

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.

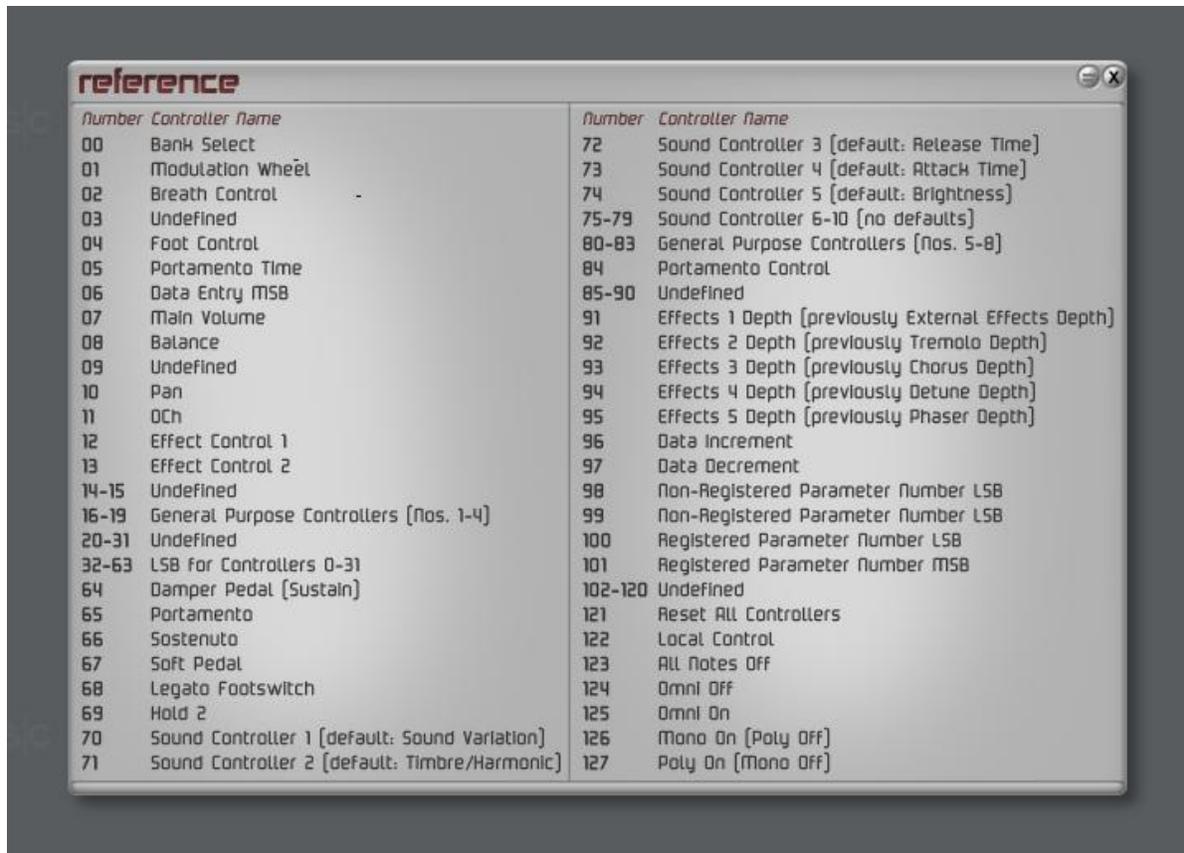
Value: The value (preset number) in standard MIDI range of 0-127.

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/>