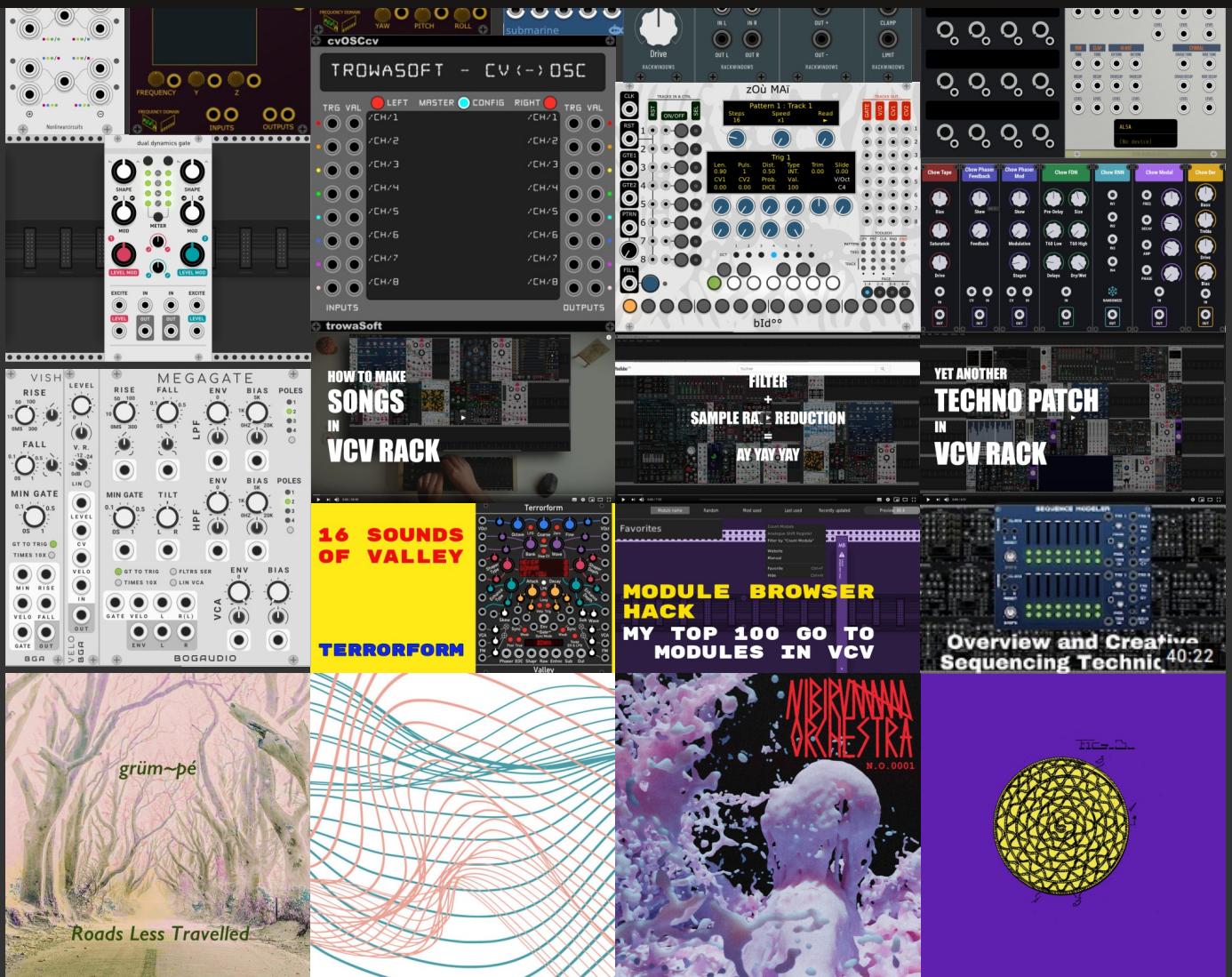


#37/2020

NEWS of the RACK VCV



key events • new modules • developer news • module videos • contests • and more



Hello everyone in Rackland,

welcome to the 3rd dimension.

For me, a waveform was always something two-dimensional, determined by frequency and amplitude. Of course, a room has 3 dimensions, which the VCV Sound Stage reverb module reminded us of. For me, wavetables only had one row and one column as an address, just like every table, i.e. an X and a Y coordinate.

And then Frequency Domain's Ball of Confusion came along and I don't even want to pretend I understand this module. For me it is simply a miracle that each point in this virtual sphere represents its own waveform. If I understood it correctly, there are 2048 points per wavetable, i.e. 2048 waveforms that can somehow merge into one another, although I can just imagine an interpolation. But there are three more morph modes and that means I'm out.

And I had just accepted that there are things I will never understand when the 3D filter Box of Revelation was also released by Frequency Domain. I have to admit, I didn't deal with the underlying Eurorack module, because hardware is no longer an issue for me, but years ago I had an E-mu Morpheus and to this day I did not know what a fantastic filter architecture was implemented there . Sure, back then it was still a one-dimensional interpolation, but the foundation was laid. The Eurorack module of the same name works with three-dimensional cubes and so does the Box of Revelation. And the best thing is, you can create your own cubes with the VCV rack version by editing the json file. Perhaps I should take a closer look at this module.

And now for the news

Developer News & other News



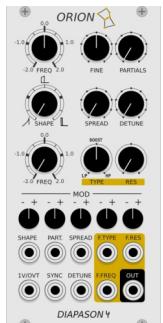
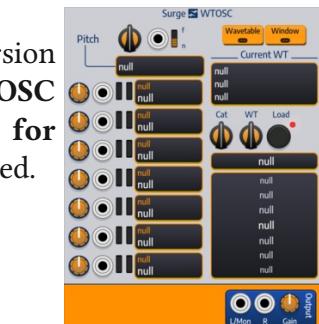
Audible Instruments crowdfunding goes into the next round. This time the subject is **Mutable Instruments Streams**, a 2-channel dynamics processor with analog VCF/VCA. Streams can be used as an envelope generator, vactrol, envelope follower, compressor and more. Fundraising has just started and will run until **September 27th**.

In the current version **1.7.1.2**, a bug in the **WTOSC** module of the **Surge for Rack** plugin has been fixed.



Bidoo is also continuing to work on improving its modules. In version **1.1.25** it affects the sequencer **zOù MAï** again.

ChowDSP has also fixed bugs in its modules with version **1.2.1**.



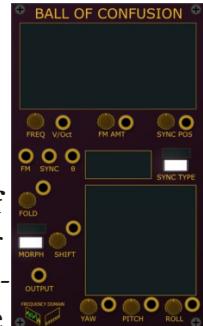
It will probably not be long before the developer **DIAPASON Modules** publishes his first module via the library. The **Orion** additive oscillator still has to be compiled by yourself.



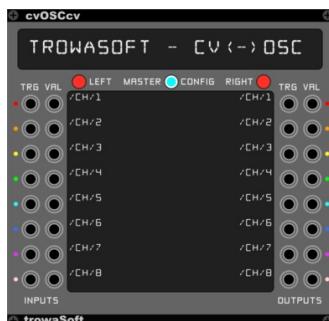
The same applies to the latest modules from **Bo-gaudio**, although there have been test versions in the past. **VISH** is an envelope generator with Vactrol, **VELO** a VCA and **MEGAGATE** a low and high pass gate.



Atelier's oscillator Palette has been optimized with version **1.0.3** and received new functions.



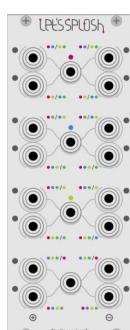
Frequency Domain's Ball of Confusion wavetable oscillator also received new options. Including a new morph mode and the possibility of wave folding. The current version number is **1.8.3**.



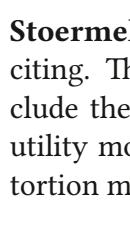
The open sound control module **cvOSCCv** from **trowaSoft** sometimes caused system crashes under Windows and Mac. This has been fixed in version **1.0.3**.



Beta-Versions (wip)



Nonlinear Circuits has another hardware clone in the pipeline. The **Let's Splosh** module still has to be compiled myself and as with the developer's other modules, I have no idea what this module does. That's why I call it an utility module and I assume that it will once again be a playground for creative people.



Stoermelder's ideas are always exciting. The latest nightly builds include the waveshaper **FACETS**, the utility module **MACRO** and the distortion module **RAW**.



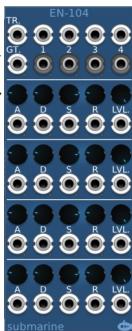


Rackwindows also provides binaries for all 3 platforms on its github page. **Console MM** is a new addition, a stereo mixer designed to work with **MindMelds MixMasters**. Further modules are the Equalizer **Rasp**, the Crossfader **Golem** and the Utility Module **Monitoring**.



Without prior notice, a module from the developer **MpSeries** appeared in the library this week and another one a few days later. **MpMapper** and **CV-09** are simply called controllers, the latter being specifically for the Roland TR-09.

A 4-way envelope generator with integrated VCA is new from **Submarine-Free**. As usual with Submarine, this has only an alphanumeric designation with **EN-104**.



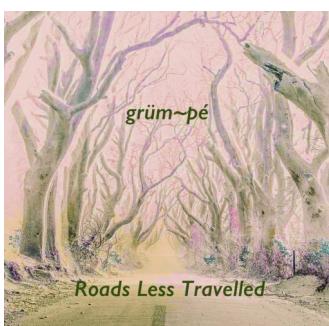
One thing that makes VCV-Rack so unique for me is the variety of filters and every time I think that nothing new can come up, a developer comes with a new module. As already mentioned in the foreword, the **Box of Revelations** from **Frequency Domain** bases on a hardware model, but having these options in a VCV rack is simply great. The description says 3D Cube Filter. On the github page it says "New cubes will be added" and this actually seems to have already been implemented in version **1.8.3**, which will soon be available in the library. At least it says in the changelog "added a couple more".

Music & Ideas

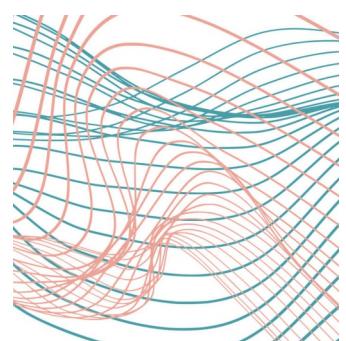
Playlist 37/2020:



grum~pe:
Roads Less Travelled



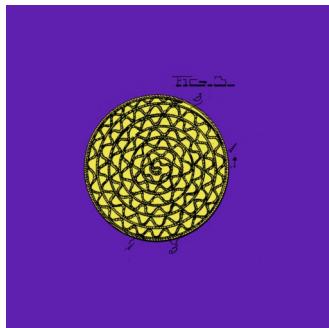
Fahmi M.:
Phase



Nibiru Orchestra:
N.O. 0001



Zeta Carinae:
Rotator



Omri Cohen:

5 Ways Of Adding Structure To Your Patches In VCV Rack



Creating a vocal formant speaking voice in VCV Rack



Techno with VCV Rack



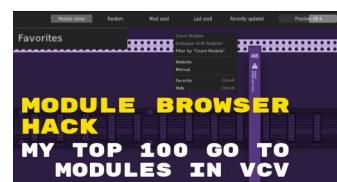
Videos & Tutorials

VCV Rack Ideas:

16 patches and patch notes with Valley Terrorform Wavetable Synth in VCV Rack



VCV Modules Browser HACK MOD || MY 100 GO TO MODULES overview



VCV Rack Renegade:

Sequence Modeler for VCV Rack by LifeFormModular - Overview and Creative Sequencing Techniques



Patches & Presets

blackearth:

Preserving the Future's Past
<https://patchstorage.com/preserving-the-futures-past/>

chaircrusher:

<https://community.vcvrack.com/uploads/short-url/nOH5rw1bfEAOr36NS3mXe6Fhfcj.vcv>

dagfutureyear:

Adjusturingdemo
<https://patchstorage.com/adjusturingdemo/>

deep-drone:

VCV Rack #58 Life is a crazy nut
<https://patchstorage.com/vcv-rack-58-life-is-a-crazy-nut/>

fausto serone:

short range
<https://patchstorage.com/short-range/>

hamptonio:

Rotator
<https://patchstorage.com/rotator/>

Kingkone_FPV:

Ripping on a good day
<https://patchstorage.com/ripping-on-a-good-day/>

klaussualk:

Mantra

<https://patchstorage.com/mantra/>

Creating a vocal formant speaking voice in VCV Rack

<https://patchstorage.com/creating-a-vocal-formant-speaking-voice-in-vcv-rack/>

Kleinemaschinen:

Dirty TB303

<https://patchstorage.com/dirty-tb303/>

pixi:

dark ambient background

<https://patchstorage.com/dark-ambient-background/>

Stasissci-Delusions

<https://patchstorage.com/stasissci-delusions/>

Roger Knights:

MS-20 Spacetech

<https://patchstorage.com/ms-20-spacetech/>

stasis

<https://patchstorage.com/stasis/>

Herr Roboter- SFX

<https://patchstorage.com/herr-roboter-sfx/>

tinyvcvpatches:

Tiny VCV Rack patch n°28

<https://patchstorage.com/tiny-vcv-rack-patch-n28/>

Distro Bass

<https://patchstorage.com/distro-bass/>

Tiny VCV Rack patch n°29

<https://patchstorage.com/tiny-vcv-rack-patch-n29/>

koma2000:

Rings with overdrive

<https://patchstorage.com/rings-with-overdrive/>

typical_analytical:

LifeFormModular Sequence Modeler Overview and Creative Sequencing Techniques (WITH Southpole)

<https://patchstorage.com/lifeformmodular-sequence-modeler-overview-and-creative-sequencing-techniques-with-southpole/>

Sunday Jam – Gridseq and Fate into Palette and Chronoblob

<https://patchstorage.com/sunday-jam-gridseq-and-fate-into-palette-and-chronoblob/>

LifeFormModular Sequence Modeler Overview and Creative Sequencing Techniques (without Southpole)

<https://patchstorage.com/lifeformmodular-sequence-modeler-overview-and-creative-sequencing-techniques-without-southpole/>

lunarine:

space-time ripples

<https://patchstorage.com/space-time-ripples/>

Generative Jazz-Style Improvisation Using ZERO Sequencers

<https://patchstorage.com/generative-jazz-style-improvisation-using-zero-sequencers/>

Nick Dutton:

Squinky Strings, Adagio and Fugue in C minor

<https://patchstorage.com/squinky-strings-adagio-and-fugue-in-c-minor/>

Omri_Cohen:

5 Ways Of Adding Structure To Your Patches In VCV Rack

<https://patchstorage.com/5-ways-of-adding-structure-to-your-patches-in-vcv-rack/>

	A	B	C	D	E
1	Developer	Vers.	Plugin Manager	Poly	Download
2	21kHz	1.0.1	x	x	
3	23volts	1.1.5	x	x	
4	1987	1.0.0			https://github.com/cfoulc/1987
5	8Mode	1.0.0			https://github.com/8Mode/8Mode-VCV_Modules/issues/4
6	Aaron Static	1.0.0	x		
7	Admiral	1.1.0	x		
8	Aepelzens Modules	0.6.0 dev			https://github.com/Aepelzen/Aepelzens
9	Aepelzens Parasites	0.6.0 dev			https://github.com/Aepelzen/AepelzensParasites.git
10	Ahornberg	1.2.0	x	x	
11	Alikins		x		
12	alto777 LFSR	1.0.0	x		
13	Alright Devices	1.0.3	x		
14	Amalgamated Harmonics	1.0.4	x	x	
15	AmateurResearch	0.6.0			https://github.com/MattKuebrich/AmateurResearch
16	Animated Circuits	1.0.0	x		
17	aP Modules	0.6.0			https://github.com/aptrn/aP-Modules.git
18	Arable Instruments	1.0.0	x		
19	Aria Salvatrice	1.7.0	x	x	
20	Aridacity	1.0.1	x	x	
21	arjo_modules	0.6.0	x		
22	AS	1.0.4	x		
23	AS Drums & Filters	1.0.2	x		
24	AS Seqs & Tools	1.0.2	x		
25	Atelier	1.0.3	x	x	
26	Audible Instruments	1.3.1	x	x	
27	Audible Instruments Preview	0.6.5	x		
28	Aunty Langton's - FREE	1.0.1	x		
29	Aura Audio	1.0.2	x		
30	Autinn	1.0.0	x	x	
31	Autodafe - REDs	1.0.0	x		
32	Autodafe - REDs FREE	1.0.0	x		
33	Autodafe Drum Kit	1.0.0	x		
34	Autodafe Module Pack	1.0.1	x		
35	av500	0.6.0	x		
36	Az-vcv	1.0.0	x		
37	Bacon Music	1.0.2	x	x	
38	Bargkass	0.6.0			https://github.com/korfuri/Bargkass.git
39	BB Modules	1.1.1	x		
40	BBI	0.6.0	x		
41	Beckstrom Research	0.6.0	x		
42	Befaco	1.0.1	x	(x)	
43	Bidoo	1.1.25	x	x	
44	Blamsoft	1.0.1	x	x	
45	Bogaudio	1.1.34	x	x	
46	Bokontep Byte Beat Machine	1.0.0	x		
47	CAO Plugs	1.0.0	x		https://github.com/caoliver/CAOplugs
48	Captain's Sounds	1.0.6	x	x	
49	Castle Rocktronics	0.6.0	x		
50	Catromodulo	1.0.3	x		
51	Catrom/Blanco	1.0.0	x		
52	cf	1.1.1	x		
53	Charred Desert	1.3.1	x		
54	Chiptuner	1.0.0	x		
55	Chords	1.2.0	x	x	
56	Chortling Hamster Modules	1.1.2	x		
57	ChowDSP	1.2.1	x		
58	Circlefade	1.0.0	x		
59	Coirt	1.2.5	x	x	
60	Collide	1.0.0			https://github.com/yilin-zhang/CollideModules
61	Computerscare Modules	1.3.0	x	x	
62	Console	1.0.1			
63	Count Modula	1.12.1	x	x	

	A	B	C	D	E
64	Creative Suite	1.1.1	x		
65	Crystal Palace	1.0.0	x		
66	Csound	1.0.0	x		https://github.com/dizzisound/VCV_Csound
67	Dark Alias (Friedrichs Audio) 1.0.0				https://gumroad.com/friedrichsaudio
68	dekstop	0.6.0	x		https://github.com/dekstop/vcvrackplugins_dekstop.git
69	dBiz	1.1.2	x		
70	Delexander	1.0.0493f79			https://github.com/anlexmatos/FM-Delexander
71	DHE Modules	1.2.0	x		
72	Diapason Modules	1.0.0			https://github.com/gle-bellier/Diapason-modules
73	Dintree	1.0.11	x		
74	Dlwigg1z	0.6.0			https://github.com/dirkleas/DL
75	Dopefed	1.0.0	x		https://github.com/Strum/dopefed
76	DrumKit	1.1.4	x		
77	DrumKit Pro	1.1.1	x		
78	Duffy Modular	1.0.0			https://github.com/dplduffy/DFYM
79	E-Series	1.0.2	x	x	
80	Edge	1.0.2	x	x	
81	eh_modules	0.6.1	x		
82	Entrian free	1.1.17	x		
83	Entrian Acoustic Drums	1.6.17	x		
84	Entrian Sequencers	1.1.17	x		
85	Erica	1.0.4	x		
86	Erik	1.0.0			https://github.com/gle-bellier/vcvModules
87	Erratic Instruments	0.6.2	x		
88	Evil Turtle Productions				https://www.evilturtle.nl/store/plugins/vcvpack.html
89	Expert Sleepers	1.0.0	x		
90	Fehler Fabrik	1.0.3			https://github.com/RCameron93/FehlerFabrik
91	FLOATS (Friedrichs Audio)	1.0.0			https://gumroad.com/friedrichsaudio
92	forsitan modulare	1.1.1		x	https://github.com/gosub/forsitan-modulare
93	FrankBuss	1.1.0	x	x	
94	Frequency Domain	1.8.3	x	x	
95	Frozen Wasteland	1.15.5	x	x	
96	Fundamental	1.4.0	x	x	
97	FV-1.emu	1.0.4	x		
98	Geodesics	1.2.0	x	x	
99	Glue the Giant	1.1.2	x	x	
100	GoodSheperd	1.1.0	x		
101	Grande	1.1.0	x	x	
102	Gatrix	0.6.0	x		
103	Grayscale	1.0.1	x		
104	Gweltoù	1.0.0			https://github.com/gweltoù/VCVRack_modules
105	Hammondegg's	0.6.0			https://github.com/hammondegg's/hammondegg'sModules
106	Hampton Harmonics	1.1.0	x	x	
107	HetrickCV	1.0.0	x		
108	Holonic Systems	1.0.5	x		
109	Hora	1.0.5	x	x	
110	Host	1.1.0	x	x	
111	Hot Bunny (Friedrichs Audio)	1.0.0			https://gumroad.com/friedrichsaudio
112	huaba	1.1.0			https://github.com/dhuber81/huaba
113	iggy.labs	1.1.1	x	x	
114	IlovePerlin	1.0.0	x		
115	Impromptu	1.1.8	x	x	
116	Interference	1.1.0	x		
117	Interrobang (Free)	1.0.2	x		
118	JE	1.0.0	x		
119	Jlmod	1.0.0	x		
120	JW-Modules	1.0.14	x	x	
121	KarateSnoopy	1.0.0	x		
122	KautenjaDSP Rack NES	1.4.2	x		
123	KautenjaDSP Potato Chips	1.6.2	x	x	
124	Klirrfactory	1.1.0		x	http://klirrfactory.com/
125	kocomoc	1.3.3	x	x	
126	Koralfx Modules	1.0.2	x		
127	Kosmodules	1.0.1	x		

	A	B	C	D	E
128	LabSeven	1.0.0	x		
129	LifeFormModular	1.1.0	x		
130	Lindenberg Research	1.3.3	x		
131	Little Utils	1.0.3	x		
132	Loco Modules	1.1.1			https://github.com/perky/LocoVCVModules
133	LOGinstruments	1.0.1	x		
134	Lomas Modules	1.0.9	x		
135	Loopus Modules	1.4.0	x		
136	luckyxxl	0.6.0	x		
137	Lunetta Modula	1.1.1	x	x	
138	manikk Free Modules	1.0.0	x		
139	Mantra	1.0.1	x		
140	Matthew Friedrichs	0.6.5	x		https://gumroad.com/friedrichsaudio
141	Meromorph	1.3.0			https://github.com/jdstimporter/VCV-Plugins
142	MicMusic	1.0.0	x		
143	MicroTools	0.6.0	x		
144	Milkrack	0.6.0			https://github.com/korfuri/Milkrack/releases
145	MindMeld	1.1.9	x	x	
146	ML modules	1.1.2	x	x	
147	Moaneschien	1.6.2b			https://github.com/Moaneschien/4rack
148	Mockba Modules	1.2.1	x	x	
149	Mockba Proton	1.0.7	x	x	
150	Mockba Model V	1.0.8	x	x	
151	Mockba Model X	1.0.7	x	x	
152	Mockba Modular Tools	1.0.2	x		
153	Mockba Special Vintage Oscillat	1.0.6	x	x	
154	Mog	1.1.1	x		
155	moDllz	1.1.6	x	x	
156	modular80	1.0.1	x		
157	Modular Fungi	1.1.4	x		
158	monome	1.0.0pre			https://github.com/Dewb/monome-rack
159	Mosquito Labs	1.1.1	x		
160	MpSeries	1.01	x		
161	MrLumps	1.0.0	x		
162	mscHack	1.0.2	x		
163	MSM	1.0.0	x		
164	mtsch	0.6.0	x		
165	MyLittle Tools	1.0.3	x		
166	NANO Modules	1.6.0.2	x	x	
167	NauModular	0.6.0	x		
168	NEX	1.1.1	x		
169	Niko	0.6.1			https://github.com/NikolajAndersson/
170	Nocturnal Encoder	1.0.0	x		
171	Nohmad	1.0.0	x		
172	NonLinearInstruments	1.0.0	x		
173	Nonlinear Circuits	1.0.0	x		
174	Noobhour modules	1.0.3	x	x	
175	NoraCodes	1.2.2	x		
176	nozoid	1.1.7	x		
177	Number9	1.2.1	x		
178	Nysthi	1.0.13	x	x	
179	Ohmer Modules	1.1.6	x	x	
180	Ohmer Premis	1.0.2	x		
181	OrangeLine	1.3.3	x		
182	Oxidlab Entferner Free Modules	1.0.3	x		
183	Oxidlab Entferner Modules	1.0.3	x		
184	Parable Instruments	1.0.0	x		
185	Paralis Modular	1.0.0			https://github.com/PaeiChe/Paralis-Modular
186	Parametra	1.0.0	x		
187	Patch & Tweak	1.0.0	x		
188	PdArray	1.0.5	x		
189	Personal Modules	1.0.0	x	x	
190	Pfzzz	1.1.0	x		
191	PG-Instruments	0.6.4	x		

	A	B	C	D	E
192	Prism	1.2.0	x		
193	Prok Modular	1.0.3	x	x	
194	Prototype	1.3.0	x		
195	Pulse Matrix	1.0.0	x		
196	PulsumQuadratum-SDR	0.6.0	x		
197	PS-PurrSoftware	1.0.8	x	x	
198	PvC	0.6.0	x		
199	Quadraphonics	0.6.3	x		
200	QuantalAudio	1.0.0	x		
201	Qwelk	1.0.0	x		
202	Racket-Science	1.1.0	x		
203	Rackwindows	1.1.2	x	x	
204	rcm	1.1.0	x		
205	rchoices	1.0.0	x		
206	Recorder	1.1.0	x		
207	Regen Modular	1.0.2	x	x	
208	repelzen	1.1.0	x	x	
209	ReTunes	1.0.0	x		
210	RJModules	1.8.0	x	x	
211	Robotic Bean	1.0.1	x		
212	RobRichards	1.0.3			https://github.com/rhrhunter/vcv-robrichards
213	Rodent Modules	0.6.1	x		
214	Router	1.0.1	x		
215	S-ol	1.0.0	x		
216	Sb-StochKit	1.0.0	x		
217	Scalar	1.0.0	x		
218	ScannerDarkly	1.0.1	x		
219	SchmickleWorks	V1beta1.7		x	https://github.com/cclark2a/SchmickleWorks
220	Sckitam	1.0.5	x	x	
221	Sculpt-O-Sound	1.1.0	x	x	
222	Semiramis	1.3.1	x	x	
223	SerialRacker	0.6.1	x		
224	Signal Flux	1.1.0	x		
225	Silent Way	1.0.0	x		
226	Simple module pack	0.6.0	x		
227	SKJack	1.0.0	x		
228	Skylights	1.0.2	x		
229	SLM	1.1.0	x		
230	Sonus Modular	1.3.0	x	x	
231	Sound Stage	1.0.0	x		
232	Southpole	1.0.0			https://github.com/gbrandt1/southpole-vcvrack
233	Southpole Parasites	0.6.0	x		
234	Spectra	1.0.2	x		
235	Spektro Audio	1.0.0	x		
236	spin	0.6.2	x		
237	Squinky Labs	1.0.12	x	x	
238	Starling	1.0.1	x		
239	Stellare Modular	1.1.1	x		
240	stoaudio	1.0.1	x	x	
241	Stochasm	0.6.0	x		
242	StochKit	1.0.0	x		
243	stoermelder pack one	1.8.ed9772qx		x	
244	stoermelder pack gamma	1.0.cd7a953			https://github.com/stoermelder/vcvrack-packgamma
245	stoermelder PackTau	1.0.31e3790			https://github.com/stoermelder/vcvrack-packtau
246	Strong Kar	1.0.0	x		
247	Strum's Mental Modules	1.0.2	x		
248	STS	1.1.2	x	x	
249	StudioSixPlusOne	1.2.0	x	x	
250	Submarine Prototype	0.6.0	x		
251	SubmarineFree	1.1.8	x		
252	Submarine Utility	0.6.2	x		
253	Surge for Rack	1.7.1.2	x	x	
254	Synbin	1.0.0			https://github.com/Synbin/Synbin-VCV-Modules
255	Synthetic	1.3.1	x	x	

	A	B	C	D	E
256	Synthetic FX	1.2.0	x	x	
257	Synthetic FX Free	1.0.3	x		
258	SynthKit	1.0.1	x		
259	TechTech Technologies	1.0.0			https://github.com/wlaub/vcv
260	TercerBrazo	1.0.3	x		
261	The XOR	1.1.1	x		
262	Tiny Tricks	1.5.0	x	x	
263	TriggerFish Elements	1.0.1	x		
264	trowaSoft	1.0.3	x		
265	Truly	1.0.2	x	x	https://github.com/travisat/Truly
266	TWD Plugins	0.6.0			https://github.com/trblwdreams/
267	Unfiltered Volume 1	1.1.0	x		
268	Unfiltered Volume 2	1.0.0	x		
269	Unforgettable Luncheon	0.6.3	x		
270	unless modules	1.1.0	x	x	
271	Valley	1.1.0	x	x	
272	VCV	1.0.1	x	x	
273	Vitamin	1.0.1	x	x	
274	voxglitch	1.19.0	x		
275	Vult Compacts	1.11.0	x	x	
276	Vult Modules	1.11.0	x	x	
277	Vult Modules (Free Version)	1.11.0	x	x	
278	Vult Mysteries	1.11.0	x		
279	What the Rack	1.1.1	x		
280	wiqid anomalies	1.1.0	x	x	
281	Wrong People	1.0.0	x		
282	ym2612	1.0.0	x		
283	ZZC	1.1.2	x	x	
284	ZZC Phaseque	1.1.1	x		

If I have overlooked someone, I'm sorry.
Then please let me know.

