

Rakarrack

The screenshot displays the Rakarrack software interface, titled "rakarrack-plus v1.2.6". The interface is organized into several sections:

- File Bank Settings Help**: Top navigation menu.
- FX Off**: A master control for all effects, currently set to 100.
- In/Out**: Controls for input and output levels, both set to 0.
- Presets**: A central area showing the current preset "Jazz Bright Chorus" by "Ryan Billing". It includes buttons for "New", "Import", "Rakarrack+", "Compare", and "Bank". A "Rakarrack +" logo is prominently displayed in green.
- Limiters**: A "Limiter" section with a green indicator and a "Resample" section with a green indicator and a "3.36%" value.
- Tuner**: A "Tuner" section with a red indicator, "Channel" set to 4, and "Velocity" set to 50.
- MIDI**: A "MIDI" section with "Input: GUI" and "Set DI: 1 LFO 1".
- Tap Tempo**: A "Tap Tempo" section with "Apply" and "Tap" buttons, and a tempo value of 100.
- EQ**: An "EQ" section with a "Plain" preset, showing frequency sliders for Gain, Q, and various frequency bands (31 Hz to 16 Khz).
- Dual Flange**: A "Dual Flange" section with a "Dual Flange 1" preset, showing sliders for Dry/Wet, Pan, L/R Cross, Depth, Width, Offset, Feedback, LPF, and Subtr.
- Compressor**: A "Compressor" section with a "2:1" preset, showing sliders for A. Time, R. Time, Ratio, Knee, Threshold, Output, Peak, and Auto Output.
- Valve**: A "Valve" section with a "Valve 1" preset, showing sliders for Dry/Wet, L/R Cross, Pan, Level, Drive, Extra Dist., Dist., Presence, LPF, and HPF.
- Echo**: An "Echo" section with an "Echo 1" preset, showing sliders for Dry/Wet, Reverse, Pan, Delay, L/R Delay, L/R Cross, Feedback, Direct, and Damp.
- Distortion**: A "Distortion" section with a "Distorsion 1" preset, showing sliders for Dry/Wet, L/R Cross, Drive, Level, Type, Pre Filter, Pan, Sub Octv, LPF, and HPF.
- Phaser**: A "Phaser" section with a "Phaser 1" preset, showing sliders for Dry/Wet, Pan, Tempo, Random, LFO Type, Subtr, Phase, Stereo Df, Depth, Feedback, Stages, and L/R Cross.
- Flanger**: A "Flanger" section with a "Flange 1" preset, showing sliders for Dry/Wet, Pan, Tempo, Random, LFO Type, Subtr, Intense, Stereo Df, Depth, Delay, Feedback, and L/R Cross.
- Reverbtrn**: A "Reverbtrn" section with a "Chamber" preset, showing sliders for Dry/Wet, Pan, Level, Damp, Feedback, Length, Streich, I. Del, Fade, Diffusion, LPF, and File.
- Cabinet**: A "Cabinet" section with a "Delta Demon" preset, showing a "Gain" slider.





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.





Global view

FX Off: 100
In/Out: 0
+10dB: 0

FX% Input Output

Input signal

Presets: Export 1 2 3 U
New Import Rakarrack+ Compare Bank
Jazz Bright Chorus
Preset: 21 Ryan Billing
Put Order in your Rack Hide Sw
Rakarrack +

Presets

Off
Tuner
Off FFT Channel 1 4 Trigger
MIDI Octave 0 50 Velocity
Off Input GUI Set DI. 1 LFO 1
Tap Tempo Apply Tap 100

MIDI / Tuning

EQ: On, Plain, Gain 0, Q -52, 31 Hz 0, 63 Hz 2, 125 Hz 3, 250 Hz 0, 500 Hz -3, 1 Khz 4, 2 Khz 3, 4 Khz 0, 8 Khz 0, 16 Khz 0

Dual Flange: On, 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, 2:1, A. Time 10, R. Time 10, Ratio 6, Knee 71, Threshold -11, Output 0, Peak, Auto Output Stereo

Valve: Off, 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, Echo 1, Dry/Wet 83, Reverse 0, Pan 0, Delay 416, L/R Delay 37, L/R Cross 30, Feedback 59, Direct, Damp 0

Distortion: On, 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, 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

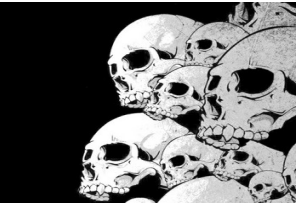
Flanger: Off, Flange 1, Dry/Wet 63, Pan 0, Tempo 39, Random 0, LFO Type Sine, Subtract Intense, Stereo Df 60, Depth 23, Delay 3, Feedback 62, L/R Cross 0

Reverbtron: On, 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, User Scan, File Large Hall

Cabinet: On, Delta Demon, Gain -6

Effects area



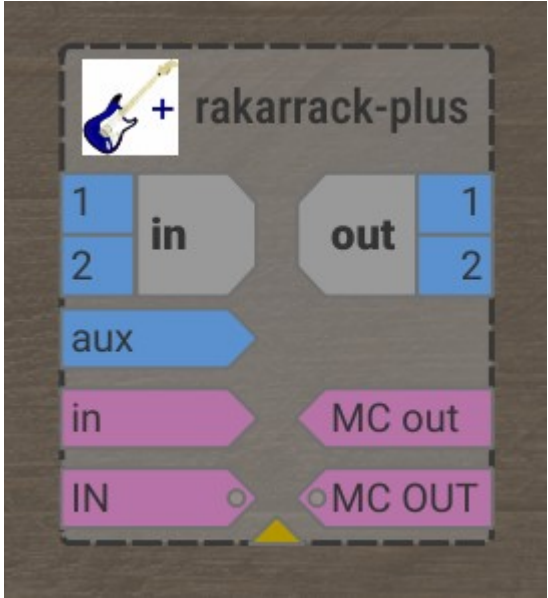


Jack View

Audio Input

Aux Input

MIDI Input



Audio Output

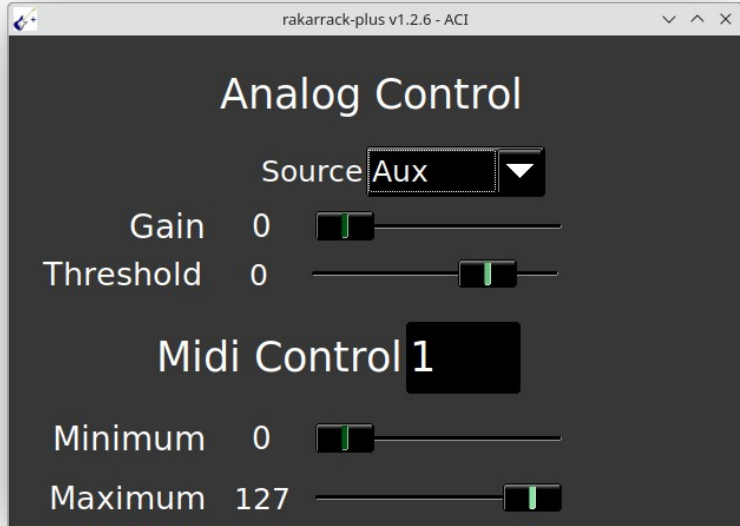
MIDI Output

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

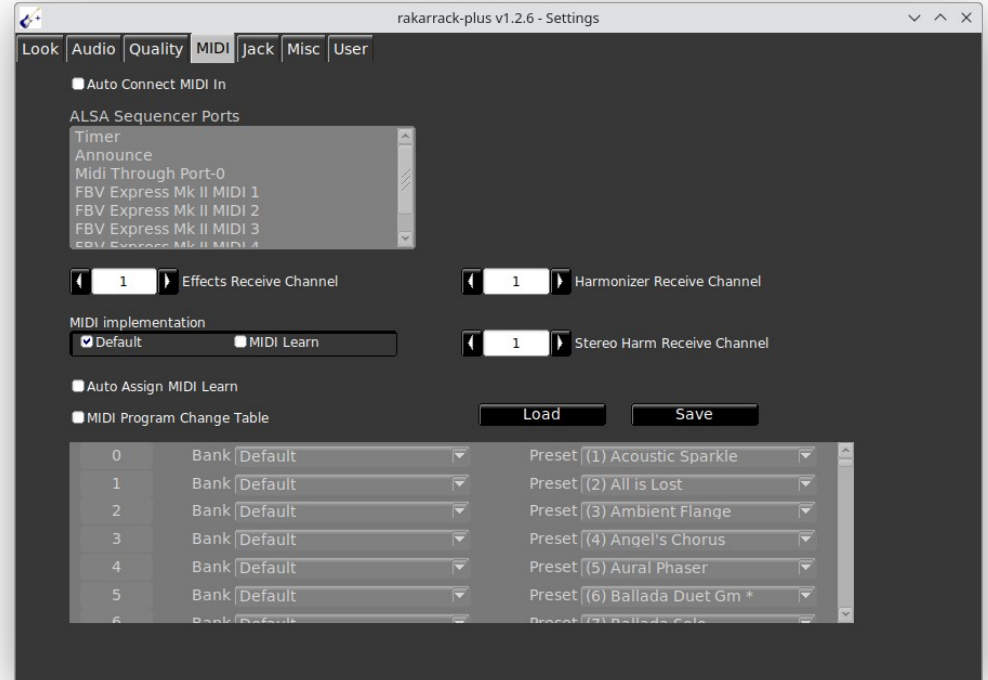




Control Parameters



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
Convolutron
Derelict
DistBand
Distortion
Dual Flange
Echo
Echotron

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

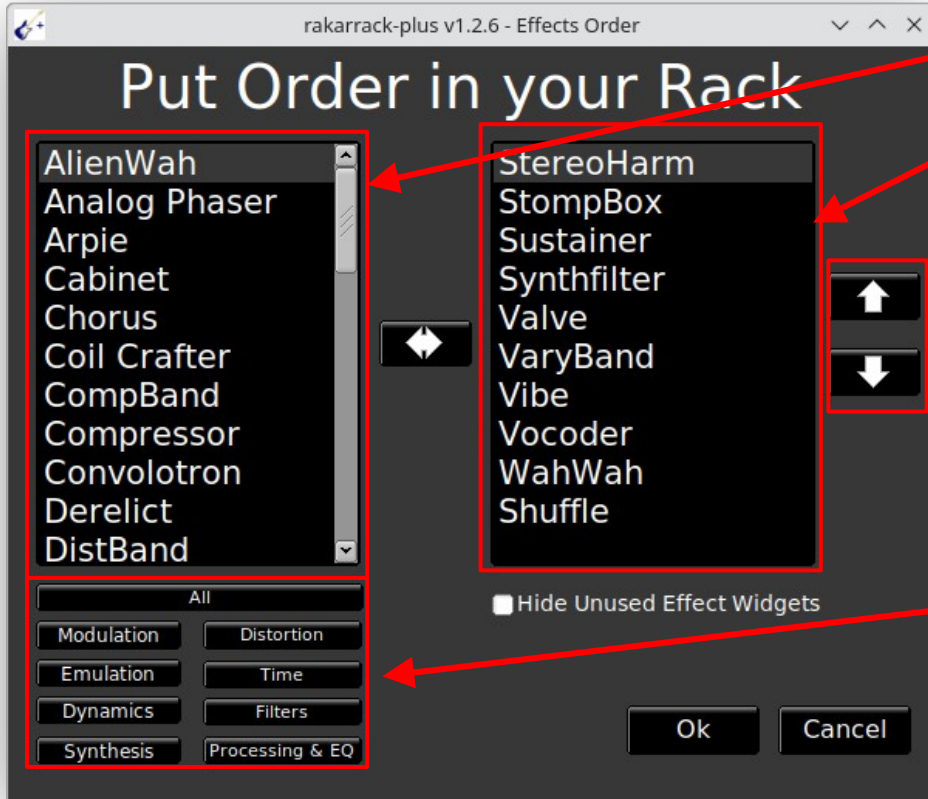
Phaser
Resolution
Reverb
Reverbtron
Ring
Sequence
ShelfBoost
Shifter
Shuffle
StereoHarm
StompBox
Sustainer
Synthfilter
Valve
VaryBand

Vibe
Vocoder
WahWah





Preset configuration



Available effects

Preset effects

Reorder preset effects chain


Filter available presets

Effect List



AlienWah <input type="checkbox"/> 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 <input type="checkbox"/> 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 <input type="checkbox"/> Subtract <input type="checkbox"/> Hyper	Arpie <input type="checkbox"/> 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 <input type="checkbox"/> Off Preset: Marshall-4-12 Gain -64	Coil Crafter <input type="checkbox"/> Off Preset: H to S Gain 32 Tone 20 Origin: Gibson Stand Freq 1 3300 Q 1 16 Destiny: Fender Strat Freq 2 4400 Q 2 42 <input type="checkbox"/> Neck Pickup
Chorus <input type="checkbox"/> Off Preset: Chorus 1 Dry/Wet 63 Pan 0 Tempo 26 Random 0 LFO Type: Sine <input type="checkbox"/> Subtract <input type="checkbox"/> Intense Stereo Df 90 Depth 40 Delay 85 Feedback 64 L/R Cross 119	CompBand <input type="checkbox"/> 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 <input checked="" type="checkbox"/> On Preset: 2:1 A. Time 45 R. Time 135 Ratio 4 Knee 84 Threshold -24 Output 0 <input checked="" type="checkbox"/> Peak <input checked="" type="checkbox"/> Auto Output <input type="checkbox"/> Stereo	Convolutron <input type="checkbox"/> Off Preset: Marshall JC Dry/Wet 60 Pan 0 Level 20 Damp 30 Feedback 0 Length 100 <input type="checkbox"/> User <input checked="" type="checkbox"/> Safe Mode Scan File: Marshall JCM200	Derelict <input type="checkbox"/> Off Preset: Distortion Dry/Wet 127 L/R Cross 64 Drive 83 Level 15 Type: Hard Crunch <input type="checkbox"/> Neg. Color 68 Sub Octv 0 Pan 0 <input type="checkbox"/> Pre Filter LPF 2437 HPF 169

Effect List



The image displays a grid of ten audio effect modules, each with its own set of controls and parameters. The modules are arranged in two rows of five.

- DistBand:** Includes controls for 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), Pan (0), and Stereo.
- Distortion:** Includes controls for 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), and HPF (15641).
- Dual Flange:** Includes controls for 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), and Random (10).
- Echo:** Includes controls for Echo 1, Dry/Wet (58), Reverse (0), Pan (0), Delay (1283), L/R Delay (65), L/R Cross (55), Feedback (12), Direct, and Damp (21).
- Echotron:** Includes controls for 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, and File (SwingPond).
- Echoverse:** Includes controls for 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), and Angle (0).
- EQ:** Includes controls for Plain, Gain (0), Q (-22), and frequency sliders for 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), and 16 Khz (16).
- Exciter:** Includes controls for Plain, Gain (127), LPF (20000), HPF (20), and harmonic sliders for Har 1 through Har 10 (all at 0).
- Expander:** Includes controls for Noise Gate, A. Time (50), R. Time (50), Shape (20), Threshold (-50), Out Gain (0), LPF (3134), and HPF (76).
- Flanger:** Includes controls for 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), and L/R Cross (17).

Effect List



Derelict _Off Preset Distortion Dry/Wet 127 L/R Cross 64 Drive 83 Level 15 Type Hard Crunch 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 LP -16 N BP 40 R 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 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 <input checked="" type="checkbox"/> On 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 <input type="checkbox"/> Off Preset Phaser 1 Dry/Wet 118 Pan 0 Tempo 16 Random 47 LFO Type Sine <input checked="" type="checkbox"/> Subtract Phase 10 Stereo Df 34 Depth 89 Feedback 9 Stages 3 L/R Cross 63	ResResolution <input type="checkbox"/> 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 <input type="checkbox"/> Subtract <input type="checkbox"/> Hyper	Reverb <input checked="" type="checkbox"/> 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	Reverbtrion <input type="checkbox"/> 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 <input type="checkbox"/> Sh <input type="checkbox"/> Safe <input type="checkbox"/> User <input type="checkbox"/> Scan ES File Chamber
Ring <input type="checkbox"/> Off Preset Saw_Sin Dry/Wet 191 L/R Cross -64 Input 64 Level 64 Pan 0 <input type="checkbox"/> Stereo <input checked="" type="checkbox"/> Auto Freq Depth 35 Freq 1 Sine 20 Triangle 0 Sawtooth 40 Square 0	Sequence <input type="checkbox"/> 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 <input type="checkbox"/> Off Preset Treble Gain 127 Level 24 Tone 16000 Presence 64 <input checked="" type="checkbox"/> Stereo	Shifter <input type="checkbox"/> Off Preset Fast Dry/Wet 127 Interval 2 Gain 0 Pan 0 Attack 200 Decay 200 Threshold -20 <input type="checkbox"/> Down Whammy 0 Mode Trigger	Shuffle <input type="checkbox"/> 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 <input checked="" type="checkbox"/> Rev Q -14



BY

Effect List

StereoHarm
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
Preset: Amp 1
Level: 48
Gain: 65
Bias: 32
Mid: 0
Tone: 32
Mode: Amp

Sustainer
Preset: Moderate
Gain: 67
Sustain: 64

Synthfilter
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
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

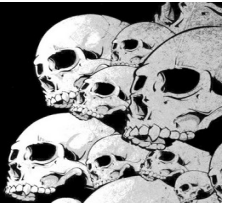
VaryBand
Preset: VaryVol 1
Dry/Wet: 127
Tempo 1: 40
LFO 1 Type: Sine
St.df 1: 64
Tempo 2: 80
LFO 2 Type: Sine
St.df 2: 0
Cross 1: 500
Cross 2: 2500
Cross 3: 5000
L: 1 M: 1 M: 2 H: 2

Vibe
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
Preset: Vocoder 1
Dry/Wet: 127
Pan: 0
Input: 70
Smear: 10
Q: 70
Ring: 0
Level: 40

WahWah
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
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

The screenshot shows the 'Presets' section of the Rakarrack + software. The interface includes a 'Presets' header, a 'New' button, an 'Import' button, an 'Export' dropdown menu (set to 'Rakarrack+'), a 'Compare' button, and a 'Bank' button. Below this is a 'Noise Synth' section with a preset list showing '35' and 'Ryan Billing'. A 'Random' button is located below the preset list. A 'Put Order in your Rack' button is positioned above the 'Rakarrack +' logo. To the right of the logo are 'Hide' and 'Sw' buttons. At the top right, there are four buttons labeled '1', '2', '3', and 'U'. Red arrows point from text annotations to these specific UI elements.

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

Switch between metronome and MIDI note detection

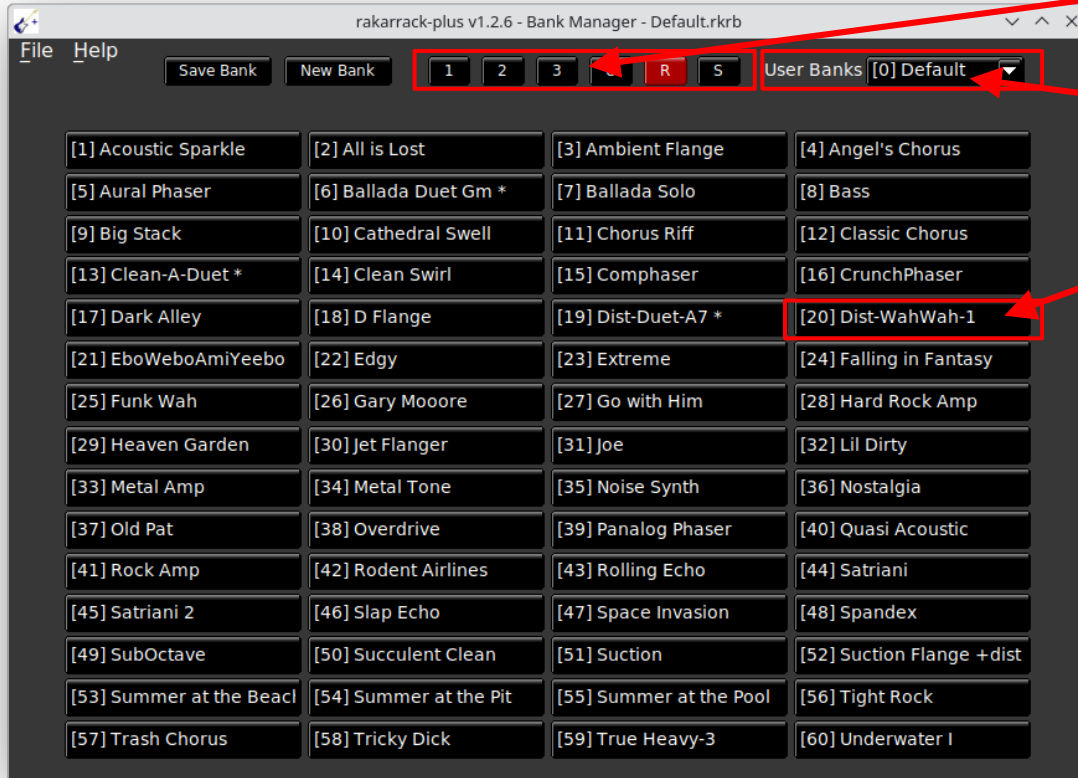
Hide unused effects

Change effects and reorder the effects in the preset

Fill randomly a preset



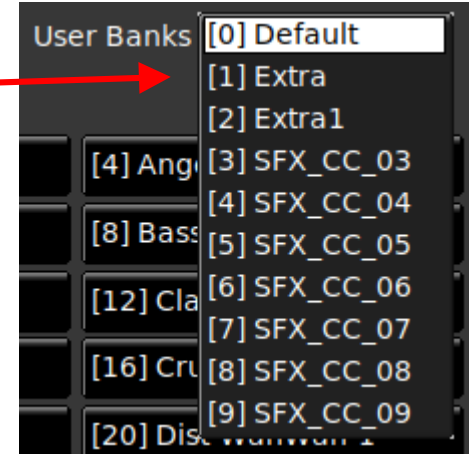
Preset Management



Default banks

User banks

Preset





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
```

