

#18/2020

# NEWS of the RACK VCV

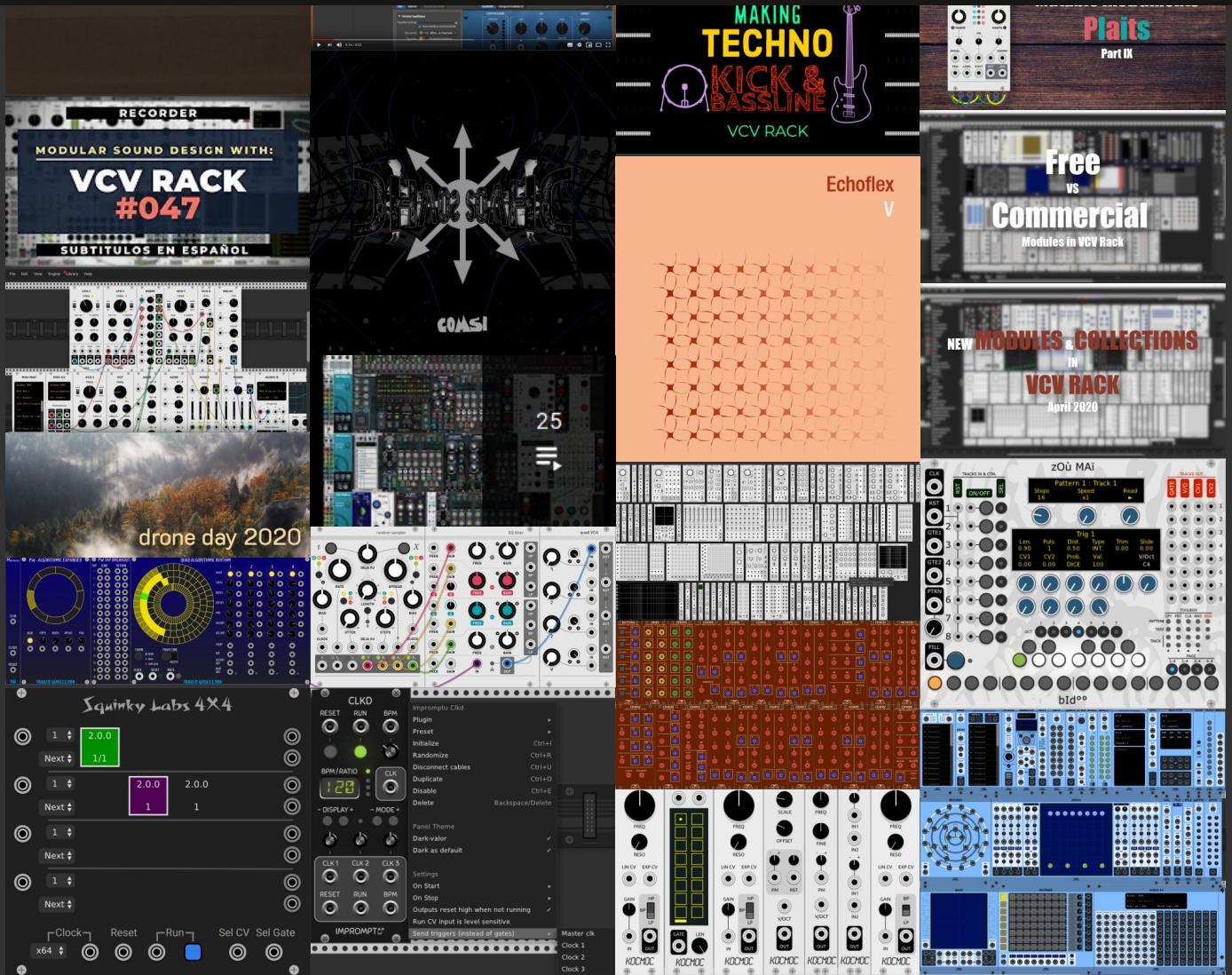


syn  
AND S

THREE SISTERS ①

ALTER BUILD  
IN VCV RACK

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



**Hello everyone in Rackland,**

I am a big fan of crowdfunding. Many projects would not exist without this financing option. That's why I have already supported some roleplaying and board games with Kickstarter and some artists with Patreon. In the meantime crowdfunding has also arrived in VCV-Rack. The first result is the conversion of Ripples from Mutable Instruments to the polyphonic version Liquid Filter from Audible Instruments by Alright Devices. It did not even take a week to reach the goal and the module is already available. Spurred on by this success, the next module has now been announced. Again it is a module from Mutable Instruments, the 4-band parametric EQ Shelves, which in VCV-Rack will be called Audible Instruments EQ Filter. And it is already after one day certain that he will come.

You certainly don't have to be a prophet to predict that there will definitely be more modules, because users crave it. 2000 modules are a lot, but there are still sooo many great hardware modules that are not yet available in the VCV rack and we want them ALL!

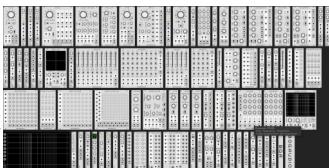
And now for the news

# Developer News & other News

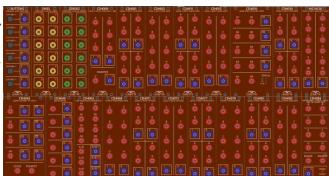


After successful crowdfunding, **Shelves** by **Mutable Instruments**, thanks to **Alright Devices**, will soon be released as an **EQ Filter** by **Audible Instruments**. This version will also be polyphonic.

With version **1.1.31** **Bogaudio** introduces automatic builds of its modules. These are primarily intended for test purposes.

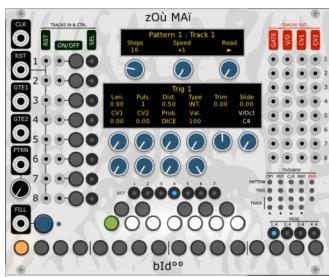


In the next version **1.1.6**, **CLKD** from **Impromptu** will optionally be able to send triggers instead of gate signals. However, this version still has to be compiled.



**Count Modula's Lunnetta** modules also have to be compiled and are also intended for experimentation. The plugin consists of the logic modules **ADC - Analogue to Digital Converter**, **BUTTONS Hex Manual Logic**, **DAC - Digital to Analogue Converter**, **Ones - Constant Logical "Ones"**, **Zeroes - Constant Logical "Zeroes"**, **CD4000 Dual 3-Input NOR Gate plus Inverter**, **CD4001 Quad 2-Input NOR Gate**, **CD4002 Dual 4-Input NOR Gate**, **CD4011 Quad 2-Input NAND Gate**, **CD4012 Dual 4-Input NAND Gate**, **CD4019 Quad AND-OR Select Gate**, **CD4030 Quad 2-Input XOR Gate**, **CD4042 Quad Clocked "D" Latch**, **CD4048 Multifunction Expandable 8-Input Gate**, **CD4049 Hex Inverter**, **CD4063 4-Bit Magnitude Comparator**, **CD4068 8-Input AND/NAND Gate**, **CD4071 Quad 2-Input OR Gate**, **CD4072 Dual 4-Input OR Gate**, **CD4077 Quad 2-Input XNOR Gate**, **CD4078 8-Input OR/NOR Gate**, **CD4081 Quad 2-Input AND Gate**, **CD4082 Dual 4-Input AND Gate**, **CD4086 Expandable 4-Wide 2-Input AND-OR-INVERT Gate** and **MC14530 Dual 5 Input Majority Gate**.

In update **1.1.21**, **Bidoo** has further optimized its sequencer **zOù MAï** and fixed bugs.



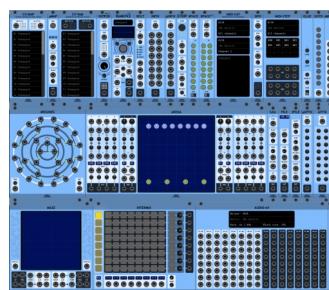
## Beta-Versions

**Gate, CD4082 Dual 4-Input AND Gate, CD4086 Expandable 4-Wide 2-Input AND-OR-INVERT Gate** and **MC14530 Dual 5 Input Majority Gate**.



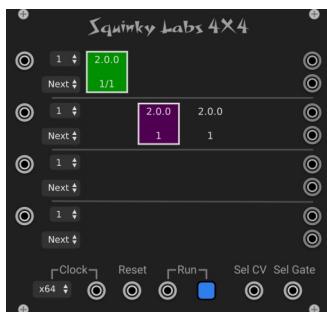
After the Multi Label Textbox **TD-410**, **Submarine** released the **TD-510**, which displays the text vertically. It still has to be compiled itself.

Version **1.3.1** of **kocmoc** is available for download from the developer's github website. The **PHASR** oscillator is now polyphonic.



For **PackOne** from **stoermelder** there are new, automatically generated binaries. However, the new module **FR** announced therein is not yet included.

# New Modules



**Squinky Labs** released the sequencer **4x4**, a 4 track sequencer with 4 segments each, which is intended to complement **Seq++** on the one hand, but also as a live clip launcher. In addition, **Saws** and **Stairway** are now **polyphonic**.

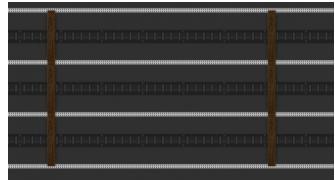
**Frozen Wasteland** further complements the possibilities of **Portland Weather**.



After the **Tap Breakout Expander**, which is now available again in a revised form, there is now the **Algorithm Expander**, with which you can create your own rhythms. Also new is the **Midichlorian** module, which enables VSTs integrated via host to work microtonally. The **Quad Algorithmic Rhythm** sequencer has also been given a new user interface.

## Challenges & Collaborations

### Very Cool Patch Challenge



**Edition 52 of the Very Cool Patch Challenge** is part 2 of a 2-part challenge and the continuation of Edition 51.

This time it is about creating new patches with one of the fixed racks from the past month. A maximum of 2 modules can be exchanged. At least 3 patches should be created by May 4th.

### Drone Day 2020 collab



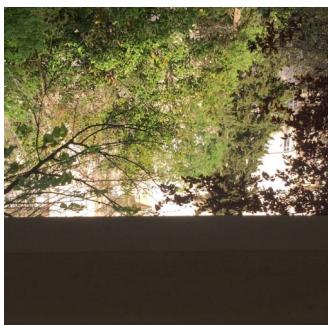
The **Drone Day** takes place again this year and **Ben de Groot** alias **ablaut** calls for participation in a joint contribution. This year is Drone Day on May 30th, so Deadline is **May 24th**. The topic is "**Breath**" and Ben uses the **Iwato scale in E**. (Tip: Mother from Orange Line has already implemented this scale). More information on this at <https://community.vcvrack.com/t/call-for-submissions-drone-day-2020-collab/9614>

## Music & Ideas

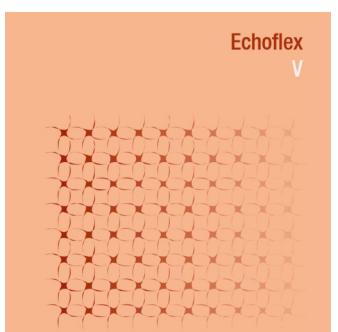
### Playlist 18/2020



### Diogo Perneta: Floating Pulses



### Echoflex: Echoflex V



### Chaos soahC: comsi



# Videos & Tutorials

## Adam McCartney:

*Control Signals in VCV Rack: introduction to LFOs and Sub Audio Rate Modulation*



## Federico Soler Fernández:

*DAY 047 - Recorder - VCV Rack (Subs Español)*



## Jim Aikin:

*Modular Synthesis for Beginners: Step Sequencer*



## More Than Silence:

*VCV Rack to external DAW recording setup tutorial*



## Omri Cohen:

*Plaits Synthesis Models Series #9 - Granular Cloud*



*Comparing Commercial and Free modules/ collections in VCV Rack*



*An overview of new modules and collections in VCV Rack - April 2020*



## VCV Rack Ideas:

*THREE SISTERS Eurorack modular FILTER recreating build in VCV Rack*



*How to make cool Techno Kick and Bass in VCV Rack | Tutorial*



# Patches & Presets

## Andy Clotta:

*La Llorona*  
<https://patchstorage.com/la-llorona/>

## blackearth:

*Crossing Guards*  
<https://patchstorage.com/crossing-guards/>

*Saturn has lost a ring*  
<https://patchstorage.com/saturn-has-lost-a-ring/>

*Coming to get Shortie*  
<https://patchstorage.com/coming-to-get-shortie/>

*Uncle Sparkless*  
<https://patchstorage.com/uncle-sparkless/>

## Auntie Happiless

<https://patchstorage.com/auntie-happiless/>

## Have Mercy On Thee

<https://patchstorage.com/have-mercy-on-thee/>

## Smoothie gets a bump

<https://patchstorage.com/smoothie-gets-a-bump/>

## Boaz Shoham:

*diminorir*  
<https://patchstorage.com/diminorir/>

## chaircrusher:

<https://community.vcvrack.com/uploads/short-url/p7K7WGSDhjzkfHDJcH5yvBKTIXa.vcv>

**cyball:**

*Random-2*

<https://patchstorage.com/random-2-3/>

**danhertz:**

*the way ahead feels lonely.*

<https://patchstorage.com/the-way-ahead-feels-lonely/>

*lorn – acid rain\_lead*

[https://patchstorage.com/lorn-acid-rain\\_lead/](https://patchstorage.com/lorn-acid-rain_lead/)

**drewofdoom:**

*Chamomille 2020-04-30*

<https://patchstorage.com/chamomille-2020-04-30/>

**Klaus\_Obermaier:**

*Audio rate filter cutoff modulation + oscillator FM*

<https://patchstorage.com/audio-rate-filter-cutoff-modulation-and-oscillator-fm/>

**klaussualk:**

*The Viridiana Falls*

<https://patchstorage.com/the-viridiana-falls/>

**logorrhobia:**

*Grain Game*

<https://patchstorage.com/grain-game/>

*Gryning*

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

**Omri\_Cohen:**

*Plaits Synthesis Models Series #9 – Granular Cloud*

<https://patchstorage.com/plaits-synthesis-models-series-9-granular-cloud/>

*Using Arturia's Keystep Pro with VCV Rack*

<https://patchstorage.com/using-arturias-keystep-pro-with-vcv-rack/>

*An overview of new modules and collections in VCV Rack – April 2020*

<https://patchstorage.com/an-overview-of-new-modules-and-collections-in-vcv-rack-may-2020/>

**SkwareUawe:**

*3 Module Challenge (VCV Rack) #1*

<https://patchstorage.com/3-module-challenge-vcv-rack-1/>

*3 Module Challenge (VCV Rack) #2*

<https://patchstorage.com/3-module-challenge-vcv-rack-2/>

*3 Module Challenge (VCV Rack) #3*

<https://patchstorage.com/3-module-challenge-vcv-rack-3/>

**Spirit:**

*Steevio hats sequencing playaround*

<https://patchstorage.com/steevio-hats-sequencing-playaround/>

**wolki:**

*3+1 Module Psy*

<https://patchstorage.com/31-module-psy/>

*Minimal Psy*

<https://patchstorage.com/minimal-psy/>

	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			<a href="https://github.com/cfoulc/1987">https://github.com/cfoulc/1987</a>
5	8Mode	1.0.0			<a href="https://github.com/8Mode/8Mode-VCV_Modules/issues/4">https://github.com/8Mode/8Mode-VCV_Modules/issues/4</a>
6	Aaron Static	1.0.0	x		
7	Admiral	1.0.0	x		
8	Aepelzens Modules	0.6.0 dev			<a href="https://github.com/Aepelzen/Aepelzens">https://github.com/Aepelzen/Aepelzens</a>
9	Aepelzens Parasites	0.6.0 dev			<a href="https://github.com/Aepelzen/AepelzensParasites.git">https://github.com/Aepelzen/AepelzensParasites.git</a>
10	Ahornberg	1.0.2	x		
11	Alikins		x		
12	alto777 LFSR	1.0.0	x		
13	Alright Devices	1.0.2	x		
14	Amalgamated Harmonics	1.0.4	x	x	
15	AmateurResearch	0.6.0			<a href="https://github.com/MattKuebrich/AmateurResearch">https://github.com/MattKuebrich/AmateurResearch</a>
16	Animated Circuits	1.0.0	x		
17	aP Modules	0.6.0			<a href="https://github.com/aptrn/aP-Modules.git">https://github.com/aptrn/aP-Modules.git</a>
18	Arable Instruments	1.0.0	x		
19	Aria Salvatrice	1.4.0	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	Audible Instruments	1.2.0	x	x	
26	Audible Instruments Preview	0.6.5	x		
27	Aunty Langton's - FREE	1.0.1	x		
28	Aura Audio	1.0.2	x		
29	Autinn	1.0.0	x	x	
30	Autodafe - REDs	1.0.0	x		
31	Autodafe - REDs FREE	1.0.0	x		
32	Autodafe Drum Kit	1.0.0	x		
33	Autodafe Module Pack	1.0.1	x		
34	av500	0.6.0	x		
35	Bacon Music	1.0.2	x	x	
36	Bargkass	0.6.0			<a href="https://github.com/korfuri/Bargkass.git">https://github.com/korfuri/Bargkass.git</a>
37	BB Modules	1.1.1	x		
38	BBI	0.6.0	x		
39	Beckstrom Research	0.6.0	x		
40	Befaco	1.0.1	x	(x)	
41	Bidoo	1.1.21	x	x	
42	Blamsoft	1.0.1	x	x	
43	Bogaudio	1.1.31	x	x	
44	Bokontep Byte Beat Machine	1.0.0	x		
45	Castle Rocktronics	0.6.0	x		
46	Catromodulo	1.0.3	x		
47	Catrom/Blanco	1.0.0	x		
48	cf	1.1.1	x		
49	Charred Desert	1.3.1	x		
50	Chiptuner	1.0.0	x		
51	Chords	1.0.1	x	x	
52	Chortling Hamster Modules	1.1.2	x		
53	Circlefade	1.0.0	x		
54	Coirt	1.2.5	x	x	
55	Computerscare Modules	1.3.0	x	x	
56	Console	1.0.1			
57	Count Modula	1.10.0DEV	x	x	
58	Creative Suite	1.1.0	x		
59	Crystal Palace	1.0.0	x		
60	Csound	1.0.0	x		<a href="https://github.com/dizzisound/VCV_Csound">https://github.com/dizzisound/VCV_Csound</a>
61	Dark Alias (Friedrichs Audio)1.0.0				<a href="https://gumroad.com/friedrichsaudio">https://gumroad.com/friedrichsaudio</a>
62	dekstop	0.6.0	x		<a href="https://github.com/dekstop/vcvrackplugins_dekstop.git">https://github.com/dekstop/vcvrackplugins_dekstop.git</a>
63	dBiz	1.1.2	x		

	A	B	C	D	E
64	DHE Modules	1.2.0	x		
65	Dlwigglz	0.6.0			<a href="https://github.com/dirkleas/DL">https://github.com/dirkleas/DL</a>
66	Dopefed	1.0.0	x		<a href="https://github.com/Strum/dopefed">https://github.com/Strum/dopefed</a>
67	DrumKit	1.1.4	x		
68	DrumKit Pro	1.1.1	x		
69	E-Series	1.0.2	x	x	
70	Edge	1.0.2	x	x	
71	eh_modules	0.6.1	x		
72	Entrian free	1.1.15	x		
73	Entrian Acoustic Drums	1.6.15	x		
74	Entrian Sequencers	1.1.15	x		
75	Erica	1.0.2	x		
76	Erik	1.0.0			<a href="https://github.com/gle-bellier/vcvModules">https://github.com/gle-bellier/vcvModules</a>
77	Erratic Instruments	0.6.2	x		
78	Evil Turtle Productions				<a href="https://www.evilturtle.nl/store/plugins/vcvpack.html">https://www.evilturtle.nl/store/plugins/vcvpack.html</a>
79	Expert Sleepers	1.0.0	x		
80	FLOATS (Friedrichs Audio)	1.0.0			<a href="https://gumroad.com/friedrichsaudio">https://gumroad.com/friedrichsaudio</a>
81	FrankBuss	1.1.0	x	x	
82	Frequency Domain	1.3.0	x	x	
83	Frozen Wasteland	1.13.1	x	x	
84	Fundamental	1.4.0	x	x	
85	FV-1.emu	1.0.1	x		
86	Geodesics	1.1.1	x	x	
87	Glue the Giant	1.1.1	x	x	
88	GoodSheperd	1.1.0	x		
89	Gratrix	0.6.0	x		
90	Grayscale	0.6.0	x		
91	Hammondegggs	0.6.0			<a href="https://github.com/hammondegggs/hammondegggsModules">https://github.com/hammondegggs/hammondegggsModules</a>
92	Hampton Harmonics	1.1.0	x	x	
93	HetrickCV	1.0.0	x		
94	Holonic Systems	1.0.5	x		
95	Hora	1.0.3	x		
96	Host	1.1.0	x	x	
97	Hot Bunny (Friedrichs Audio)	1.0.0			<a href="https://gumroad.com/friedrichsaudio">https://gumroad.com/friedrichsaudio</a>
98	huaba	1.1.0			<a href="https://github.com/dhuber81/huaba">https://github.com/dhuber81/huaba</a>
99	IlovePerlin	1.0.0	x		
100	Impromptu Modular	1.1.5	x	x	
101	Interrobang (Free)	1.0.2	x		
102	JE	1.0.0	x		
103	Jlmod	1.0.0	x		
104	JW-Modules	1.0.11	x	x	
105	KarateSnoopy	1.0.0	x		
106	KlirrFactory	1.1.0		x	<a href="http://klirrfactory.com/">http://klirrfactory.com/</a>
107	kocmoc	1.3.0	x		
108	Koralfx Modules	1.0.2	x		
109	Kosmodules	1.0.1	x		
110	LabSeven	1.0.0	x		
111	LifeFormModular	1.1.0	x		
112	Lindenberg Research	1.3.3	x		
113	Little Utils	1.0.3	x		
114	Loco Modules	1.1.1			<a href="https://github.com/perky/LocoVCVModules">https://github.com/perky/LocoVCVModules</a>
115	LOGinstruments	1.0.1	x		
116	Lomas Modules	1.0.9	x		
117	Loopus Modules	1.2.0	x		
118	luckyxxl	0.6.0	x		
119	Mantra	1.0.1	x		
120	Matthew Friedrichs	0.6.5	x		<a href="https://gumroad.com/friedrichsaudio">https://gumroad.com/friedrichsaudio</a>
121	MicMusic	1.0.0	x		
122	MicroTools	0.6.0	x		
123	Milkrack	0.6.0			<a href="https://github.com/korfuri/Milkrack/releases">https://github.com/korfuri/Milkrack/releases</a>
124	MindMeld	1.1.5	x	x	
125	ML modules	1.0.5	x	x	
126	Moaneschien	1.0.0			<a href="https://github.com/Moaneschien/4rack">https://github.com/Moaneschien/4rack</a>
127	Mockba Modules	1.2.1	x	x	

	A	B	C	D	E
128	Mockba Proton	1.0.7	x	x	
129	Mockba Model V	1.0.7	x	x	
130	Mockba Model X	1.0.7	x	x	
131	Mockba Modular Tools	1.0.2	x		
132	Mockba Special Vintage Oscillat	1.0.6	x	x	
133	Mog	1.1.1	x		
134	moDllz	1.1.6	x	x	
135	modular80	1.0.1	x		
136	Modular Fungi	1.0.1	x		
137	monome	1.0.0			<a href="https://github.com/Dewb/monome-rack">https://github.com/Dewb/monome-rack</a>
138	Mosquito Labs	1.1.1	x		
139	MrLumps	1.0.0	x		
140	mscHack	1.0.2	x		
141	MSM	1.0.0	x		
142	mtsch	0.6.0	x		
143	MyLittle Tools	1.0.3	x		
144	NANO Modules	1.5.2.2	x	x	
145	NauModular	0.6.0	x		
146	NEX	1.1.1	x		
147	Niko	0.6.1			<a href="https://github.com/NikolajAndersson/">https://github.com/NikolajAndersson/</a>
148	Nocturnal Encoder	1.0.0	x		
149	Nohmad	1.0.0	x		
150	Nonlinear Circuits	1.0.0	x		
151	Noobhour modules	1.0.3	x	x	
152	NoraCodes	1.2.0	x		
153	nozoid	1.1.5	x		
154	Number9	1.2.1	x		
155	Nysthi	1.0.11	x	x	
156	Ohmer Modules	1.1.6	x	x	
157	Ohmer Prems	1.0.2	x		
158	OrangeLine	1.3.3	x		
159	Parable Instruments	1.0.0	x		
160	Parametra	1.0.0	x		
161	Patch & Tweak	1.0.0	x		
162	PdArray	1.0.3	x		
163	Pfzzz	1.1.0	x		
164	PG-Instruments	0.6.4	x		
165	Prism	1.2.0	x		
166	Prototype	1.2.0	x		
167	Pulse Matrix	1.0.0	x		
168	PulsumQuadratum-SDR	0.6.0	x		
169	PS-PurrSoftware	1.0.7	x	x	
170	PvC	0.6.0	x		
171	Quadraphonics	0.6.3	x		
172	QuantalAudio	1.0.0	x		
173	Qwelk	0.6.1	x		
174	Racket-Science	1.1.0	x		
175	Rackwindows	1.0.2			<a href="https://github.com/n0jo/rackwindows">https://github.com/n0jo/rackwindows</a>
176	rcm	1.1.0	x		
177	Recorder	1.0.1	x		
178	Regen Modular	1.0.1	x	x	
179	repelzen	1.1.0	x	x	
180	ReTunes	1.0.0	x		
181	RJModules	1.8.0	x	x	
182	Robotic Bean	1.0.1	x		
183	Rodent Modules	0.6.1	x		
184	Router	1.0.1	x		
185	S-ol	1.0.0	x		
186	Sb-StochKit	1.0.0	x		
187	Scalar	1.0.0	x		
188	ScannerDarkly	1.0.1	x		
189	SchmickleWorks	V1beta1.7		x	<a href="https://github.com/cclark2a/SchmickleWorks">https://github.com/cclark2a/SchmickleWorks</a>
190	Sckitam	1.0.4	x	x	
191	Sculpt-O-Sound	1.1.0	x	x	

	A	B	C	D	E
192	Semiramis	1.3.1	x	x	
193	SerialRacker	0.6.1	x		
194	Signal Flux	1.1.0	x		
195	Silent Way	1.0.0	x		
196	Simple module pack	0.6.0	x		
197	SKJack	1.0.0	x		
198	Skylights	1.0.2	x		
199	SLM	1.1.0	x		
200	Sonus Modular	1.3.0	x	x	
201	Southpole	1.0.0			<a href="https://github.com/gbrandt1/southpole-vcvrack">https://github.com/gbrandt1/southpole-vcvrack</a>
202	Southpole Parasites	0.6.0	x		
203	Spectra	1.0.1	x		
204	Spektro Audio	1.0.0	x		
205	spin	0.6.2	x		
206	Squinky Labs	1.0.8	x	x	
207	Starling	1.0.1	x		
208	Stellare Modular	1.0.0	x		
209	stocaudio	1.0.1	x	x	
210	Stochasm	0.6.0	x		
211	StochKit	1.0.0	x		
212	stoermelder pack one	1.6.c0b5de7	x	x	
213	stoermelder pack gamma	1.0.cd7a953			<a href="https://github.com/stoermelder/vcvrack-packgamma">https://github.com/stoermelder/vcvrack-packgamma</a>
214	Strong Kar	1.0.0	x		
215	Strum's Mental Modules	1.0.2	x		
216	STS	1.1.2	x	x	
217	StudioSixPlusOne	1.0.0	x		<a href="https://github.com/curlymorphic/StudioSixPlusOne">https://github.com/curlymorphic/StudioSixPlusOne</a>
218	Submarine Prototype	0.6.0	x		
219	SubmarineFree	1.1.4	x		
220	Submarine Utility	0.6.2	x		
221	Surge for Rack	1.beta1.4	x	x	
222	Synbin	1.0.0			<a href="https://github.com/Synbin/Synbin-VCV-Modules">https://github.com/Synbin/Synbin-VCV-Modules</a>
223	Synthetic	1.2.4	x	x	
224	Synthetic FX	1.2.0	x	x	
225	Synthetic FX Free	1.0.3	x		
226	SynthKit	1.0.1	x		
227	TechTech Technologies	1.0.0			<a href="https://github.com/wlaub/vcv">https://github.com/wlaub/vcv</a>
228	TercerBrazo	1.0.3	x		
229	The XOR	1.1.1	x		
230	Tiny Tricks	1.5.0	x	x	
231	TriggerFish Elements	1.0.1	x		
232	trowaSoft	1.0.2	x		
233	TWD Plugins	0.6.0			<a href="https://github.com/trblwdreams/">https://github.com/trblwdreams/</a>
234	Unfiltered Volume 1	1.1.0	x		
235	Unfiltered Volume 2	1.0.0	x		
236	Unforgettable Luncheon	0.6.3	x		
237	unless modules	1.0.0	x		
238	Valley	1.0.1	x		
239	VCV	1.0.1	x	x	
240	Vitamin	1.0.0	x	x	
241	voxglitch	1.12.0	x		
242	Vult Compacts	1.9.0	x	x	
243	Vult Modules	1.9.0	x	x	
244	Vult Modules (Free Version)	1.9.0	x	x	
245	Vult Mysteries	1.9.0	x		
246	What the Rack	1.1.1	x		
247	wiqid anomalies	1.1.0	x	x	
248	Wrong People	1.0.0	x		
249	ym2612	1.0.0	x		
250	ZZC	1.1.2	x	x	
251	ZZC Phaseque	1.1.1	x		

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



new module  
goes here!

Current module versions of the developers  
(not all are in the plugin manager and  
some have to be self compiled.)  
Changes are highlighted in **red**,  
V1 versions **magenta**.