

## **Using the Spectrum Intelligent Filter with the Hub – Updated 8.14.19**

We made a decision to support a very large number of parameters in each Spectrum preset. This has made Spectrum presets very powerful. However, the number of parameters is twice as much as what is currently supported in a multi-pedal Hub “Scene”. We believe that the long-term benefits of powerful Spectrum presets are more important with near term 100% Hub Scene support.

### **What is currently supported**

MIDI Controller >> Hub >> Spectrum

- Set your Spectrum’s MIDI channel in the Spectrum Hardware Options menu in the Neuro Desktop or Mobile Editor.
- Hub can be on any channel.
- MIDI CCs can be sent to the Spectrum through the Hub. See the MIDI Map in the Desktop Editor AND the Spectrum Manual. CC103 and CC104 can select Spectrum Presets!
- MIDI PCs are not sent through the Hub to the Spectrum.

MIDI Controller with Host USB (Disaster Area)

- All of the items in the section above
- MIDI PCs are supported (for now, on MIDI channel 1 only).

### **What is NOT currently supported**

MIDI Controller >> Hub >> Spectrum

- The Neuro Desktop Editor cannot see the Spectrum through the Hub. One must connect the Editor directly to the Spectrum via USB
- The Spectrum cannot be added to a Hub Scene. But, one can create a MIDI macro that sends a PC to the Hub and a CC to the C4 with the appropriate preset location.

### **Next Steps**

We are currently assessing the difficulty of updating the Hub to support the larger Spectrum presets. We hope to issue updated Hub firmware as soon as possible. We will share the timeline as soon as this step is taken.