

BeatMaker 3

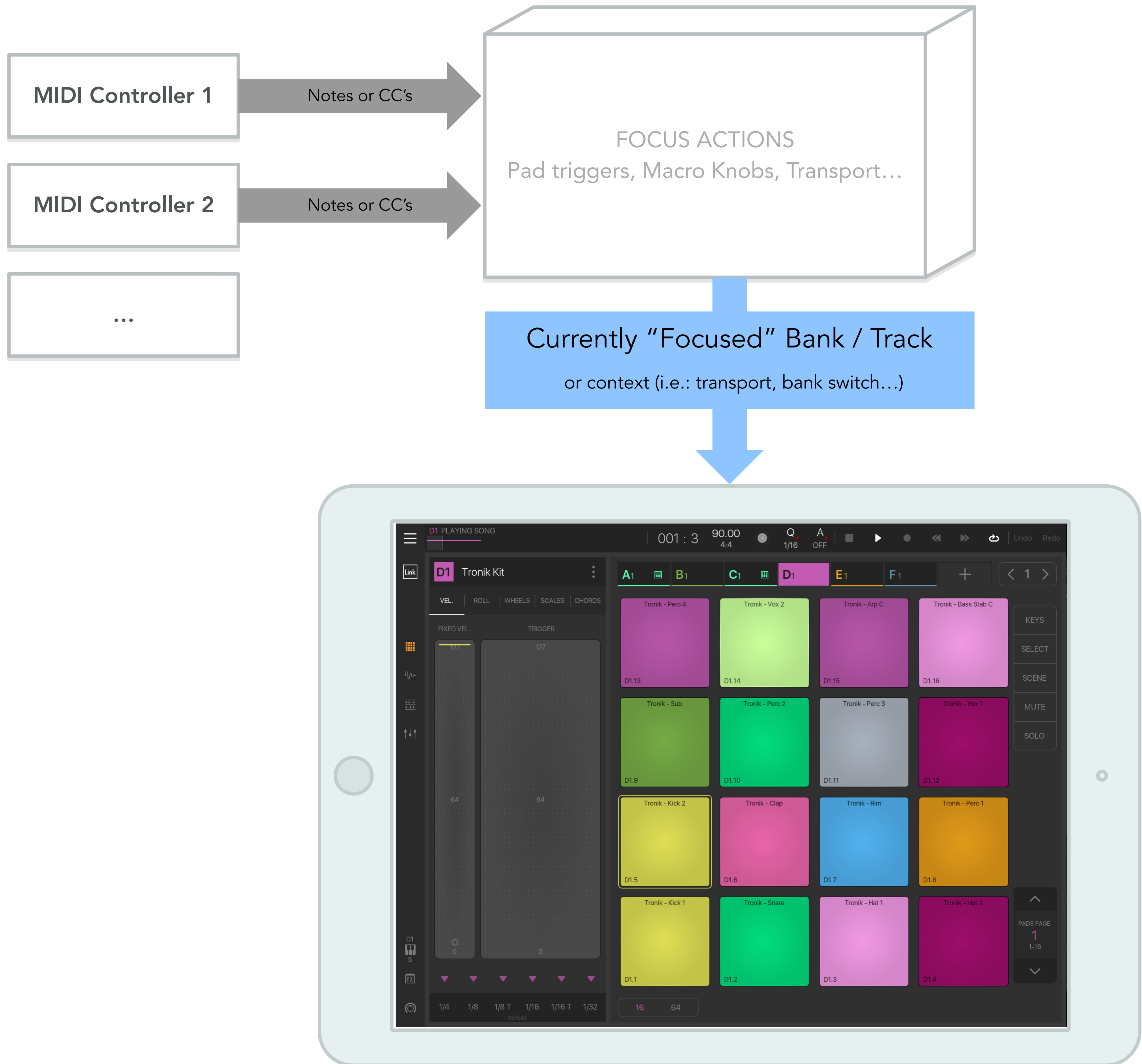
MIDI ROUTING



Controlling BeatMaker 3 with Focus Actions

A simple way to control banks, pads and various part of the app by using one or more MIDI device(s).

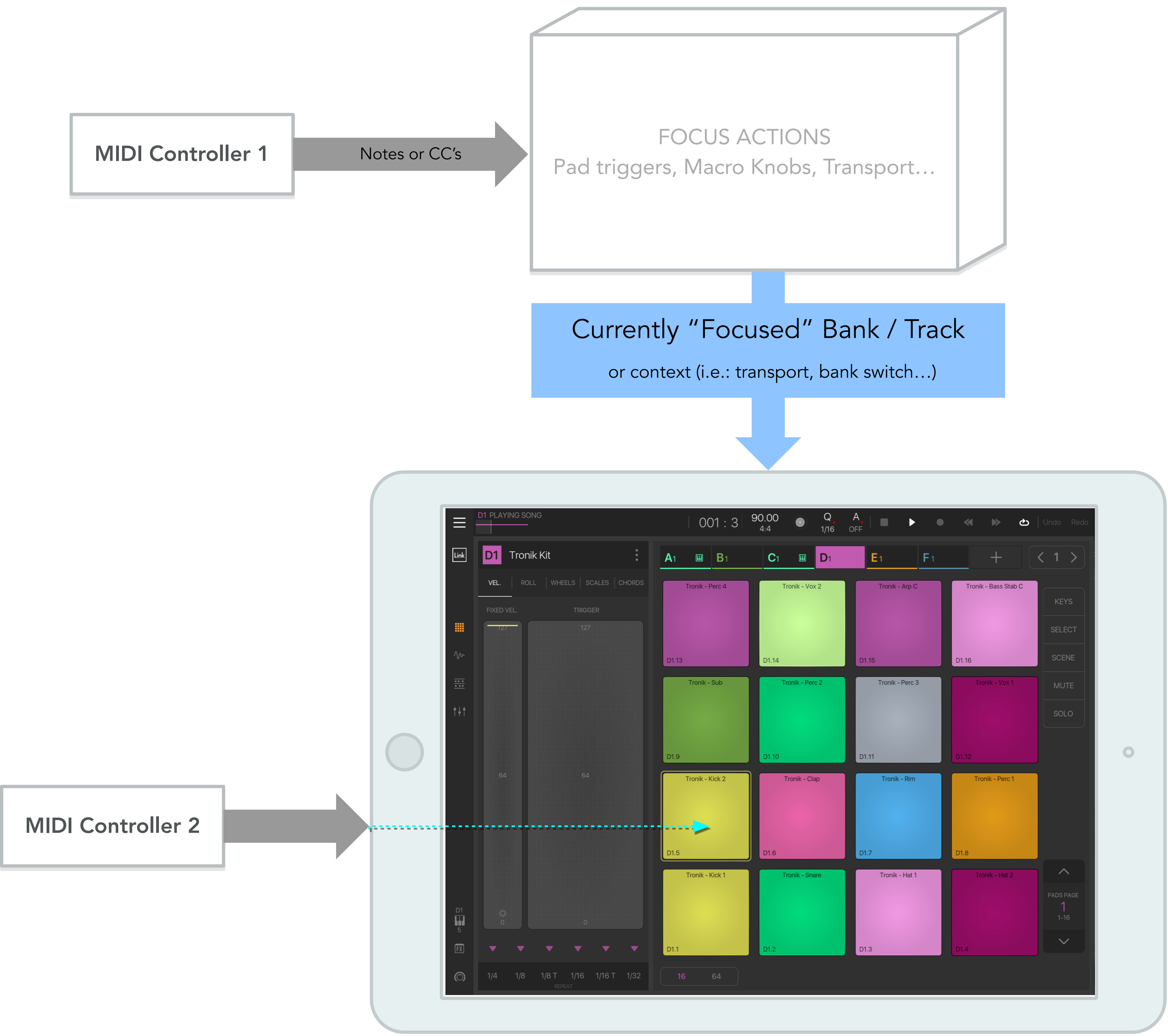
Pad triggers, modes (scene, mute, solo...), macros controls, etc. are always directed to the currently selected bank or track.



MIDI OMNI

In addition to using Focus Actions, you can quickly route all incoming MIDI data to the currently selected pad. This is a great way to use both a pad controller, which has Focus Actions assigned to trigger pads, and a keyboard controller, to quickly play a melodic instrument.

This mode is enabled by default, see the Settings screen, “Settings & Behaviors” tab.



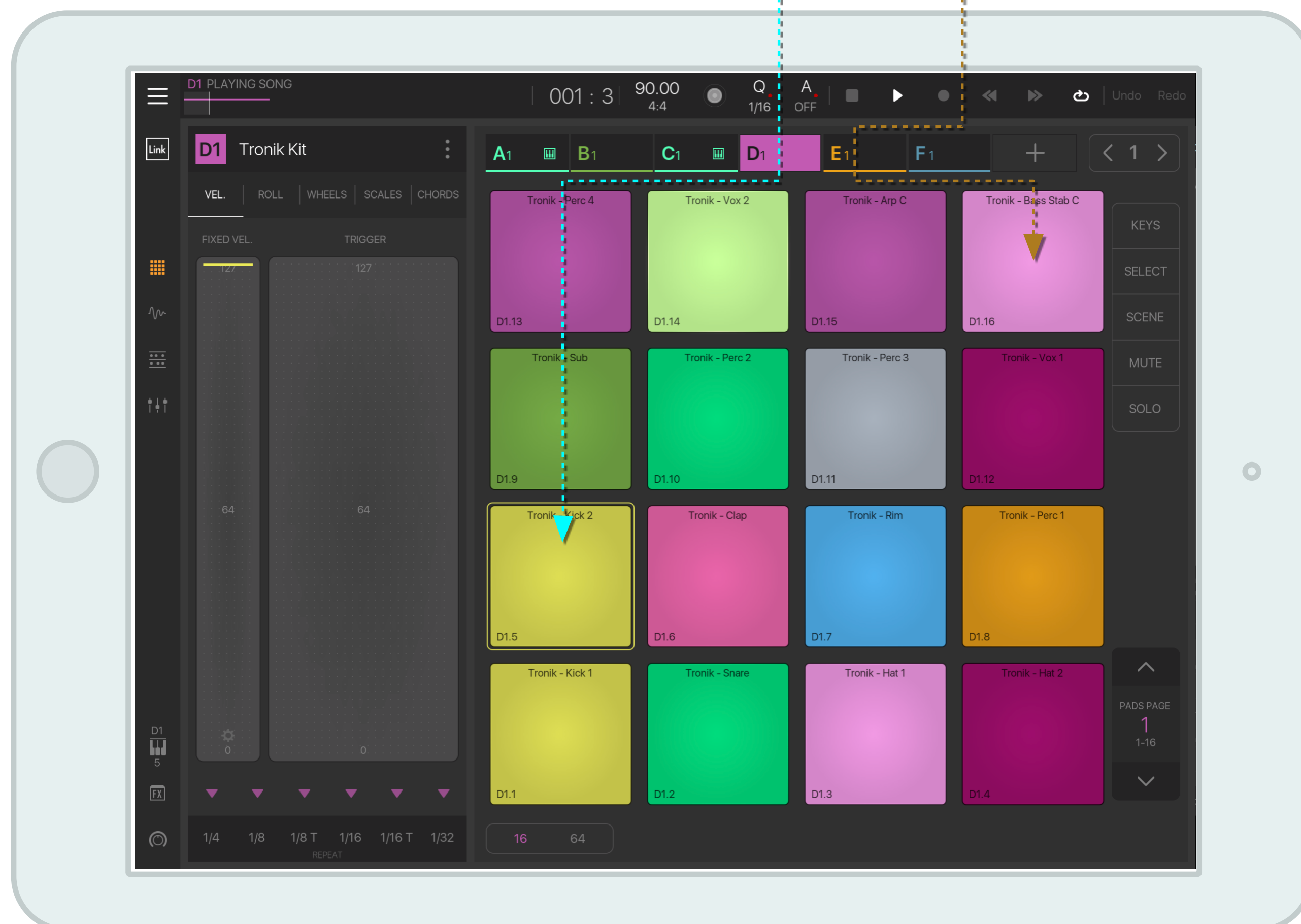
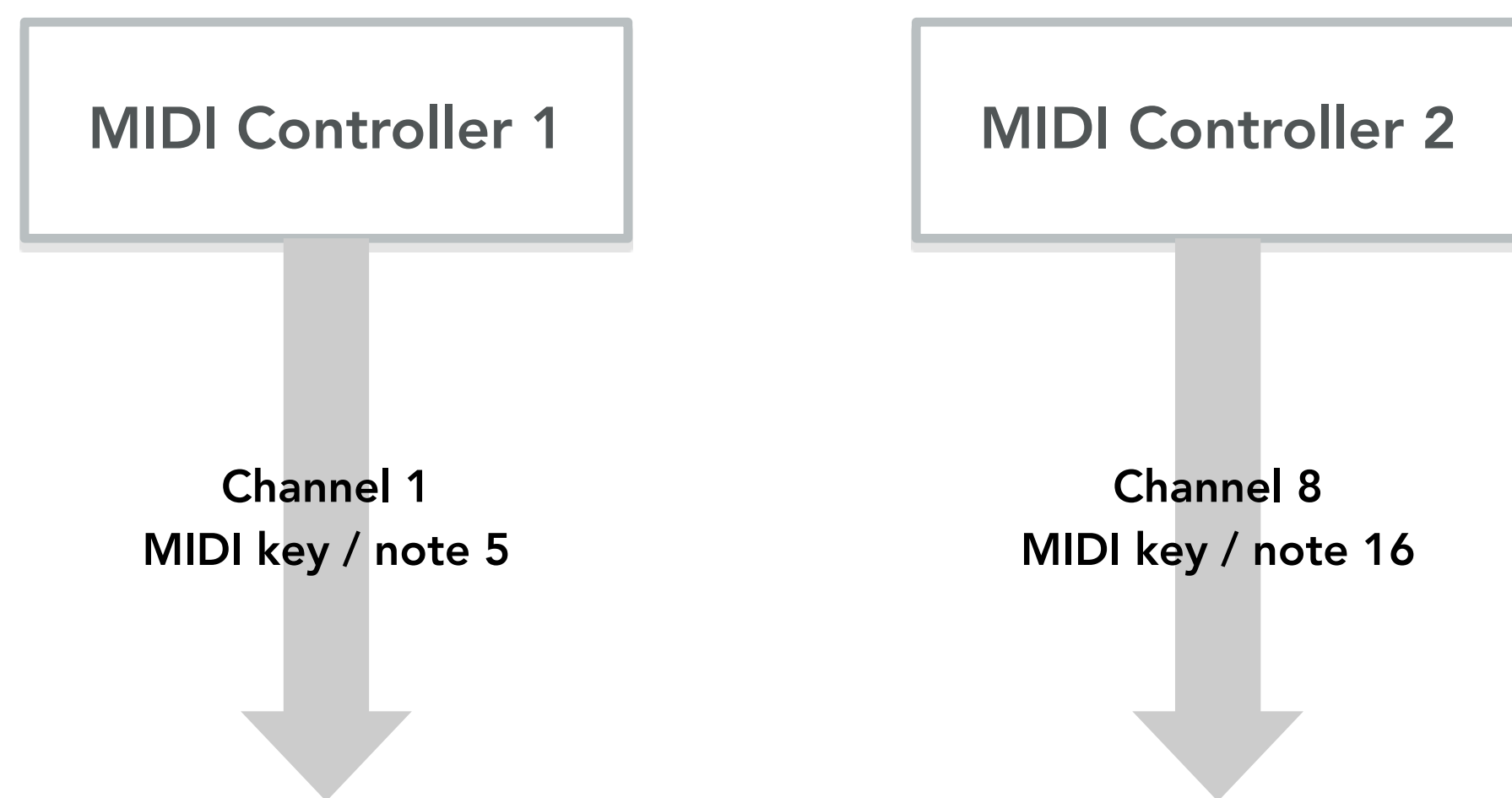
Single Channel Mode for Banks

This is the default mode for banks. Routing takes place if the incoming MIDI messages are not handled by existing Focus Actions. Routing is done using the selected input device (or all) and MIDI channel, regardless of the currently selected bank or track.

In this mode, the MIDI key is associated to the destination pad. For example, if you press C3 (MIDI note 60) on your controller, then pad 61 will be triggered (Since MIDI Note 0 triggers Pad 1). The bank listens to a single MIDI channel or all channels at once. The pad “Base Key” setting will be used.

If you set the bank in KEYS mode, then the selected pad will play chromatically (and regardless of the pad “Base Key” value).

NOTE: It is advised to disable the “Route All MIDI To selected Pad” (OMNI) option in this mode (in “Settings & Behaviors”)



Bank D1 listens on MIDI Controller 1, Channel 1
Bank E1 listens on MIDI Controller 2, Channel 8

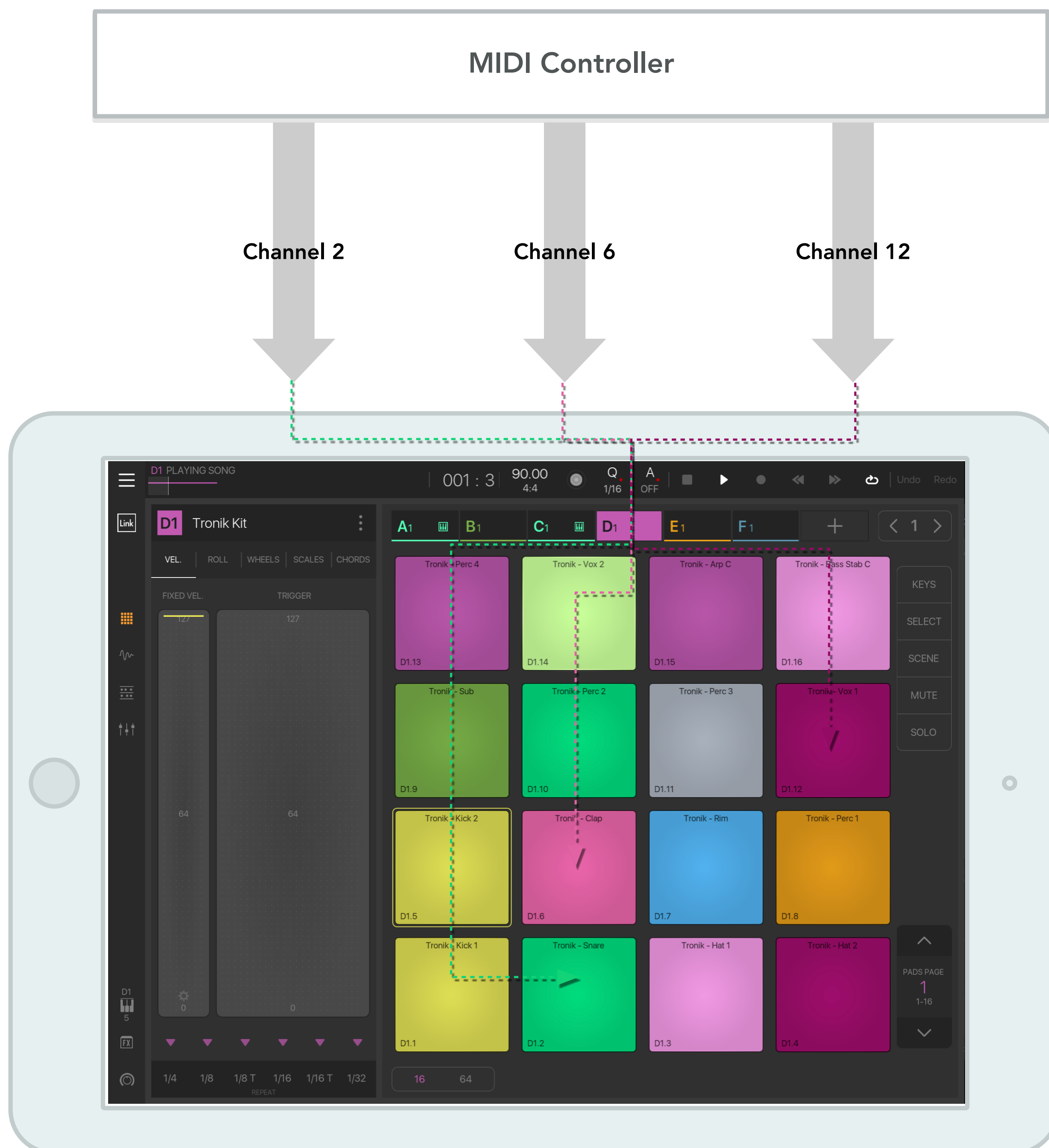
Multi Channel Mode for Banks

This is an alternative routing mode for banks if the incoming MIDI messages are not handled by Focus Actions. Routing is done using the selected input device (or all), regardless of the currently selected bank or track.

In this mode, the MIDI channel is used to route MIDI data to the destination pad. For example, MIDI messages sent on channel 3 will be directed to pad #3. In this mode, the Bank listens on all channels.

Each pad will play chromatically, regardless of KEYS mode. This is useful if you have multiple melodic instruments loaded across pads on the same bank, since the MIDI note on / off key will be left untouched.

NOTE: It is advised to disable the “Route All MIDI To selected Pad” (OMNI) option in this mode (in “Settings & Behaviors”)



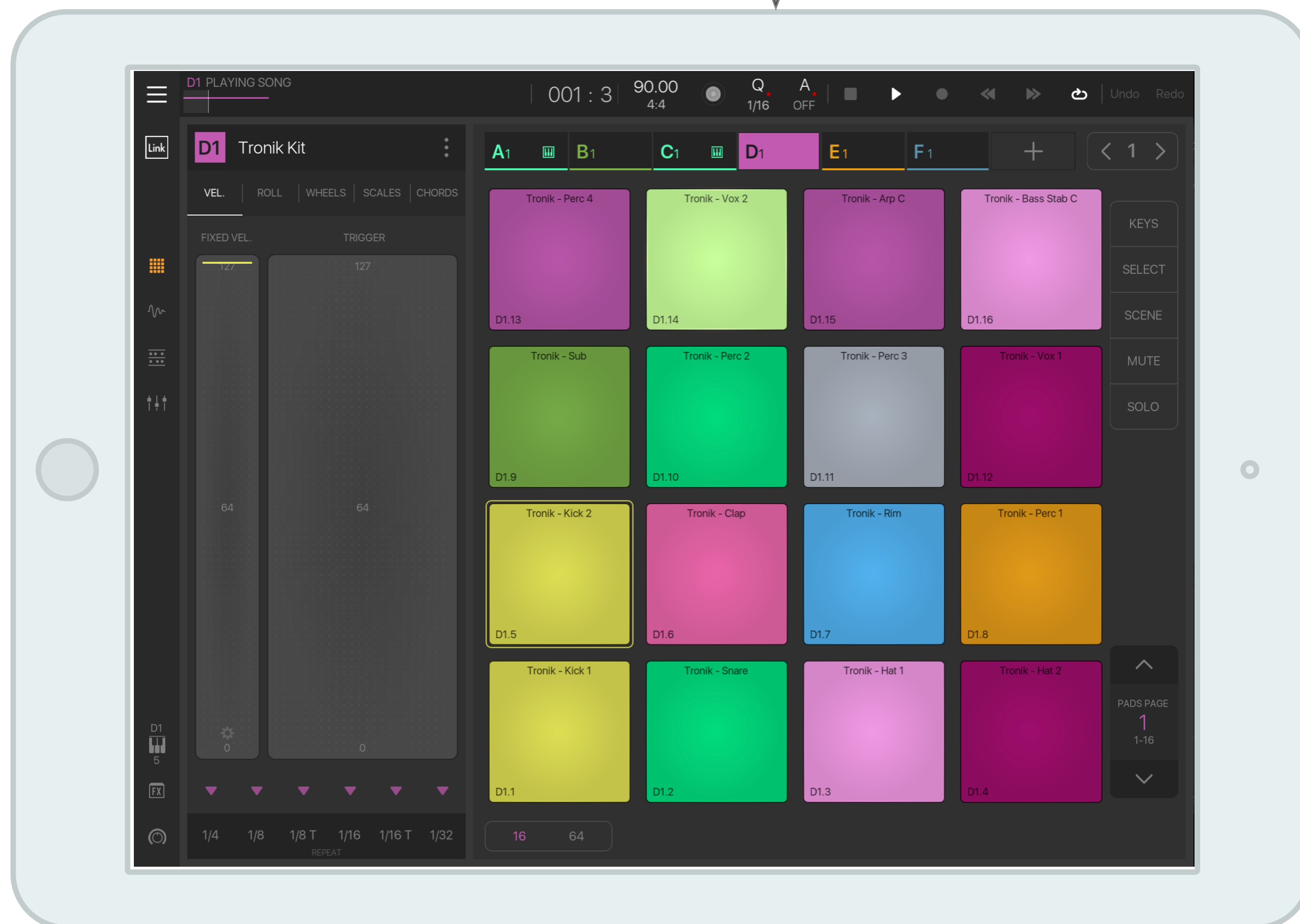
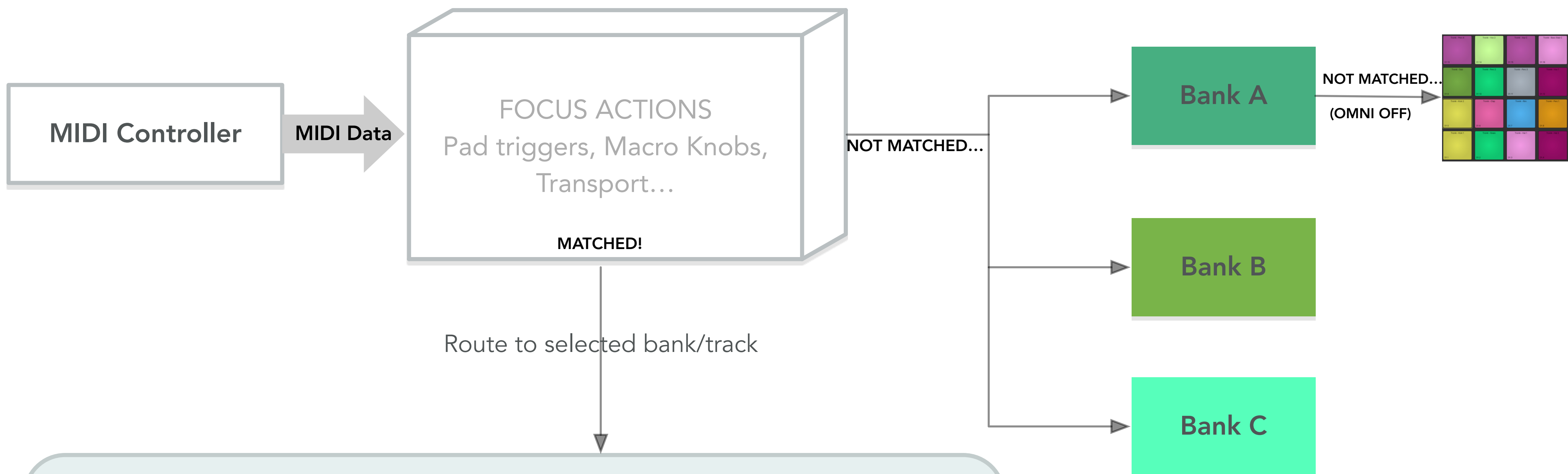
Routing priorities

Incoming MIDI data is routed with different priorities.

Focus actions are always prioritized, so, if an action matches the Key or CC that it was assigned to, the message is “handled” and routed to the currently selected track / bank.

If not, the message is passed through all banks, matching their configuration, which consist of:

- An input device (<ALL>, or a specific MIDI device)
- The bank mode: Single Channel or Multi Channel
- The MIDI data (in single channel mode, note number routes to the specific pad, in multi channel mode, channel number routes to the specific pad)



MIDI is dispatched to each bank.

It is also dispatched to Pads if it doesn't match the Bank setting (only when OMNI is off).

If a Pad matches the MIDI input device, and the channel, then it is routed to it.

This allows extremely flexible MIDI setups, where a single Pad can be controlled differently regardless of the Bank configuration.