Rakarrack

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https://audinux.github.io

Introduction

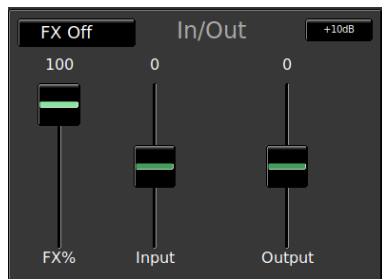Rakarrack (plus) is a multi-effect for guitar. A little bit similar to guitarix.
Rakarrack is really interesting for creative sound.
It has some really interesting effect Guitarix has not.
In the mean time, rakarrack is a little bit less efficient with distortion / overdrive than Guitarix.
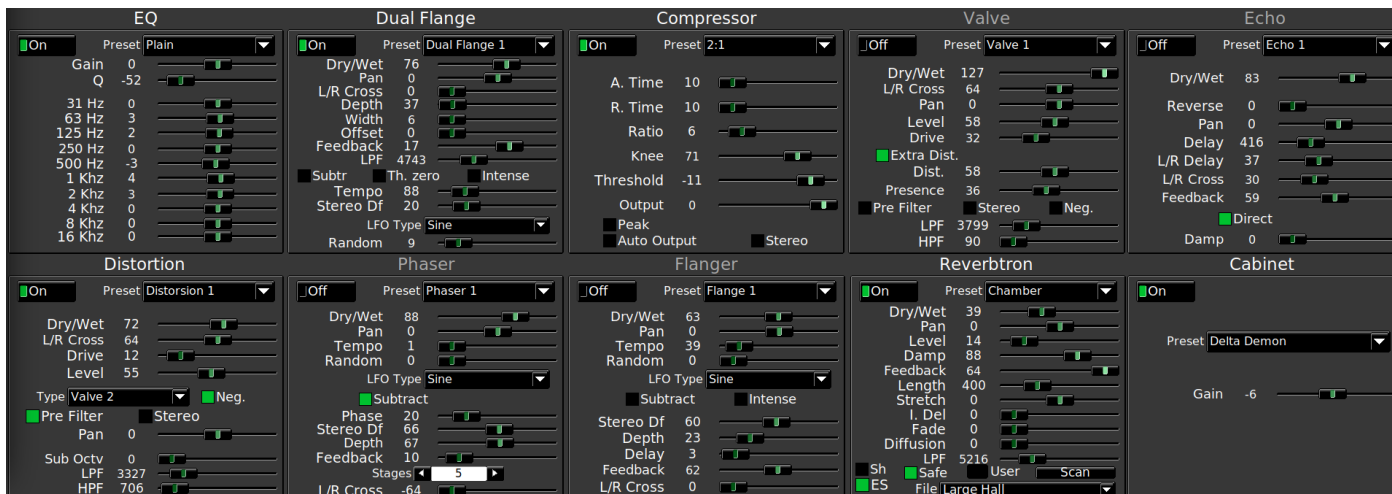
Global view

Presets

Export Rakarrack+

1 2 3 U

New   Import   Compare   Bank

Jazz Bright Chorus

21

Preset

Ryan Billing

Random

Put Order in your Rack   Hide   Sw

Rakarrack +

FX Off   In/Out   +10dB

100   0   0

FX%   Input   Output

Input signal

Presets

Off

Tuner

Off   FFT   Channel 1   4   Trigger

MIDI   Octave 0   50   Velocity

Off   Input GUI   Set Dl. 1 LFO 1

Tap Tempo   Apply   Tap   100

MIDI / Tuning

EQ
On Preset Plain

Gain 0
Q -52
31 Hz 0
63 Hz 3
125 Hz 2
250 Hz 0
500 Hz -3
1 Khz 4
2 Khz 3
4 Khz 0
8 Khz 0
16 Khz 0

Dual Flange
On Preset Dual Flange 1

Dry/Wet 76
Pan 0
L/R Cross 0
Depth 37
Width 6
Offset 0
Feedback 17
LPF 4743
Subtr Th. zero Intense
Tempo 88
Stereo Df 20
LFO Type Sine
Random 9

Compressor
On Preset 2:1

A. Time 10
R. Time 10
Ratio 6
Knee 71
Threshold -11
Output 0
Peak
Auto Output Stereo

Valve
Off Preset Valve 1

Dry/Wet 127
L/R Cross 64
Pan 0
Level 58
Drive 32
Extra Dist.
Dist. 58
Presence 36
Pre Filter Stereo Neg.
LPF 3799
HPF 90

Echo
Off Preset Echo 1

Dry/Wet 83
Reverse 0
Pan 0
Delay 416
L/R Delay 37
L/R Cross 30
Feedback 59
Direct
Damp 0

Effects area

Distortion
On Preset Distorsion 1

Dry/Wet 72
L/R Cross 64
Drive 12
Level 55
Type Valve 2 Neg.
Pre Filter Stereo
Pan 0
Sub Octv 0
LPF 3327
HPF 706

Phaser
Off Preset Phaser 1

Dry/Wet 88
Pan 0
Tempo 1
Random 0
LFO Type Sine
Subtract
Phase 20
Stereo Df 66
Depth 67
Feedback 10
Stages 5
L/R Cross -64

Flanger
Off Preset Flange 1

Dry/Wet 63
Pan 0
Tempo 39
Random 0
LFO Type Sine
Subtract Intense
Stereo Df 60
Depth 23
Delay 3
Feedback 62
L/R Cross 0

Reverbtron
On Preset Chamber

Dry/Wet 39
Pan 0
Level 14
Damp 88
Feedback 64
Length 400
Stretch 0
I. Del 0
Fade 0
Diffusion 0
LPF 5216
Sh Safe User Scan
ES File Large Hall

Cabinet
On

Preset Delta Demon

Gain -6
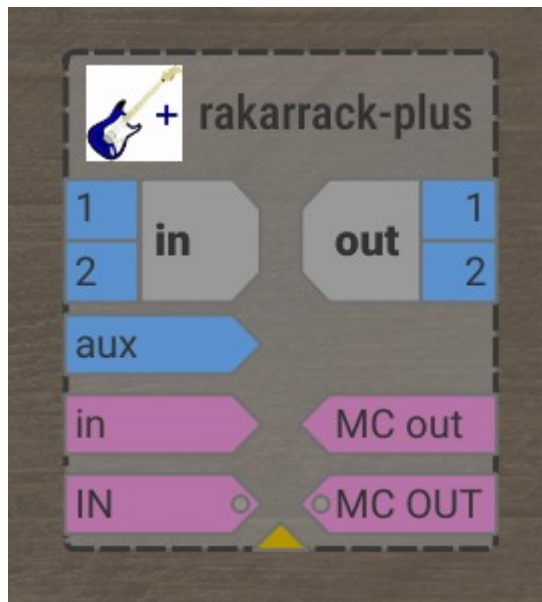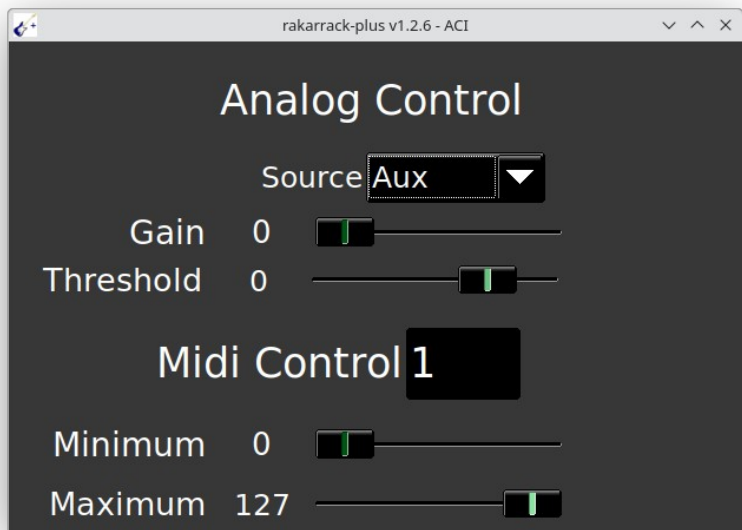
Audio Input

Aux Input

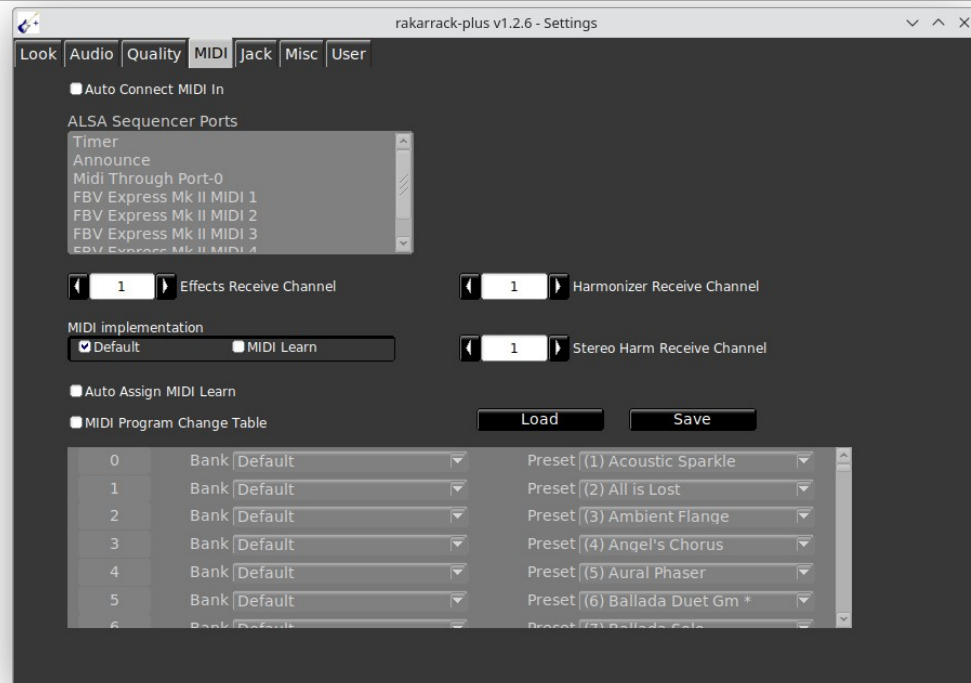MIDI Input

Audio Output

MIDI Output

The Aux input is mainly dedicated to vocoder but can also be used with the 'ACI' (Analog Control Input → Settings / ACI)

Control Parameters

The ACI allows you to generate a MIDI signal via an audio signal sent to the AUX input.

This MIDI Windows allows you to select presets triggered by MIDI Program change

Effect List

AlienWah
Analog Phaser
Arpie
Cabinet
Chorus
Coil Crafter
CompBand
Compressor
Convolotron
Derelict
DistBand
Distortion
Dual Flange
Echo
Echotron

Echoverse
EQ
Exciter
Expander
Flanger
Harmonizer
Infinity
Looper
MusicalDelay
MuTroMojo
NoiseGate
Opticaltrem
Overdrive
Pan
Parametric EQ

Phaser
ResSolution
Reverb
Reverbtron
Ring
Sequence
ShelfBoost
Shifter
Shuffle
StereoHarm
StompBox
Sustainer
Synthfilter
Valve
VaryBand

Vibe
Vocoder
WahWah

Preset configuration

rakarrack-plus v1.2.6 - Effects Order

Put Order in your Rack
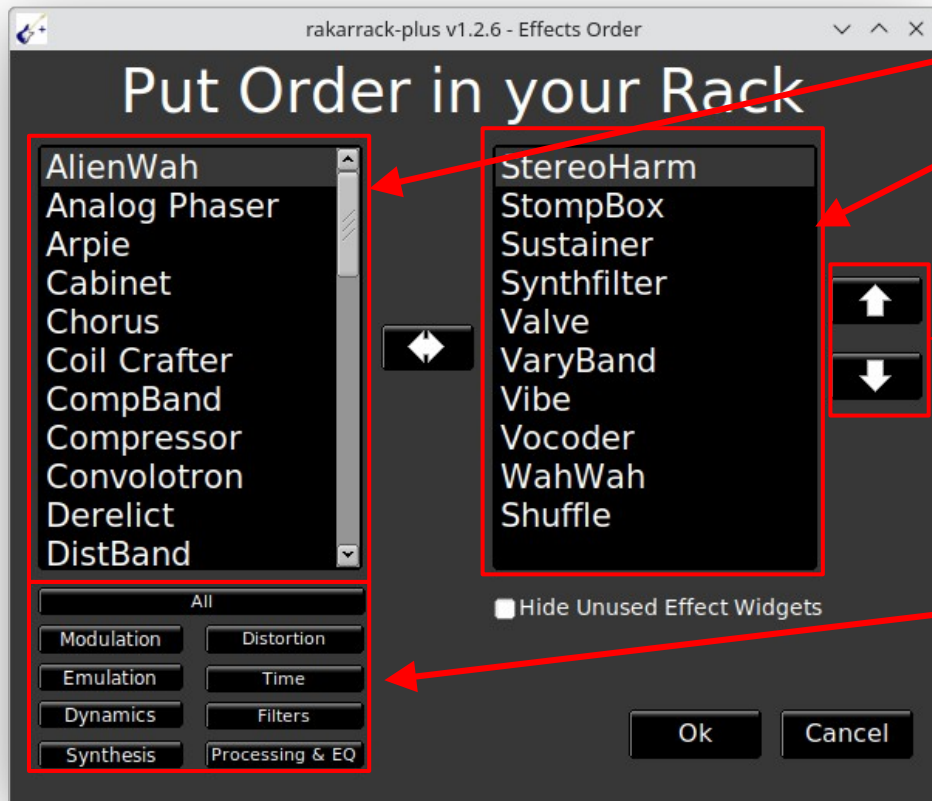
Available effects

Preset effects

Reorder preset effects chain

Filter available presets

Available effects list:
AlienWah
Analog Phaser
Arpie
Cabinet
Chorus
Coil Crafter
CompBand
Compressor
Convolotron
Derelict
DistBand

Preset effects list:
StereoHarm
StompBox
Sustainer
Synthfilter
Valve
VaryBand
Vibe
Vocoder
WahWah
Shuffle

Filter buttons:
All
Modulation | Distortion
Emulation | Time
Dynamics | Filters
Synthesis | Processing & EQ

☐ Hide Unused Effect Widgets

Ok | Cancel

AlienWah

Off | Preset AlienWah1

Dry/Wet	127
Pan	-64
Tempo	1
Random	0

LFO Type Sine

Phase	0
Stereo Df	0
Depth	0
Delay	0
Feedback	0
L/R Cross	0

Analog Phaser

Off | Preset Phaser 1

Dry/Wet 63

LFO Type Triangle

Tempo	14
P. Depth	0
Width	110
Feedback	-24
Mismatch	10
Distort	20
Random	0
Stereo Df	64

Stages 4

Subtract Hyper

Arpie

Off | Preset Tremolo

Dry/Wet	60
Arpe's	127
Pan	0
Tempo	35

SubDivision 1

L/R Delay	64
L/R Cross	30
Feedback	59

H 0 Ascending

Damp 0

Cabinet

Off

Preset Marshall-4-12

Gain -64

Coil Crafter

Off | Preset H to S

Gain	32
Tone	20

Origin Gibson Standa

Freq 1	3300
Q 1	16

Destiny Fender Strat (

Freq 2	4400
Q 2	42

Neck Pickup

Chorus

Off | Preset Chorus 1

Dry/Wet	63
Pan	0
Tempo	26
Random	0

LFO Type Sine

Subtract Intense

Stereo Df	90
Depth	40
Delay	85
Feedback	64
L/R Cross	119

CompBand

Off | Preset Good Start

Dry/Wet	127
Gain	0
L Ratio	2
ML Ratio	2
MH Ratio	2
H Ratio	2
L Thres	0
ML Thres	0
MH Thres	0
H Thres	0
Cross 1	20
Cross 2	1000
Cross 3	2000

Compressor

On | Preset 2:1

A. Time	45
R. Time	135
Ratio	4
Knee	84
Threshold	-24
Output	0

Peak
Auto Output Stereo

Convolotron

Off | Preset Marshall JC

Dry/Wet	60
Pan	0
Level	20
Damp	30
Feedback	0
Length	100

User

Safe Mode Scan

File Marshall JCM200

Derelict

Off | Preset Distortion 1

Dry/Wet	127
L/R Cross	64
Drive	83
Level	15

Type Hard Crunc Neg.

Color	68
Sub Octv	0
Pan	0

Pre Filter

LPF	2437
HPF	169

Effect List

DistBand
- Off | Preset: Saturation
- Dry/Wet 127
- L/R Cross 64
- Drive 56
- Level 40
- L. Gain 29
- M. Gain 35
- H. Gain 100
- Cross 1 450
- Cross 2 1500
- Atan | Atan | Atan
- Pan 0
- Stereo | Neg.

Distortion
- On | Preset: Distorsion
- Dry/Wet 46
- L/R Cross 64
- Drive 90
- Level 81
- Type: DynoFET | Neg.
- Pre Filter | Stereo
- Pan 0
- Sub Octv 0
- LPF 9586
- HPF 15641

Dual Flange
- Off | Preset: Dual Flange
- Dry/Wet 159
- Pan 0
- L/R Cross 0
- Depth 110
- Width 800
- Offset 10
- Feedback -27
- LPF 16000
- Subtr | Th. zero | Intense
- Tempo 24
- Stereo Df 64
- LFO Type: Triangle
- Random 10

Echo
- Off | Preset: Echo 1
- Dry/Wet 58
- Reverse 0
- Pan 0
- Delay 1283
- L/R Delay 65
- L/R Cross 55
- Feedback 12
- Direct
- Damp 21

Echotron
- Off | Preset: Summer
- Dry/Wet 127
- Pan -64
- Tempo 0
- Damp 0
- Feedback 0
- L/R Cross -64
- Width 0
- Depth -64
- Stereo Df 0
- AF | LFO Type: Sine
- MF | MD | User | Scan
- # 4 | File: SwingPong

Echoverse
- Off | Preset: Echo 1
- Dry/Wet 63
- Reverse 0
- Pan 0
- Tempo 90
- L/R Delay 64
- Feedback 64
- SubDivision 1/2
- Damp 64
- Ex Stereo 64
- Angle 0

EQ
- Off | Preset: Plain
- Gain 0
- Q -22
- 31 Hz 14
- 63 Hz 7
- 125 Hz 0
- 250 Hz 0
- 500 Hz 0
- 1 Khz 0
- 2 Khz 0
- 4 Khz 0
- 8 Khz 7
- 16 Khz 16

Exciter
- Off | Preset: Plain
- Gain 127
- LPF 20000
- HPF 20
- Har 1 0
- Har 2 0
- Har 3 0
- Har 4 0
- Har 5 0
- Har 6 0
- Har 7 0
- Har 8 0
- Har 9 0
- Har 10 0

Expander
- Off | Preset: Noise Gate
- A. Time 50
- R. Time 50
- Shape 20
- Threshold -50
- Out Gain 0
- LPF 3134
- HPF 76

Flanger
- Off | Preset: Flange 1
- Dry/Wet 117
- Pan 0
- Tempo 31
- Random 85
- LFO Type: Sine
- Subtract | Intense
- Stereo Df 41
- Depth 77
- Delay 0
- Feedback 11
- L/R Cross 17

Effect List

Derelict
- Off · Preset: Distortion 1
- Dry/Wet 127
- L/R Cross 64
- Drive 83
- Level 15
- Type: Hard Crunc · Neg.
- Color 68
- Sub Octv 0
- Pan 0
- Pre Filter
- LPF 2437
- HPF 169

Harmonizer
- Off · Preset: Plain
- Dry/Wet 63
- Interval 0
- Gain 0
- Pan 0
- Freq 600
- F. Gain 0
- Filter Q 0
- MIDI
- SELECT
- Note 0
- Chord 0

Infinity
- Off · Preset: Plain
- Dry/Wet 127
- Res 0
- 1 0 2 0 3 0 4 0
- 5 0 6 0 7 0 8 0
- Reverse · Stages 0
- AutoPan 0
- Stereo Df 0
- Start 0
- End 0
- Tempo 0
- Subdiv 0

Looper
- Off · Preset: Looper
- Dry/Wet 63
- Level 1 64
- Level 2 64
- Tempo 120
- Time Sig. 4/4 · MS N
- Reverse · Auto Play
- Play/Stop · Pause · Record
- R1 R2
- Track 1 2
- Lnk · Clear · M

MusicalDelay
- Off · Preset: Echo 1
- Dry/Wet 63
- L/R Cross 0
- Pan 1 -64
- Pan 2 63
- 1/2 · 0 · 1/4
- Tempo 106
- Gain 1 75
- Gain 2 75
- FB 1 59
- FB 2 59
- Damp 0

MuTroMojo
- Off · Preset: WahWah
- Dry/Wet 111
- M N R · LP -16
- BP 40
- HP -3
- Stg 1 · LFO Sine
- Depth 0
- Tempo 60
- Res. 10
- Range 2000
- Wah 10
- E. Sens 0
- S 7 · R 0 · D 0 · F 450

NoiseGate
- Off · Preset: 0dB
- A. Time 1
- R. Time 2
- Range 0
- Threshold 0
- Hold 2
- LPF 6703
- HPF 76

Opticaltrem
- Off · Preset: Fast
- Depth 0
- Tempo 0
- Random 0
- LFO Type: Sine
- Stereo Df 0
- Pan -64
- Invert

Overdrive
- Off · Preset: Overdrive 1
- Dry/Wet 43
- L/R Cross 35
- Drive 56
- Level 70
- Type: Atan · Neg.
- Stereo
- Pan 0
- Pre Filter
- LPF 6703
- HPF 21

Pan
- Off · Preset: AutoPan
- Dry/Wet 63
- Pan 0
- AutoPan
- Tempo 26
- Random 0
- LFO Type: Sine
- Stereo Df 0
- Extra Stereo
- E.Stereo 0

Effect List

Parametric EQ

Preset Plain

Gain	0
Low F.	256
Low G.	-35
Low Q.	0
Mid F.	1932
Mid G.	-25
Mid Q.	18
High F.	11766
High G.	2
High Q.	8

Phaser

Off Preset Phaser 1

Dry/Wet	118
Pan	0
Tempo	16
Random	47

LFO Type Sine

☑ Subtract

Phase	10
Stereo Df	34
Depth	89
Feedback	9
Stages	3
L/R Cross	63

ResSolution

Off Preset Beefy Mars

Dry/Wet	63
Shift	268
P. Depth	127
Width	76
Feedback	0
Mismatch	0
Distort	0
Stereo Df	64
Stages	4

Subtract Hyper

Reverb

On Preset Cathedral 1

Dry/Wet	39
Pan	0
Time	53
I. Del	20
Del. E/R	0

Type Random

R. Size	64
LPF	25040
HPF	2417
Damping	71

Reverbtron

Off Preset Chamber

Dry/Wet	127
Pan	-64
Level	0
Damp	0
Feedback	0
Length	400
Stretch	0
I. Del	0
Fade	0
Diffusion	0
LPF	0

Sh Safe User Scan
ES File Chamber

Ring

Off Preset Saw_Sin

Dry/Wet	191
L/R Cross	-64
Input	64
Level	64
Pan	0

Stereo ☑ Auto Freq

Depth	35
Freq	1
Sine	20
Triangle	0
Sawtooth	40
Square	0

Sequence

Off Preset Jumpy

Dry/Wet	127
1	20
2	100
3	10
4	50
5	25
Amp 6	120
7	60
8	127
Tempo	90
Q	-24
Stereo Df	0

R 40-800 M Lineal

ShelfBoost

Off Preset Treble

Gain	127
Level	24
Tone	16000
Presence	64

☑ Stereo

Shifter

Off Preset Fast

Dry/Wet	127
Interval	2
Gain	0
Pan	0
Attack	200
Decay	200
Threshold	-20

Down

Whammy 0

Mode Trigger

Shuffle

Off Preset Shuffle 1

Dry/Wet	63
Low Freq	600
Low Gain	10
M.L. Freq	1200
M.L Gain	0
M.H. Freq	2000
M.H. Gain	0
High Freq	6000
High Gain	0
☑ Rev Q	-14

Effect List

StereoHarm

Off Preset **Plain** ▼

- Dry/Wet 127
- Int L −12
- Chrm L 0
- Gain L −64
- Int R −12
- Chrm R 0
- Gain R −64
- L/R Cross 0
- ☐ MIDI
- ☐ SELECT
- Note 0
- Chord 0

StompBox

Off Preset **Amp 1** ▼

- Level 48
- Gain 65
- Bias 32
- Mid 0
- Tone 32
- Mode **Amp** ▼

Sustainer

Off Preset **Moderate** ▼

- Gain 67
- Sustain 64

Synthfilter

Off Preset **Low Pass** ▼

- Dry/Wet 127
- Distort 20
- Tempo 14
- R 0 LFO **Triangle** ▼ ☐ Sub
- Stereo Df 64
- Width 110
- Feedback −40
- LPF Stg. 6 HPF Stg. 0
- Depth 32
- E.Sens −32
- A.Time 500
- R.Time 100
- Offset 0

Valve

Off Preset **Valve 1** ▼

- Dry/Wet 127
- L/R Cross 64
- Pan 0
- Level 64
- Drive 127
- ■ Extra Dist.
- Dist. 69
- Presence 80
- ☐ Pre Filter ■ Stereo ☐ Neg.
- LPF 5841
- HPF 61

VaryBand

Off Preset **VaryVol 1** ▼

- Dry/Wet 127
- Tempo 1 40
- LFO 1 Type **Sine** ▼
- St.df 1 64
- Tempo 2 80
- LFO 2 Type **Sine** ▼
- St.df 2 0
- Cross 1 500
- Cross 2 2500
- Cross 3 5000
- L **1** ▼ M **1** ▼ M **2** ▼ H **2** ▼

Vibe

Off Preset **Classic** ▼

- Dry/Wet 127
- Width 0
- Depth 0
- Tempo 0
- Random 0
- LFO Type **Sine** ▼
- Stereo Df 0
- Feedback −64
- L/R Cross 0
- Pan −64
- ☐ Stereo

Vocoder

Off Preset **Vocoder 1** ▼

- Dry/Wet 127
- Pan 0
- Input 70
- Smear 10
- Q 70
- Ring 0
- Level 40

WahWah

Off Preset **WahWah** ▼

- Dry/Wet 127
- Pan −64
- Tempo 1
- Random 0
- LFO Type **Sine** ▼
- Stereo Df 0
- Depth 0
- Amp.S. 0
- ☐ A.S.I. F. Type **Low-Pas** ▼
- Smooth 0

Shuffle

Off Preset **Shuffle 1** ▼

- Dry/Wet 63
- Low Freq 600
- Low Gain 10
- M.L. Freq 1200
- M.L Gain 0
- M.H. Freq 2000
- M.H. Gain 0
- High Freq 6000
- High Gain 0
- ■ Rev Q −14

Preset management

New preset

Import a Rakarrack preset in rkr format

Export to Carla or Non Mixer XT

Compare changes made to default preset

Select set bank of presets

Fill randomly a preset

Switch between metronome and MIDI note detection

Change effects and reorder the effects in the preset

Hide unused effects

Presets

New Import Export Rakarrack+▼ _Compare Bank

1 2 3 U

Noise Synth
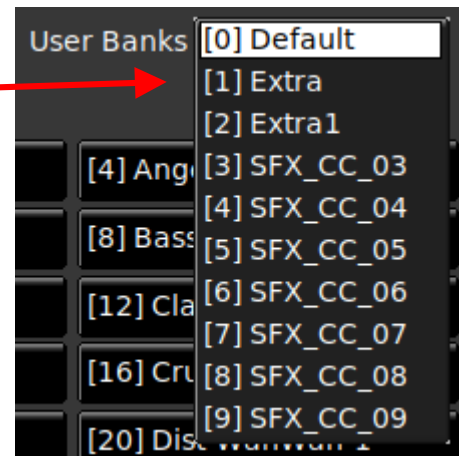
◄ 35 ► Ryan Billing

Preset

Random Put Order in your Rack Hide Sw
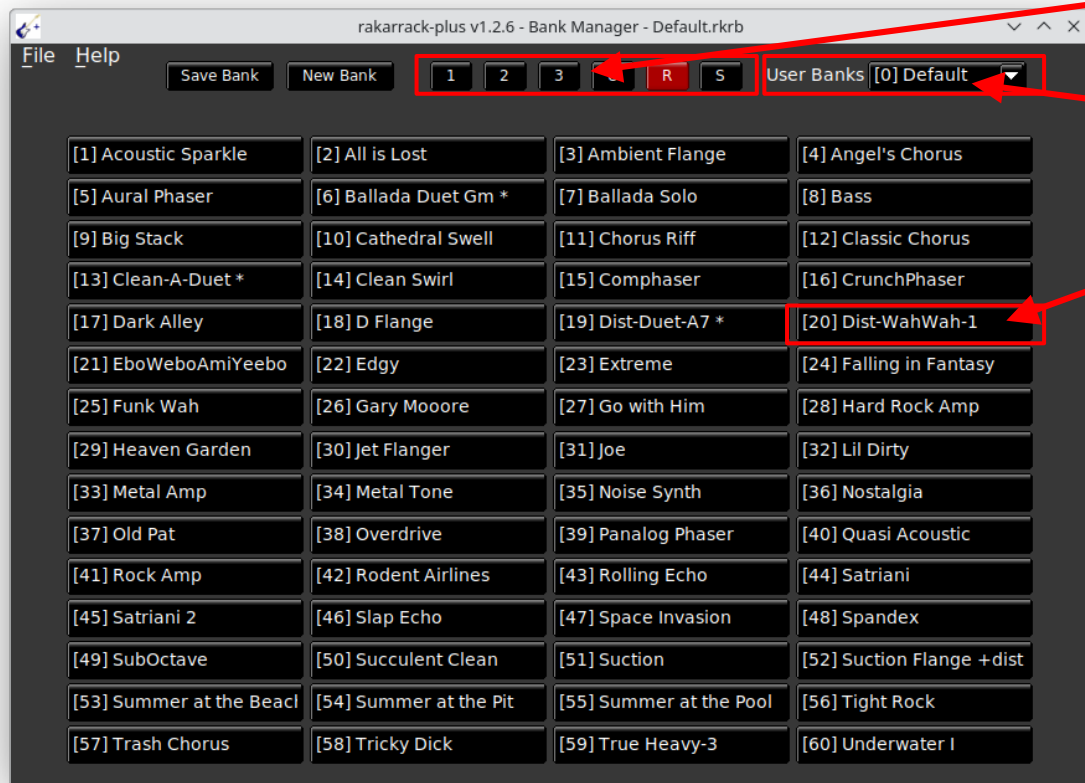
Rakarrack +

Preset management

Details

The Rakarrack-plus configuration file can be found here :

`.fltk/github.com.Stazed.rakarrack.plus/rakarrack-plus.prefs`

The github repository :

`https://github.com/Stazed/rakarrack-plus`

Installing rakarrack-plus :

`$ dnf install rakarrack-plus`