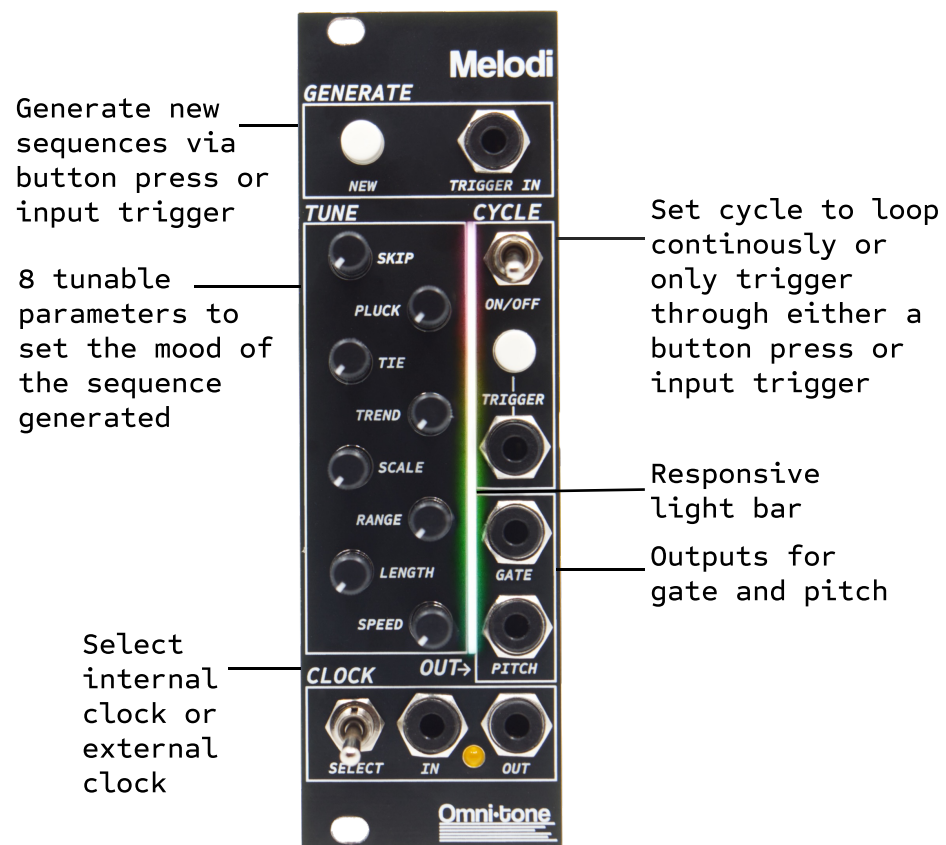


## Getting Started

1. Connect Melodi 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!

## Section Walkthrough



# Melodi User Manual

*For Melodi Rev 2.4*

### You Should Have:

- 1x Melodi Module
- 4x Mounting Screws
- 1x Power Cable

### Connect with us!

- @Omnitone\_music
- @Omnitone\_music
- Omnitone.ca
- Info@Omnitone.ca

### Be Safe:

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

## Tuning Routine

\*Should only need to be performed once upon arrival, as long as module remains in similar conditions such that it remains in tune.

1. Power off Melodi.
2. Power back on while holding both the NEW and cycle TRIGGER button until the clock LED flashes.
3. Connect the pitch output to a 1V/octave VCO.
4. Adjust the pitch of the VCO to tune it to the nearest semitone using an external tuner (e.g. C2).
5. Press NEW button in Melodi's generate section.
6. Melodi will play a note two octaves above the previously played note. Use the skip knob to tune the note to the same as the previous (e.g. C4) using an external tuner.
7. When complete, press the cycle TRIGGER button until the clock LED flashes. This will save the tuning so you don't have to retune again.

## Parameter Walkthrough

### Generate

1. NEW – will prompt Melodi to generate a new sequence. When a new sequence is generated, there is an LED animation.
2. TRIGGER IN – accepts a trigger to prompt Melodi to generate a new sequence.

### Cycle

1. ON/OFF – determines if the sequence will loop or require retriggering.
2. TRIGGER – button and jack trigger the sequence to restart at the beginning.



Parameter walkthrough on Youtube!

## Quick Note on Scales

Melodi's scales set specific intervals between notes, not the absolute pitch (use your VCO to tune the absolute scale by turning length to 1).

## Tune

\* While adjusting tunable parameters, the light bar will reflect the current selection. For continuous parameters the light bar shows 'progress' from 0-100%, for quantized parameters the light bar shows steps.

1. SKIP (LIVE) – sets the probability that a note will be skipped in a sequence.
2. PLUCK (LIVE) – sets the length of the gate.
3. TIE (LIVE) – sets the probability that a note gets tied to the next.
4. TREND – sets whether the sequence pitch trends upwards, downwards or ping-pong.
5. SCALE – select the quantization of the notes used in the sequence. Choose from perfect notes, pentatonic scale, blues scale, diatonic scale, chromatic scale and completely unquantized.
6. RANGE – sets the range of notes from 1 to 4 octaves
7. LENGTH (LIVE) – select the number of notes to play in a sequence (from 1-16, or infinitely generating at the max position). Purple light bar indicates infinite sequence. If length is not set to infinite but turned up to infinite during a sequence playing, you will not lose your sequence. Infinite sequences are only enabled when length is set to infinite before generate is triggered.
8. SPEED (LIVE) – sets the tempo of the internal clock, between 20 and 2000 BPM.  
\*Gate will always be calculated % of the internal clock

### Out

1. GATE – outputs the gate of the notes in the sequence.
2. PITCH – outputs the pitch (in V/OCT) of the sequence.

### Clock

1. SELECT – Internal clock when switch it up, external clock when switch is down.
2. IN – connect external clock signal.
3. OUT – output clock signal.