

## Ocean Swift Synthesis - Hello Perc



Percussion synthesizer based on filtered noise.

### Controls

**Midi Channel:** The midi channel the device will respond to.

**BPM:** Sets the BPM for the synth. This is the tempo from which the divider will divide.

**Decay:** The Decay of the envelope. Controls the amp directly, and the filter as a modulator through the Env knob.

**Slope:** The slope of the Decay knob.

**Decay Mod:** Adds a random element to the Decay value. Only positive modulation is possible, meaning the Decay can become longer but can not become shorter. This knob controls the range of the modulation.

**Type:** Filter type choice between six options. Lowpass, bandpass and highpass in 24db or 12db configurations.

**Cut:** The cutoff point of the filter

**Q:** The resonance quality of the filter

**Env:** Depth of modulation applied by the envelope to the filter.

**KBT:** Midi note tracking of the filter cutoff. On Center position no tracking occurs.

**Mod:** Depth of modulation applied to the filter cutoff by the randomizer LFO.

**Divider:** BPM based division that controls the rate of modulation of the randomizer LFO when sync mode is turned on.

**Rate:** The rate of modulation of the randomizer LFO when sync mode is turned off.

**Sync:** Turns on or off the sync mode of the randomizer LFO.

### **Credits**

**Circuit Design:** Yaron Eshkar

**Gui Design:** Fernando Abreu

### **Web**

<http://www.oceanswift.net>

<https://www.facebook.com/oceanswifthsynthesis/>