



Introduction

Soleil POD is a tiny Lo-Fi MIDI String Synth table-top box, capable of playing 4 paraphonic notes with 2 oscillator ranks per note. The second rank can be detuned. Waveforms are continuously variable from sawtooth thru variable pulse widths. All sounds share a single A/R envelope.

Soleil responds to MIDI Pitch Bend and Modulation, and has a built-in modulation / vibrato oscillator, the depth of which responds to the MIDI Mod Wheel.

MIDI Channel Assignment

As shipped, **Soleil's** MIDI channel defaults to Channel 1 but can be reset with a simple sequence from your MIDI keyboard.

To assign a new MIDI channel to the Soleil, first unplug / power off your Soleil and connect your powered-up MIDI keyboard, set to the desired MIDI channel. Now hold down any note, apply power to the Soleil. During the first 2 seconds while the MIDI LED is flashing, simply release the key you're holding, which causes a MIDI NOTE OFF on the desired channel. Your Soleil is now set to your keyboard's MIDI channel.

Requires (not included)

+8 to +18 VDC filtered power supply, > 50ma. 2.1mm coaxial plug, center positive.

MIDI TRS 3.5mm cable or adapter, meeting MIDI Type-A wiring.

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Soleil Pod Data Sheet, Rev 1.0

Soleil Pod - Specifications At A Glance

Model	Soleil Pod
Function	Lo-Fi MIDI String Synth table-top box
Controls	Fine Tune Detune Wave Modulation Rate Attack Rate Decay Rate Volume
Inputs	3.5mm MIDI TRS Type "A" Standard wiring 2.1mm Power
Outputs	Audio Out - ~2V peak-to-peak Gate Out - 0 to +5V
Indicator LEDs	MIDI Activity Gate Active
Fine Tune Range	Approx. +/- 1 semitone
Pitch Bend Range	Approx. +/- 1 semitone
Modulation Range	Approx. +/- 1 semitone
Detune Range	Unison to about 1 semitone
MIDI Implementation	Note On, Note Off, Running Status Mod Wheel: 176 (B0 hex) Pitch Bend: 224 (E0 hex)
Power	2.1mm Coaxial, +8 to +18V DC Center positive, reverse polarity protected
Size	4.5" W x 2.4" H x 1.25" D (not including pot shafts)

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