

# Ableton Live Setup

## Installation

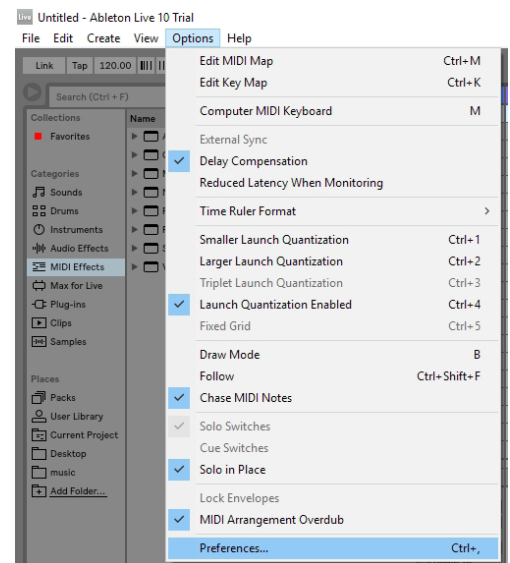
Ableton Live uses Pacer's default settings so If this is the first time Pacer is set up to control a DAW via MCU, you just need to configure Live.

1. Complete the Pacer firmware update available in a separate download under your product registration.
2. With Pacer connected to your computer, launch Live.
3. With Live open go to the 'Live' menu in OSX (below) or 'Options' in Windows and select 'Preferences'.



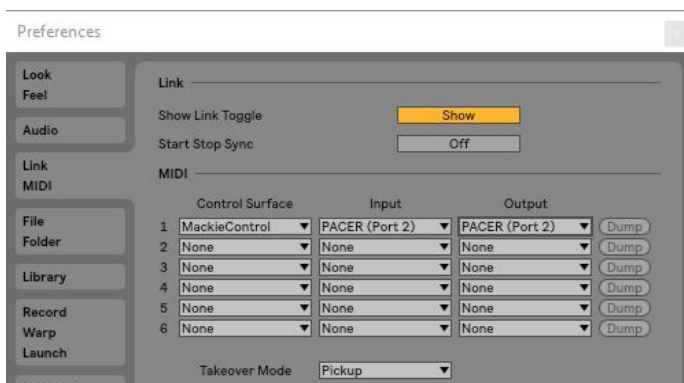
4. In the Preferences menu, go to the 'Link/MIDI' tab, then configure following settings:

- **Control Surface** = 'Mackie Control'
- **Input:** Windows 'PACER (Port 2)', Mac OS 'PACER (MIDI 2)'
- **Output:** Windows 'PACER (Port 2)', Mac OS 'PACER (MIDI 2)'
- Click 'OK'.

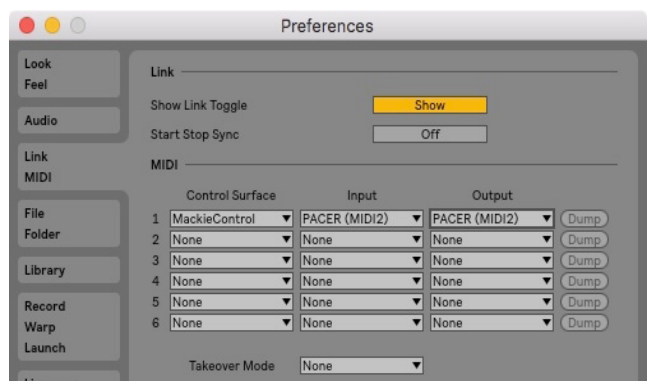


Pacer's MIDI ports should now be configured as shown in the image below.

### Windows



### MacOS



That's it. Pacer is configured in Ableton Live.









## Troubleshooting

If Pacer is not working correctly with Ableton Live as described on the following page, it may be that the default MCU setting was changed at some point. Here is how that can be rectified:

- Press the [Preset] Stomp Switch
- Turn the Data Encoder to select 'GLBL' (Global menu), then press the Encoder Button
- Turn the Data Encoder to select 'MCU', then press the Encoder Button
- Turn the Data Encoder to select 'DEF', then press the Encoder Button
- Press the [Preset] Stomp Switch to exit the Global menu

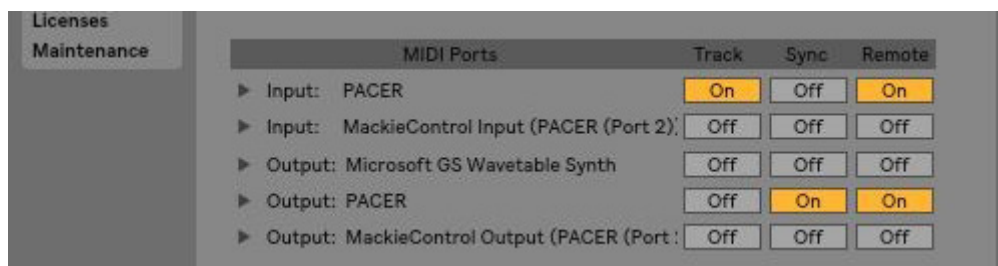
# Ableton Live Functional Overview

The below chart outlines which functions Pacer control when the Track or Transport presets are selected.

TRACK		TRANSPORT			
1-6	PARAMETER	1-6	PARAMETER	Preset, A-D.	PARAMETER
Solo	Unused.		Loop region on/off.	Preset	Select current Pacer preset.
Mute	Mute: Activates MIDI learn		Rewind	Track	Select DAW Track preset.
Rec Arm	Unused		Forward	Transport	Select DAW Transport preset.
Click	Unused		Stop.		Next DAW Track.
Patch v	Unused		Play.		Previous DAW Track.
Patch ^	Unused		Record		

## Controlling Plug-in Parameters

It's possible to assign Pacer's Stomp Switches, expression pedal inputs and Foot Switch Inputs to plug-in parameters in Live, from Pacer's User Presets. Preset D4 (GM CC) is ideal for this purpose.



In the 'Link/MIDI' page of Live's Preferences menu, activate the [Track] and [Remote] buttons for the 'Pacer' Input port. With that done, you can assign MIDI CCs transmitted from Pacer, using Live's MIDI learn function and you can even play instruments in Live when sending MIDI notes from Pacer.

## Synchronizing External Devices

If you have a MIDI device which can sync to Live's tempo, you can use Pacer as a MIDI interface to send the MIDI Clock messages. First configure Pacer's 5-pin MIDI out jack, to pass MIDI sent to Pacer's first output port.

1. Press the [Preset] Stomp Switch
2. Turn the Data Encoder to select 'GLBL' (Global menu), then press the Encoder Button
3. Turn the Data Encoder to select 'M\_Out', then press the Encoder Button
4. Turn the data encoder to select 'USB' or 'U I', if you would like to merge data from Live with data from Pacer's User Preset functions
5. Press the [Preset] Stomp Switch to exit the Global menu

Now, in the 'Link/MIDI' page of Live's Preferences menu, activate the 'Sync' button for the 'Pacer (MIDI 1)' output port in OSX, or the 'Pacer' output port in Windows.

## MIDI Feedback

It's possible to let Live send MIDI feedback to Pacer, to control the Stomp Switch LEDs. This way Pacer's LEDs will respond to parameter changes, whether controlled from Pacer or from Live's GUI.

First you will need to enable MIDI feedback for the Stomp Switches:

1. Load preset D4 (GM CC)
2. Press the [Preset] Stomp Switch
3. Turn the Data Encoder to select 'CTRL' (Control Edit menu), then press the Encoder Button
4. Press the Stomp Switch, to which you would like to send MIDI feedback
5. Turn the Data Encoder to select 'LED', then press the Encoder Button
6. The display should now say 'MIDI', press the Encoder Button
7. The display should now say 'OFF'. Turn the Data Encoder to select 'On', then press the Encoder Button
8. Press the [Preset] button, then turn the Data Encoder to select 'SETUP'
9. Repeat steps 3-7 for each of the Stomp Switches that you would like to respond to MIDI feedback
10. Press [Preset] button again to exit the Control Edit menu

Now, in the 'Link/MIDI' page of Live's Preferences menu, activate the 'Remote' button for the 'Pacer (MIDI 1)' output port in OSX, or the 'Pacer' output port in Windows.

With that done, the Stomp Switch LEDs will only change states in response to MIDI feedback. After making those changes described above to Preset D4, you should save the preset.