

## Ocean Swift Synthesis - Scope Commander



Scope Commander is a comprehensive MIDI CC controller and randomizer with an extensive feature set and multiple controller banks allowing for a number of clever ways for getting quirky with Scope or any MIDI capable external hardware or software devices.

### Main Window Controls

**Commander A-D:** Buttons for opening the windows of the four MIDI CC commander banks.

**Program Change A-D:** Buttons for opening the windows of the four MIDI program change banks.

**Groups:** Button for opening the window of the groups section.

**Reference:** Button for opening a window displaying a General MIDI reference chart.

**BPM:** BPM Setting for the device, affecting the LFO divisions in the groups section.

**MIDI:** Incoming MIDI channel from which gate messages are sent to the groups section affecting the retriggering of the LFOS.

## Commander Controls



**On:** Turns each commander section of 16 channels on or off. Conserves DSP usage when turned off.

**Chan:** The MIDI channel that the channel will transmit to.

**CC:** The MIDI CC number in standard MIDI range of 0-127 that the device will transmit to.

**Value:** The value in standard MIDI range of 0-127 of the selected CC number.

**Rand:** Hitting this button will randomize the value of the value knob, within the range set with the range knob.

**Range:** The maximum range of the value knob. Can be set from 0-127. The minimum value is always 0.

**Group:** Assigns the channel to a group from A-E (or to no group), enabling multiple channels to be controlled from a single group randomizer and/or LFO.

**Source:** Indicates whether the channel will control via CC a knob or a button. Button mode is optimized for Scope usage with the outgoing MIDI CC values corresponding to the usual Scope convention for 2-state buttons.

**Label:** Each channel can be given a short name or description. Stored with presets.

## Groups Controls



**On:** Turns the groups section on or off. Conserves DSP usage when turned off.

**Div:** The speed of the LFO. Measure divisions based on the device's BPM setting.

**LFO:** Toggle for turning the LFO on and off.

**Retrig:** Allows for retriggering of the LFO based on incoming gates coming from the MDI channel set in the gate chan parameter.

**Rand:** Hitting this button will randomize the values of the value knobs of all the commander channels set to that group.

**Chan:** Allows for setting every single one of the commander channels and program change channels (in all sections) with one knob.

**Range:** Allows for setting every single one of the commander channel's and program change channel's value ranges (in all sections) with one knob.

## Program Change Controls



**On:** Turns each program change section of 8 channels on or off. Conserves DSP usage when turned off.

**Chan:** The MIDI channel that the channel will transmit to.

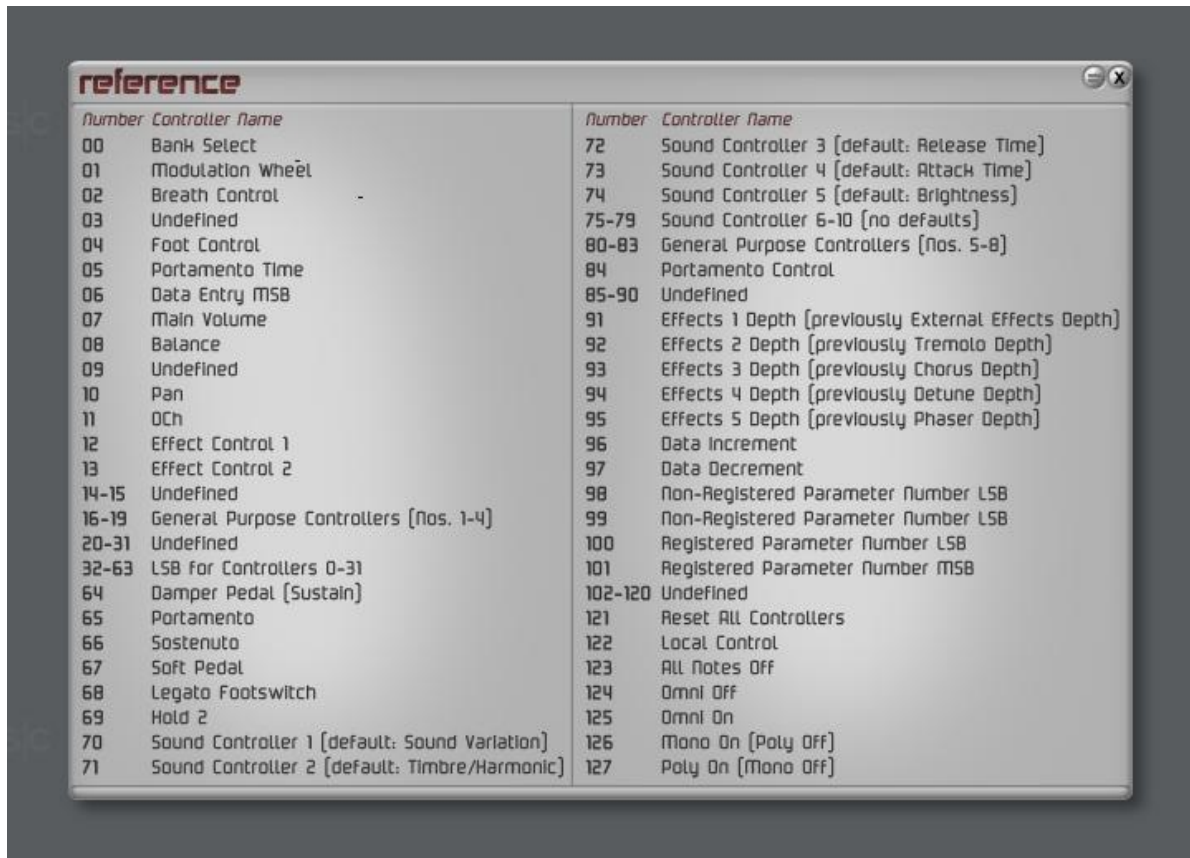
**Value:** The value (preset number) in standard MIDI range of 0-127.

**Rand:** Hitting this button will randomize the value of the value knob, within the range set with the range knob.

**Range:** The maximum range of the value knob. Can be set from 0-127. The minimum value is always 0.

**Group:** Assigns the channel to a group from A-E (or to no group), enabling multiple channels to be controlled from a single group randomizer and/or LFO.

**Label:** Each channel can be given a short name or description. Stored with presets.



**Credits:**

**Circuit Design:** Yaron Eshkar

**Gui Design:** Fernando Abreu

**Web:**

<http://www.oceanswift.net>

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