]	Map[5]	÷

And If you map one of the destinations to a device parameter the bank's name will change to the parameters name.

So for example if you map "Map[1]" to a reverb's Dry/Wet parameter it'll display this : " D2(Dry/Wet)"

< LFO For Push Unmap OUnmap		Modulation Mod Ren	Polarity +/-+	ModAmount 50 %	Min 0%	мах 100 %	LFO_Visual -0.96
Main	Main2	M1(Frequency)	Map[2]	Map[3]	Map[4]	Map[5]	•

When you unmap it the Bank's will be renamed to "Map[1]" again, indicating that it's currently unasigned.



<u>Please note:</u> The new Live 12 Modulation mode doesn't have any indication in Push right now. Hopefully the Ableton team will address it with a future update, but I can't really do anything about it. (You can change the modulation mode back to the old Remote mode right from the devices)

If you have any questions or difficulties with the device feel free to write me at :

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Or you can find me in Twitter: https://twitter.com/ElisabethHom

Have Fun! ©

