

Despite its complexity, the Solaris is a joy to program. I'm happy it exists.

This update is adding ten presets. It's named the »Sakrament Release« after the last preset programmed, while others added also have a sacred character.

Since I figured out how to program the performance knobs, most presets now allow to adjust the delay by knob 5.



N°	Preset	Remark
0	Softy	Nothing special. I just was curious how a sawtooth sounds after passing a lag processor. And the Solaris can do :) .
1	Diet Brass	This sound was created „by accident“ while playing with the Solaris' ring modulator.
2	Diet Bagpipe	Just an effects patch which uses the loop envelope generator to alter the pitch of the oscillator. I did this ages ago on a Waldorf Microwave. The modulation wheel speeds it up, but since it does not do this in realtime it requires to retrigger the notes.
3	Papa & Mama Lied	A lead sound modeled after a sound called »Pan ce« I used excessively on the Virus. This sound is close, but not yet close enough to the original. And it's missing the overdrive effect before the delay. Note that instead of an LFO, Osc4 applies the vibrato, based on a wave from the wavetables. Thanks John for the incredible frequency range of the oscillators :) .
4	Sine Solo MW	A patch I created on the Virus some time ago. It's not exactly a sine wave. Instead, the sine wave modulates its very own frequency to add harmonics. Move the modulation wheel while playing to accentuate particular notes by some »feedback« effect. Button 1 shifts the frequency of the „feedback“ oscillator by a fifth. Button 2 applies portamento. Ribbon applies (and holds) Vibrato.
5	TriSquare Solo MW	Basically the same as Sine Solo MW. The same modulation hints apply.
6	Diet Lead	The sound uses ring modulation. The joystick can be used to fade the 2nd oscillator in and out. The buttons shift its frequency by an octave and a fifth, respectively.
7	Brassica Lead	Nomen est omen. Use the buttons for octavation and portamento. The modulation wheel opens the filter, and the ribbon controller applies (and holds) vibrato.
8	Jewel Clarinets	This sound does <i>not</i> use any oscillator. You are listening to one of the Solaris' filters alone. Sweet and mellow. Incredible.
9	Jewel Clarinet	I was after this sound for decades. The Solaris brought it to us. What a joy! In case you find it boring, listen to the tune »Jewel inside a dream« as performed by Al Di Meola and Jan Hammer in 1981's album »Electric Rendezvous«. After that, get used to the expression pedal, the assignable button 2 (portamento), the modulation wheel and so on.

10	Juwel Ring	The same source as Jewel Clarinet, but using ring modulation. Less sweet and mellow :) .
11	Wamba Lead	A simple pulse wave lead sound. Listen to the solo at the end of »Wamba« by Salif Keita as published on the album »Soro«.
12	Spittin' Oldtimer	A simple lead sound. Thanks for the Mini emulations, John :) .
13	Solaris' Heaven	Some first attempt to put the Solaris' FM capabilities to good use led to this sound.
14	Hohner's	A percussive sound – surprise, surprise :) . The modulation wheel applies tremolo. Button one adds filter wah in addition to the tremolo.
15	Verbogenes Blech	Translates like »Bend iron sheet«. This sound also uses FM. Additionally, LFO3 modulates the oscillators, while the LFO's level and frequency are both modulated by an envelope. Yes, sometimes I miss modulation routings on the Solaris, but most of the time I'm quite impressed what capabilities already exist. Thanks John.
16	Bird Lead 2	Button 1 shifts the 2 <sup>nd</sup> oscillator by a 5 <sup>th</sup> (audible only in case the modulation wheel is open). Button 2 adds portamento.
17	Bird Lead 3	Button 1 applies octavation to the 3rd oscillator, button 2 adds portamento. Use the modulation wheel in conjunction with an expression pedal to accentuate individual notes to gain some fun.
18	Joe's Slivovitz	This sound is dedicated to Joe Zawinul. The solo in the 2 <sup>nd</sup> part of »Bimoya« as published on the album »My people« is one of my all time favorites. Did I mention already I miss an overdrive on the Solaris :) ? Use the expression pedal and the modulation wheel to get started. Note this is not a sync sound. Instead, the modulation uses a band pass filter. One of the best sounds I squeezed out of the machine so far.
19	Minimalist Parts	The Part buttons enable different basic waveforms. The modulation wheel opens the filter. The ribbon applies (and holds) vibrato. Button 2 applies portamento.
20	Minimal Rotation	Similar to Minimal Parts. But this time the basic waveforms are routed through a rotor.
21	Duel Pad RTF	Modeled after a string sound as used by Chick Corea in »Duel Of The Jester And Tyrant« as published by Return to forever on the album »Romantic Warrior«. It's one of my all time favorite compositions. The buttons shift one oscillator by an octave respectively a 5 <sup>th</sup> . The modulation wheel opens the filter.
22	Ladder Lead	Ribbon opens (and holds) the filter.
23	Manticore's Tale	I use this sound to tell mystic medieval tales :) . Velocity and modulation wheel both add some ring modulation, best heard around middle »c«. The modulation wheel additionally applies some light vibrato. Button 1 shifts an oscillator by an octave and a fifth, button 2 applies portamento.

24	Manticore's Pad	A pad sound derived from the former sound. Note that it is velocity sensitive concerning the filter envelope and its attack time. Button 1 shifts an oscillator by an octave and a fifth.
25	Manticore's Horns	One further derivative.
26	Manticore's Victim	Derived „by accident“ from the former sound. I like its vocal qualities. The sound is velocity sensitive. In conjunction with the modulation wheel, particular notes can be emphasized. Similar to »Manticore's Tale« it can be used to tell stories :) .
27	The Psalter	Accidental result of experimenting with the comb filter.
28	Unda Maris Pad	
29	Cold November Pad	
30	Hautbois	The Ribbon controller is stepped to one semitone, regardless where you touch it. This is achieved by abusing the envelope follower as a quantizer.
31	Liebliches Blech	A brass like pad sound. Button one adds an octave. The ribbon is stepped to one semitone.
32	Seventy Horsewhips	
33	Eighty Horsewhips	Button one adds a fifth.
34	Sweet Saw	A sound similar to one I once found in a KingKorg (sound 273). Button one adds a fifth, button two enables portamento.
35	Lovely Seventies	Similar to the one above. Button one adds a sub octave, button two enables portamento.
36	Sakrament	A sound similar to one I once programmed using the organ model of the Korg Z1. Three sinewave oscillators are used to add harmonics. Buttons one (fifth) and two (third) shift the pitch of those to slightly alter the sound.

The presets are provided free of charge, free to use for any purpose (e.g. »Public Domain«).

As a reward, I'm interested in feedback and derived works (patches, audio files).

Enjoy your Solaris,

ce