

Specifications

GENERATE

Triggers on rising edge. Expects 0V to +10V input.

TUNE PARAMETERS

INCLUDES COMPLEXITY, ROUNDNESS, HARMONICS, FORMANTS, AND DETUNE INPUTS.

CV Input Range: -10V to +10V.

Knobs and CV Inputs are mixed together. The full range of a parameter is 10V (Outside a 10V range, parameter will saturate).

V/OCT

Input Voltage Range: 0V to +10V.

V/OCT tolerance: +/-3 cents (typical)

OUT

VCO Mode: 20Hz to 20kHz.*

LFO Mode: 0.016 Hz to 20Hz

[1x/minute - 20x/second]

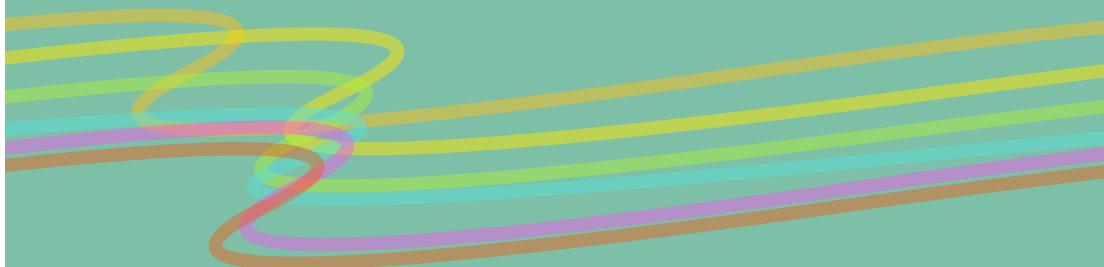
*Digital artifacts and noise increases with frequency.

LFO Mode (Low Frequency Oscillator)

To make Rosci an LFO, ensure everything is powered off and unplug Rosci. Locate the “VCO” and “LFO” labels on the back. Move the jumper to the LFO pins. When powered back on, Rosci will be in LFO mode.

Rosci User Manual

For Rosci Rev 3



You Should Have:

1x Rosci Module
2x Mounting Screws
1x Power Cable

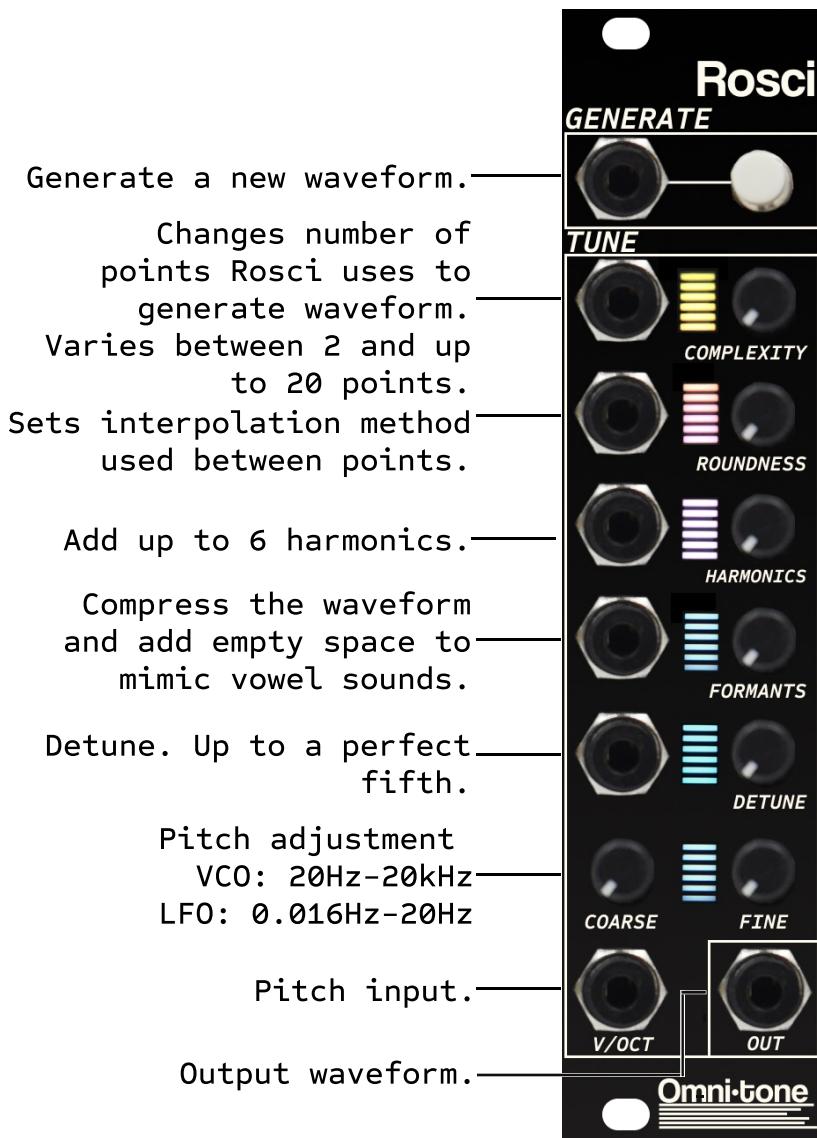
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Email: Info@Omnitone.ca

Be Safe:

Power off your system during install, and anytime you're moving modules. Don't touch electronics while powered on.

Module Walkthrough



Getting Started

1. Connect Rosci to your case using the provided screws and power cable.
 - a. The red wire on the power cable should be oriented to the -12V label on the module.
2. Connect to the rest of your system as you please!

Tuning your Rosci

1. Ensure coarse and fine tune knobs on Rosci are set to minimum. On power up, hold Rosci's generate button until the lights flash.
2. The lights will turn red. You can adjust the coarse and fine knobs to hear audible frequencies. Using a CV source, send Rosci (V/oct jack) a voltage (example: 2V). Then, press the generate button.
3. The lights will flash, then turn green. Using a CV source, send Rosci a voltage 2V above the first voltage (example: 4V). Press the generate button.
4. Rosci should transition to multi-color lights and assume normal operation. Enjoy!
*Recommended to not use 0V or 10V for tuning.