

H L L T USER GUIDE 1.18

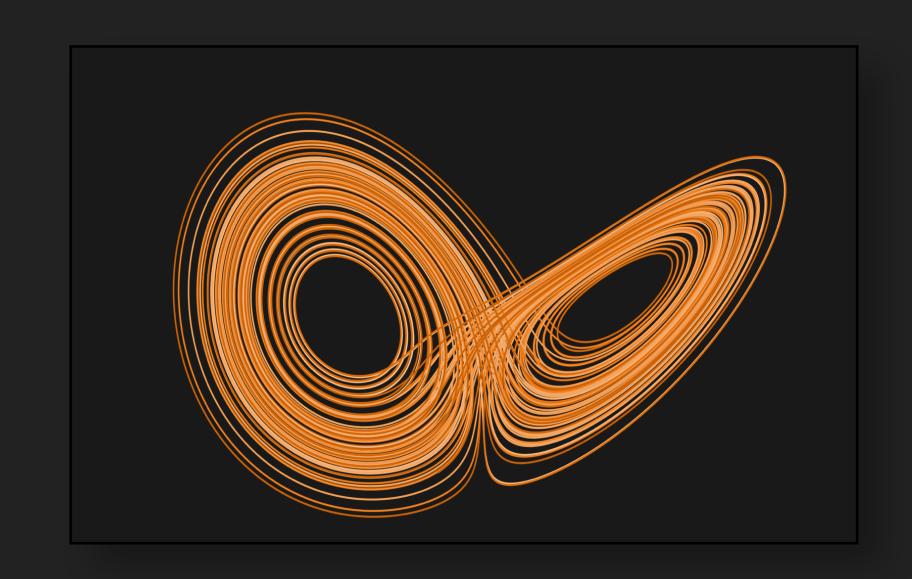


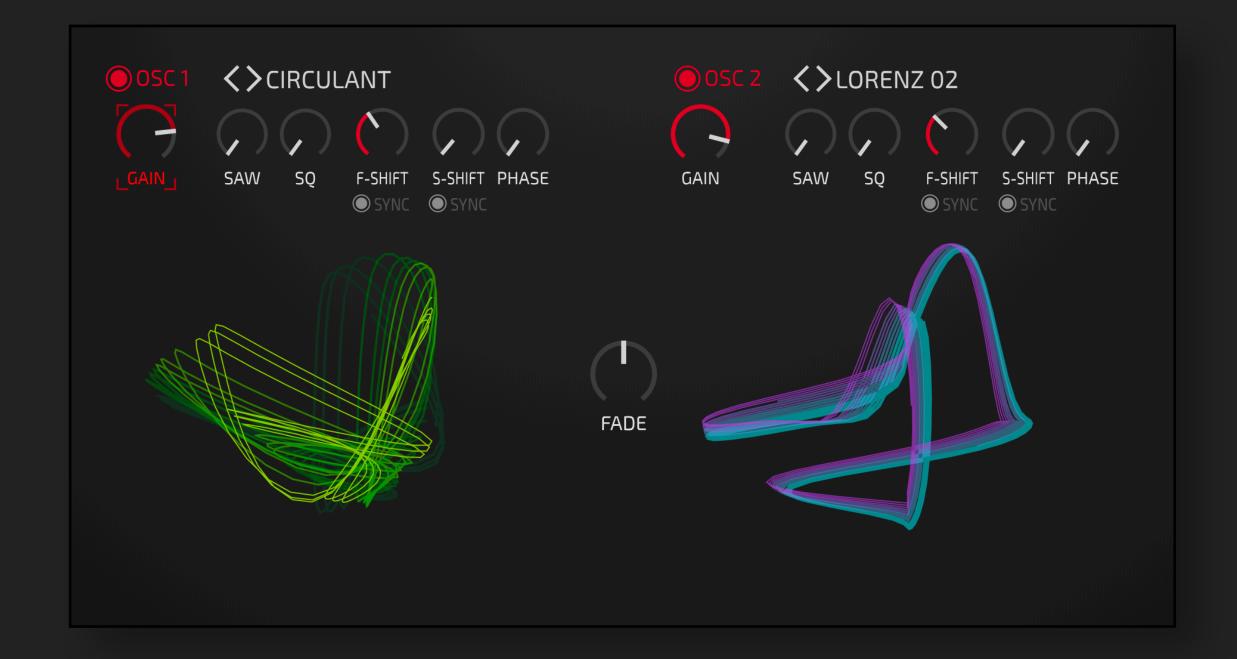
THANK YOU

KULT is a (not so) classical synth.

The oscillators are based on so called "Strange Attractors". These are objects from the mathematical theory of Chaos. Compared to classical OSCs these sound less sterile and have an inherent organic quality, offering a very warm and - if you want - delicately gritty sound.

Strange Attractors are curves that evolve over time in 3D space, while sound usually is a movement in one dimension over time. The conversion from 3D to 1D enables innovative sound-shaping capabilities that you won't find in other synths.





KULT has been designed with great care and dedication to give your creative hands the best possible tool. I hope you will find lots of fun and inspiration while exploring its exciting sonic possibilities!

You can contact me via peter@dawesomemusic.com



All the best Peter (Dawesome)

GETTING STARTED

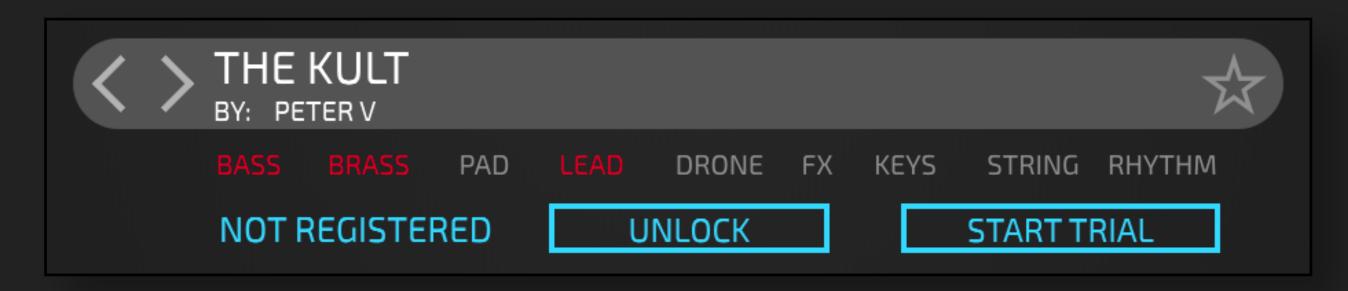
This involves two steps:

1 Install the software

This is straight forward: download the right installer for your system (.pkg for Mac and .exe for Win). You can start the installer with double-click ... I guess you have done this before.

2 Start your free 90 days trial

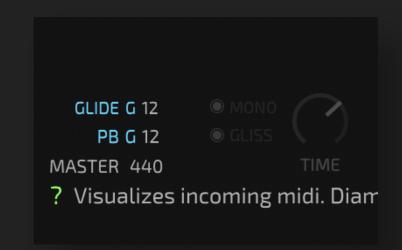
We provide a free trial for 90 days without limitations. To start your trial: Open *one instance* of KULT in your DAW. Click "START TRIAL" and provide your <u>tracktion.com</u> credentials.



If you have purchased KULT the activation works in the same way:

Open *one instance* of KULT in your DAW, click "UNLOCK" and provide your <u>tracktion.com</u> credentials.





KULT has an online help. You can de-/activate it with the green question mark in the lower left.

When you hoover any element with the mouse you will see a short explanation.

Can't hear sound? First make sure that KULT receives midi notes. Any incoming midi note is displayed in the virtual keyboard at the very bottom of the plugin.

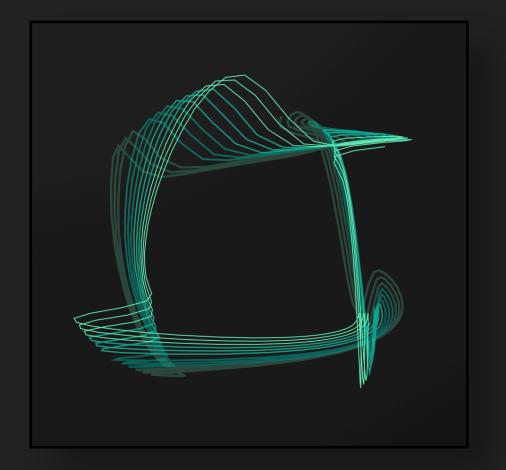
In the lower right there is a level meter displaying the generated output that is sent to your DAW. Some patches have a slow attack, you may need to hold notes for longer time.

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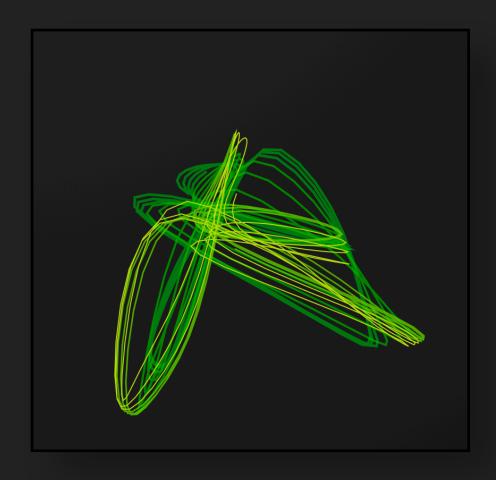




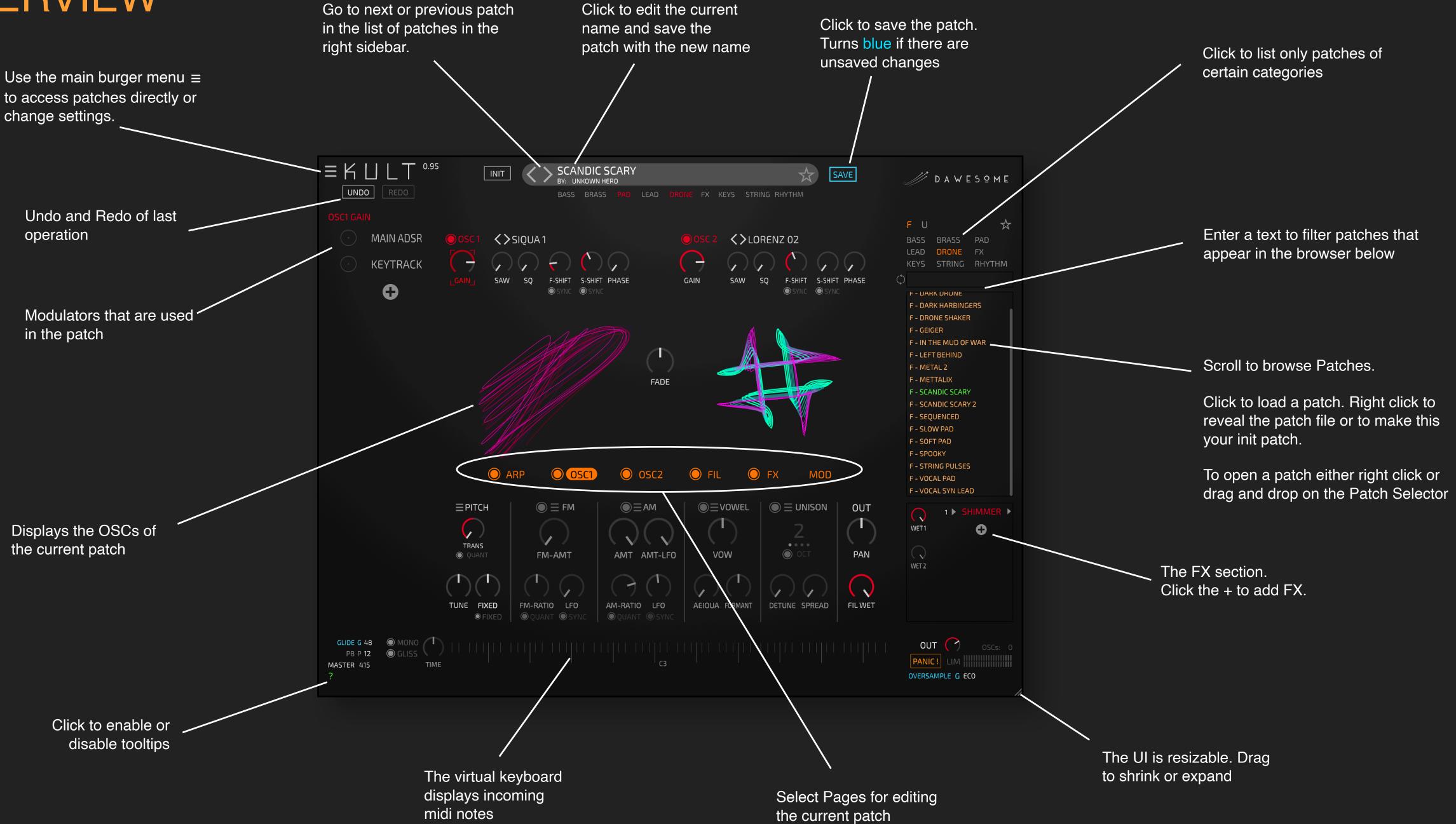




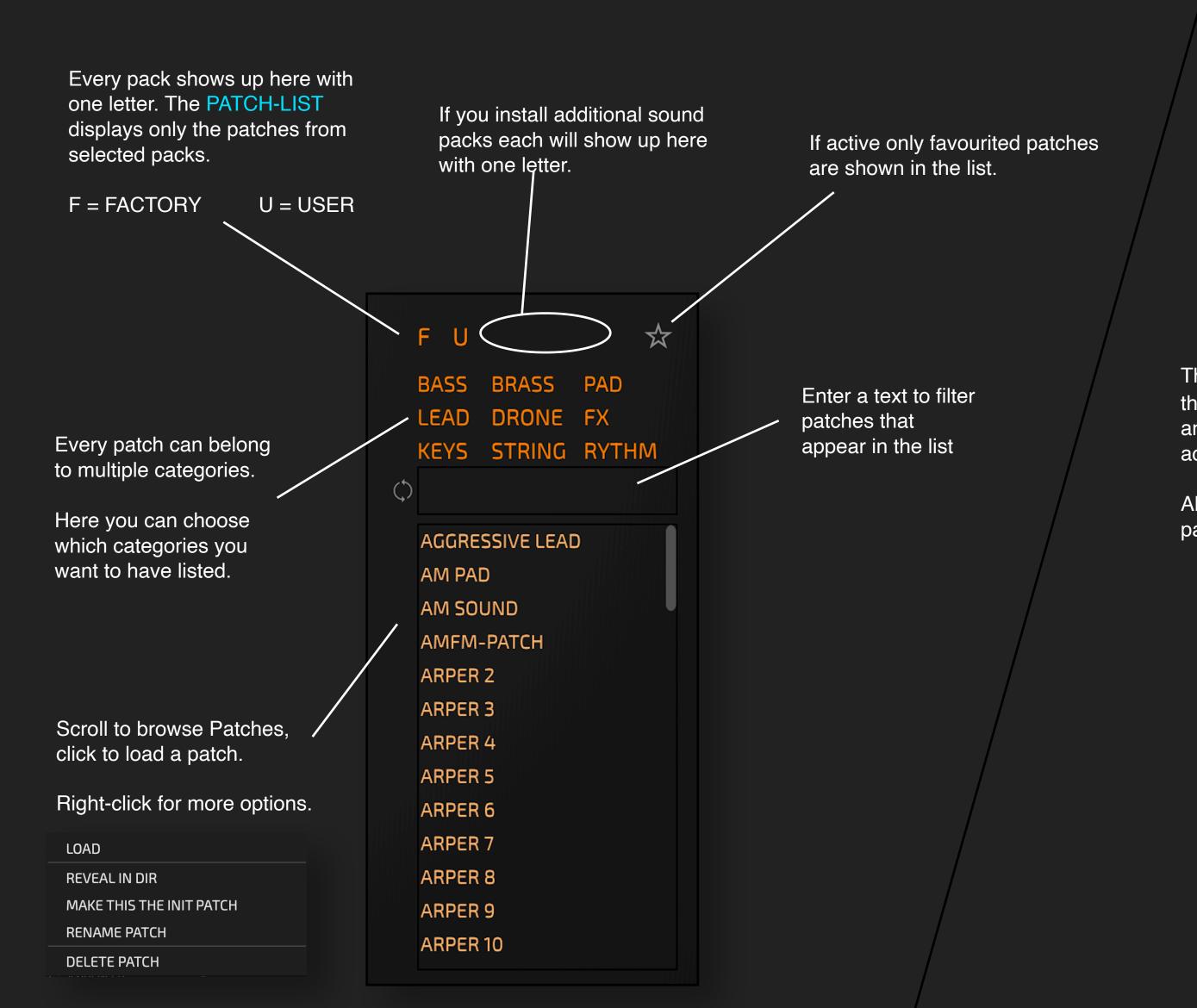




OVERVIEW

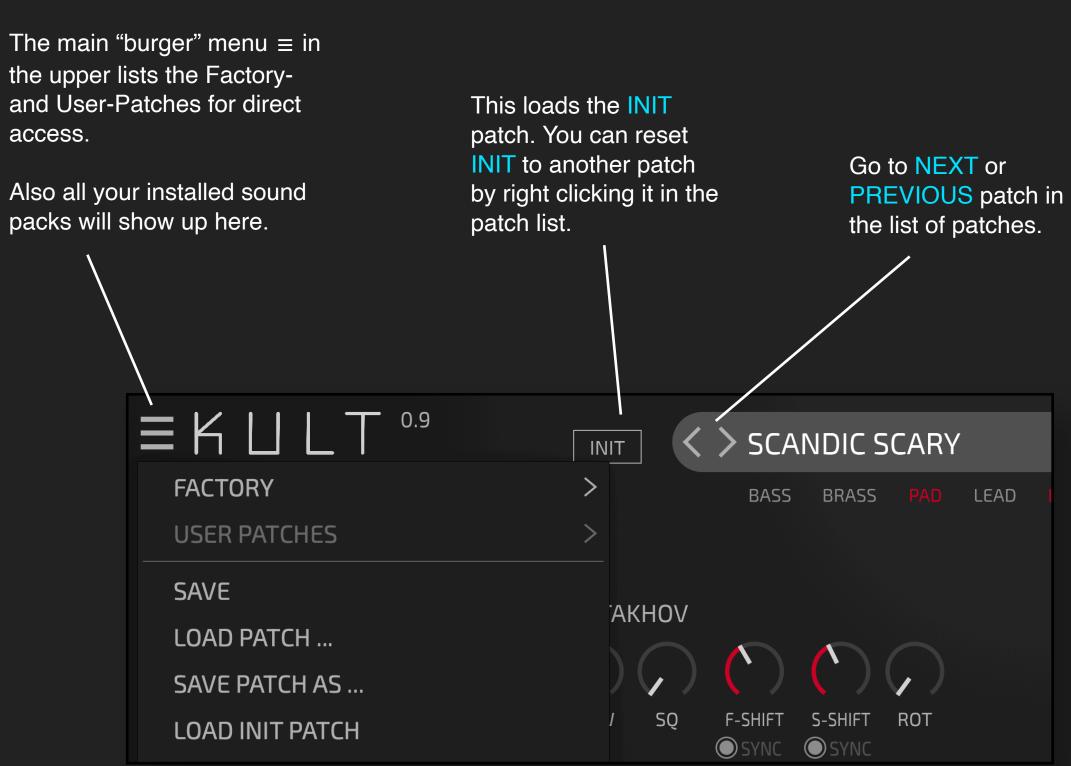


BROWSING PATCHES





- Feel free to explore and just try things out.
 KULT is a creative tool and you can always use
 UNDO if something is messed up.
- KULT is highly optimised, but it needs to perform complex computations. Hence some patches require a few moments to load.



CATEGORIES

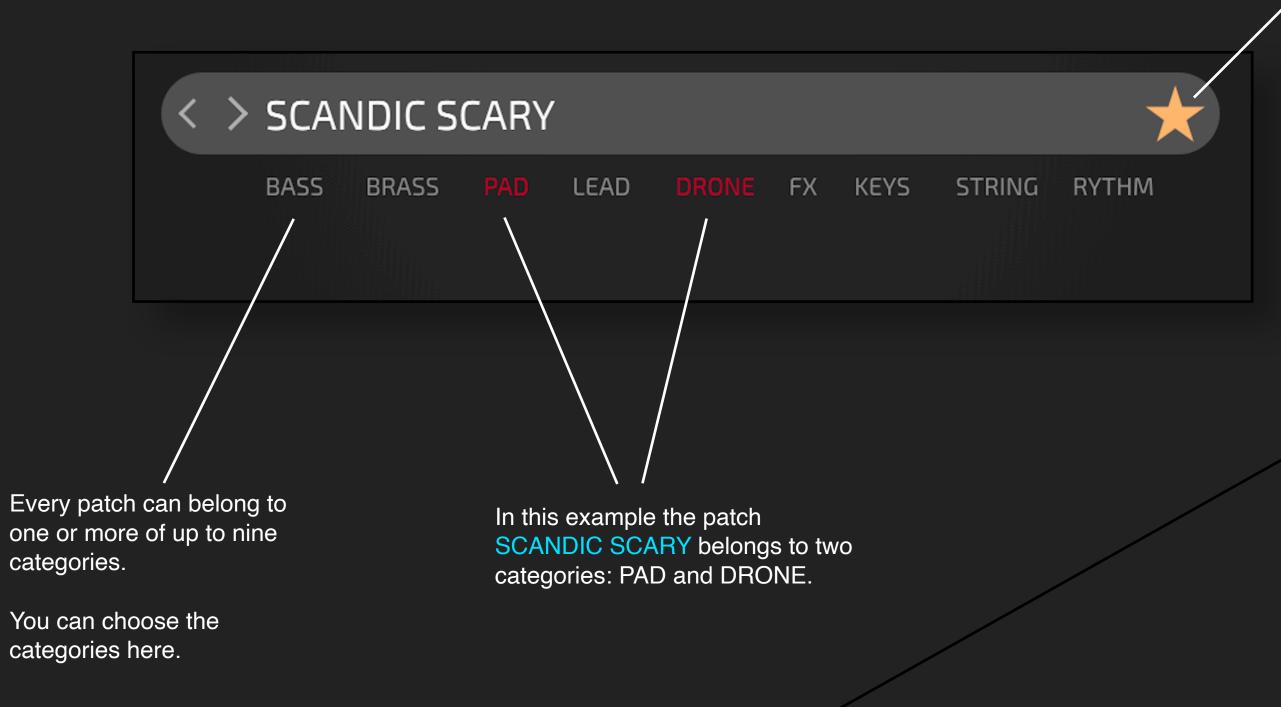
CAUTION

This information is stored as part of

the patch file, so if you change the

categories don't forget to (re-)save.

Click here to make this patch one of your favourites.

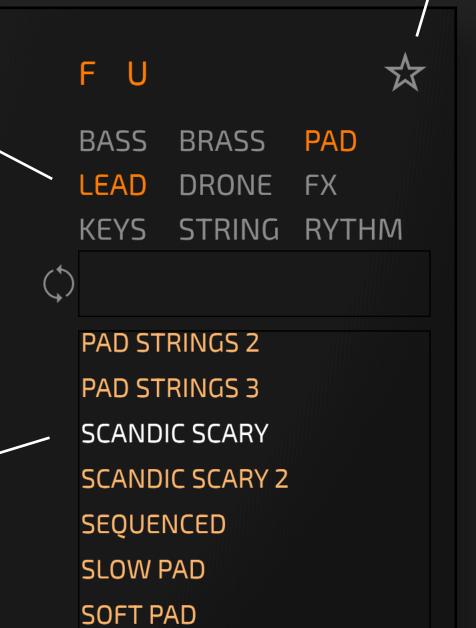


In the sidebar you can choose which categories you want to have included in the patch list.

With SHIFT-click you can select multiple patch categories. This does not narrow the search but expands it.

In this example the patch
SCANDIC SCARY belongs to
category PAD and the category
PAD is also active, hence the
patch shows up in the list.

If this is active only favourited patches are shown in the list.



OSCILLATORS F-SHIFT is a frequency shifter. **SQ** alters the wave-shape such that it becomes more Low values add slow variations. square-like. To have more control you can SYNC the frequency to the DAW tempo. SAW alters the waveshape such that it Higher values can be used to add becomes more SAW-like inharmonicity, for this use-case SYNC while maintaining the should be deactivated. original sound character. <>LORENZ 02 SBOVALI3 Each patch can have one or two* OSCs. GAIN GAIN SAW SAW What? Only two OSCs? Why not three? Plugin XYZ has 3 OSCs - isn't this better? Please note that the OSCs in KULT are complex and allow a lot of sonic changes and modulation. FADE Actually in many cases you will find that one OSC is more than enough. MOD Use this to fade between Click here to switch the

OCSs on or off.

OSC 1 and OSC 2

S-SHIFT is something you won't find on other synths. It is a bit hard to explain, but it is worth experimenting. You can view it as an LFO on the PHASE parameter.

You need to put SAW to a value above 0, otherwise it does not impact the sound.

It also interacts with F-SHIFT in nonlinear ways, so lots of room for interesting sounds.

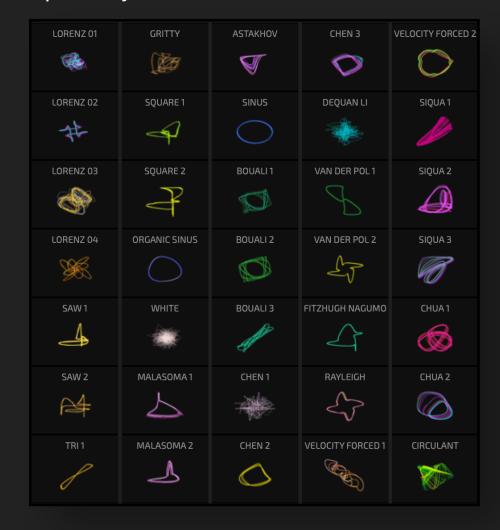
To have more control for low frequencies you can SYNC it to the DAW tempo.

PHASE shifts the phase of the waveform.



This sometimes sounds subtle, but you can modulate this value with a fast LFO.

Right-click the OSC display to pick any other OSC source.





note is ignored. Instead you can use the dial to choose a specific fixed note that will sound regardless of the notes played on the keyboard.

modulation (FM) synthesis.

You can use this to achieve the iconic sound of the 80s.

The FM-RATIO alters the timbre. Use **QUANT** to have the ratio snap to semitones, this allows to create more harmonic timbres.

Use the LFO with AMT-LFO to create tremolo effects.

Use AM-RATIO with AMT to modulate the amplitude with audio frequencies. This creates a different sort of inharmonicity.

Use QUANT to have the ratio snap to semitones, this allows to create more harmonic timbres.

Use **SYNC** to select the rate of the LFO as a multiple of your host tempo.

UNISON creates up to five copies of the OSC that sound in unison.

If OCT is active the pitches of the copies sound in octaves.

You can choose the amount of **DETUNE** for the unison copies.

SPREAD places the copies in the stereo panorama.

This is a vowel filter (per OSC).

This emphasises typical formants of the vocal tract. Use this to give sounds a vocal flavour.

With VOW you can choose the amount of the effect.

With AEIOUA you can select the vowel. Please note that this also depends on the incoming signal.

FORMANT shifts the frequencies down (lower voice) or up (higher voice).

Choose how much of the OSC signal should be processed in the filter section.



All parameters can be modulated.

You can use very slow modulations to add slight timbral variations.

You can assign controller data like modwheel or aftertouch to make your patches more expressive.

Especially FM and AM are well suited to give sounds a natural attack. To do so assign an ADSR on FM-AMT and/or AM-AMT.

FILTER

You can switch the entire filter section on or off.

Distortion creates harmonic overtones.

SOFT is a saturation,
HARD is an overdrive and
NOISE is ... noisy.



In the signalflow the distortion unit is before the COMB-filter. You can use the distortion unit to "drive" the comb-filter.



A comb filter adds harmonic sounds. Use AMT to select the amount of comb filtering.

You can select the PITCH of the comb filter (relative to the pitch of the note played)

FB is the feedback of the comb filter. It can be negative or positive, sounding very different.

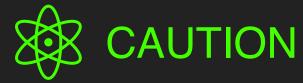
HARMONIC alters the timbral character of the signal.

A classical "analog" filter.

You can choose between modes (Lowpass, Highpass, Bandpass) and slope (12/24 dB)

With TRACK the cutoff frequency is adjusted according to the note played on the keyboard.

DRIVE refers to the analog saturation of the filter.



Always have some amount of DRIVE when you are using high values of RESOnance.

There are two independent analog filters.

Both use CUTOFF, but the second filter can have an OFFSET to the cutoff-frequency.

STEREO adds different offsets to the cutoff for the left and right stereo channel. You can use this to widen the sound.

You can choose if they should be in SERIAL or in PARALLEL.



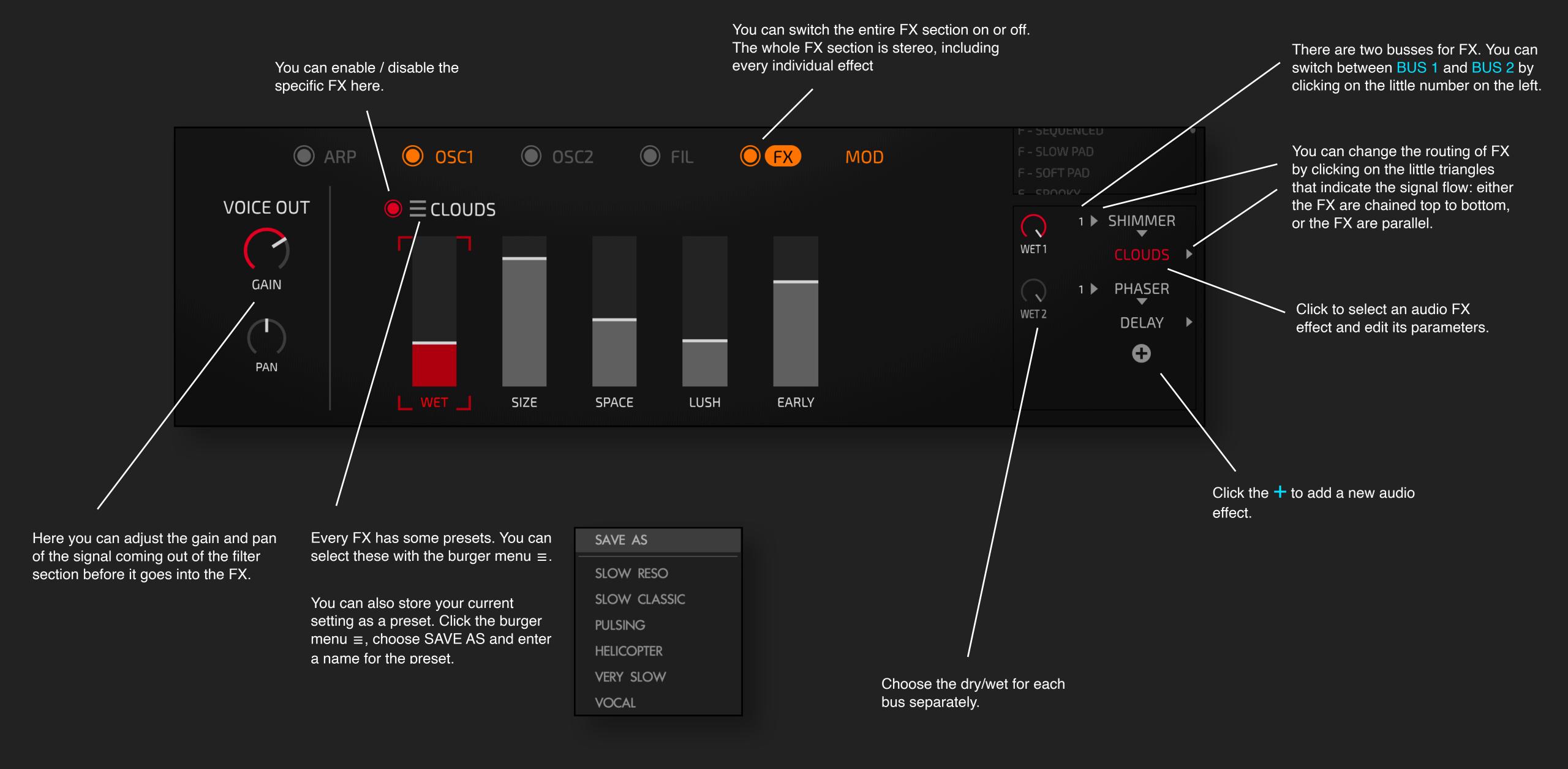
The settings of the COMB filter interact with each other.

Tiny modulations of PITCH or INHARM can create very delicate and interesting timbral variations.



Each section can be switched on/off separately. For CPU efficiency it is better to switch it off than to set its amount to 0.

STEREO FX



ARPEGGIATOR

Every section can be enabled / disabled separately. You can enable / disable the entire ARP section here. FIL **ARP** OSC2 **OSC1** MOD CHORD **=**PATTERN \equiv PITCH ■ SCALE TRANS TRANS +7 TRANS +5 TRANS -8 TRANS PAT 3 OCT 1 LEN 12 GATE TRANS **TRANS** The CHORD section creates

The CHORD section creates additional notes. In this way you can play entire chords with one finger.

The PATTERN section takes all notes that are currently played (either on the keyboard or through the CHORD section) as an input for an arpeggio.

GATE specifies the duration of every note, PAT chooses the pattern.

With OCT the pattern is played with the incoming notes and its octavated copies. The higher OCT the higher notes you will hear in the arpeggio.

With LEN (Length) you can choose the amount of steps before the pattern repeats.

If RETRIG is active the pattern will restart on the first hit of a note.

The PITCH section allows you to transpose incoming notes either by semitones or by octaves.



If the SCALE section is activated you can modulate PITCH and always stay in the scale.



You can combine sections to create specific effects. For example you can use CHORD to play multiple notes at the same time, and use scale to limit the note to a specific scale. In this way you can play chords within a scale with one finger.

All dials in this section can also be modulated, eg by RANDOM or LFO or the MODWHEEL. Use this to create interesting variations of the patterns.

THE SCALE device allows to choose which pitchclasses are part of the scale.

You can choose from plenty of predefined scales by clicking on the burger menu \equiv .

You can define your own scales by clicking on the circles.



When you click on the burger menu ≡ you can save the current scale to reuse it later.

MODULATE PARAMETERS

Modulating a parameter is really simple: click on the parameter to select it. The red corners show that this parameter is selected.

Once a parameter is selected its name shows up on top of the modulators.

Now you can choose the depth of modulation for the selected parameter by dragging the circle next to the modulator.

In this example LFO has a positive influence on CUTOFF. The KEYTRACK has negative influence, and MAIN ADSR does not impact the CUTOFF.

SELECT CUTOFF
SELECT AMT
SELECT OSC1 SAW

REMOVE

The modulators are listed in the left sidebar of KULT.

MAIN ADSR

KEYTRACK

LFO

You can click + to add a new modulator.

You can open a context menu with RIGHT-CLICK on the modulator to remove it and to show all parameters that are modulated by this modulator.



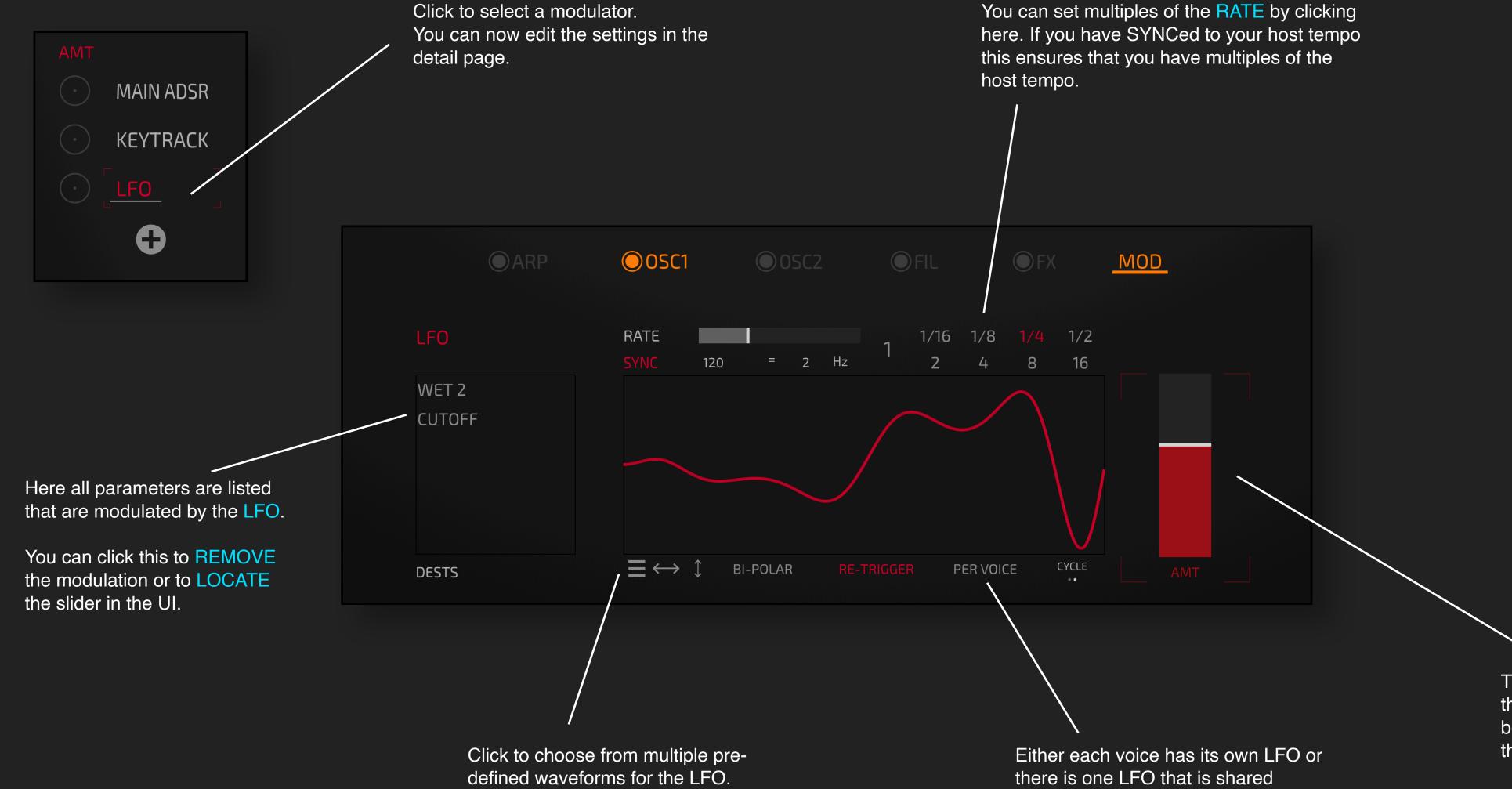
Click and drag a DIAL or SLIDER to change the value. You can drag horizontally or vertically.

When holding SHIFT you can fine-tune values.

Double click resets the parameter to its default value.

When a parameter is modulated the coloured ring indicates the current value. Every parameter can have as many modulations as you want. The modulations are added together.

MODULATORS



between all voices.



With a few modulations you can turn any boring sound into something that sounds alive and interesting. Almost any parameter in KULT can be modulated.

You can also modulate the parameters of the Modulators. For example you can modulate the rate of one LFO with another LFO. This allows you to setup complex, chaotic movements in your sound.

The AMT slider allows you to change the strength of the LFO. This becomes powerful once you modulate this (with a different modulator).

MONO MODE



If other MPE or MIDI data is relevant for

the patch. For example, if you need

add MODWHEEL as modulator.

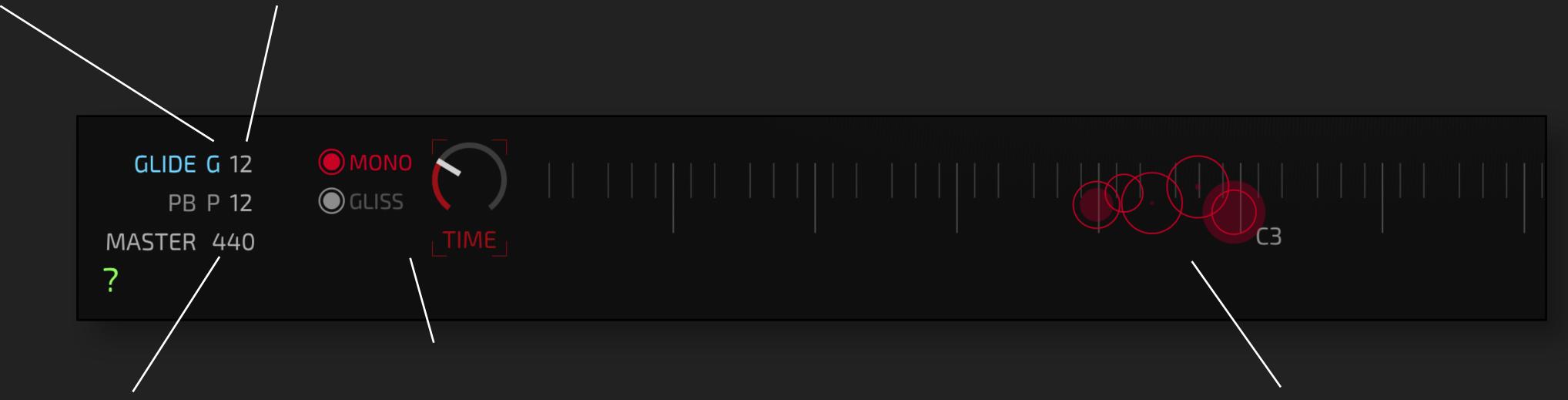
your sound you can see it in the left sidebar

MODWHEEL just click on the + symbol and

that lists all the modulators that you use in

These ranges can be GLOBAL (indicated by a blue G) or per PATCH (indicated by a gray P). Click to change.

The range of the MPE dimension GLIDE and the range of the PITCHBEND wheel in semitones per octave.



You can click to change the master pitch. It is given as frequency of A above middle C.



MASTER pitch is a global setting and it is valid for ALL instances of KULT running on your system.

Normally KULT is a polyphonic synth. By activating MONO you can make it a monophonic synth with legato function.

With TIME you can control the legato speed.

When GLISS is active you will also have a glissando between two notes if you play legato.

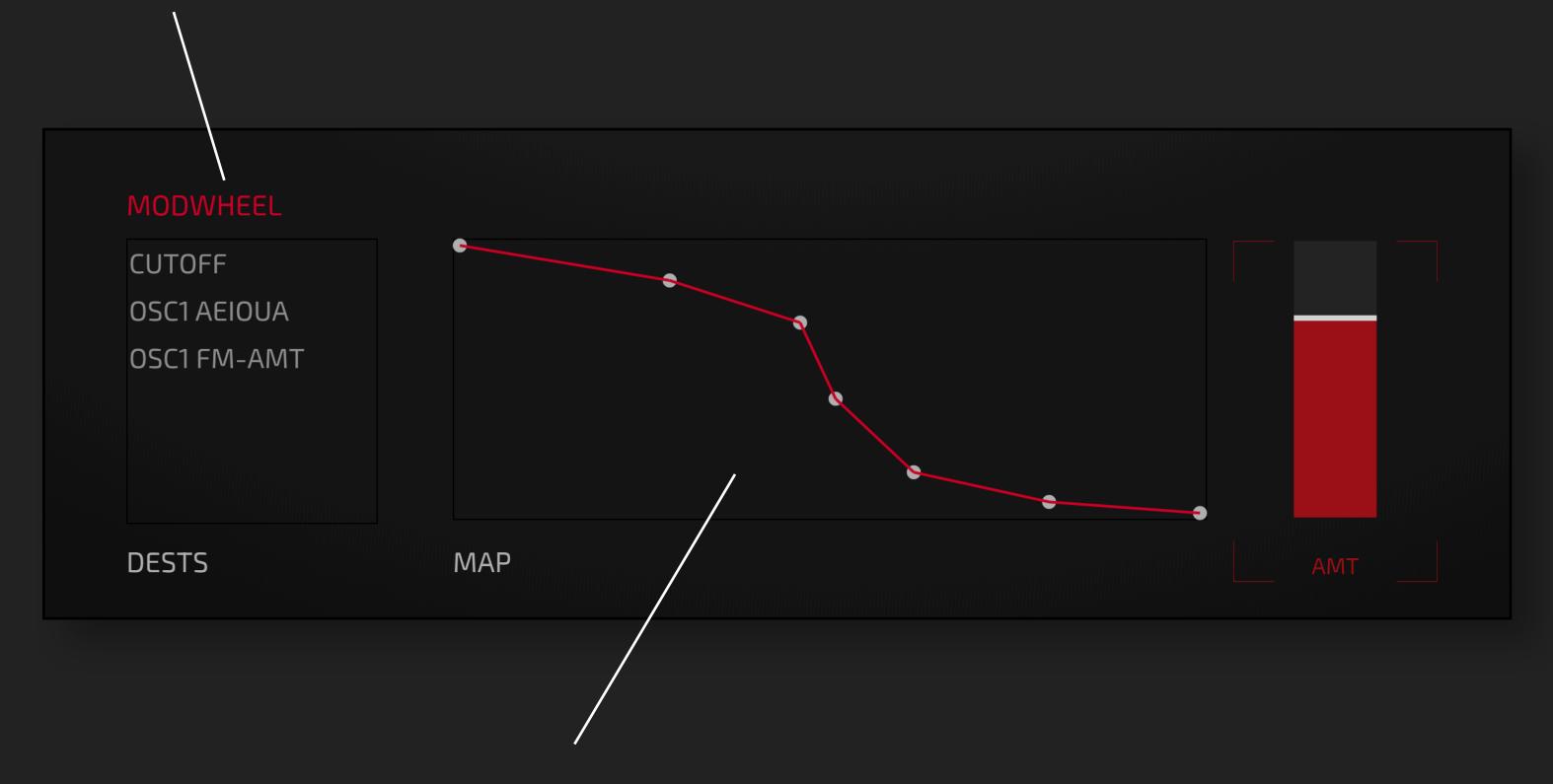
Incoming notes are displayed on the virtual MPE keyboard display.

The size of the outer circle line indicates (polyphonic)
PRESSURE or AFTERTOUCH.

The filled circle area indicates the VELOCITY.

MIDI AND MPE

Click here to change the CC, eg from MODWHEEL to CC11 (Expression).



Edit the MAP to impact how the MODWHEEL should influence the sound.

Double click to remove a point, click to move / add points.

In this example low values of MODWHEEL will have maximum impact, and if you turn the modwheel up on your midi controller the influence will be less.



Good musical instruments respond sensibly to user input. In KULT you can achieve this by modulating parameters with midi input.

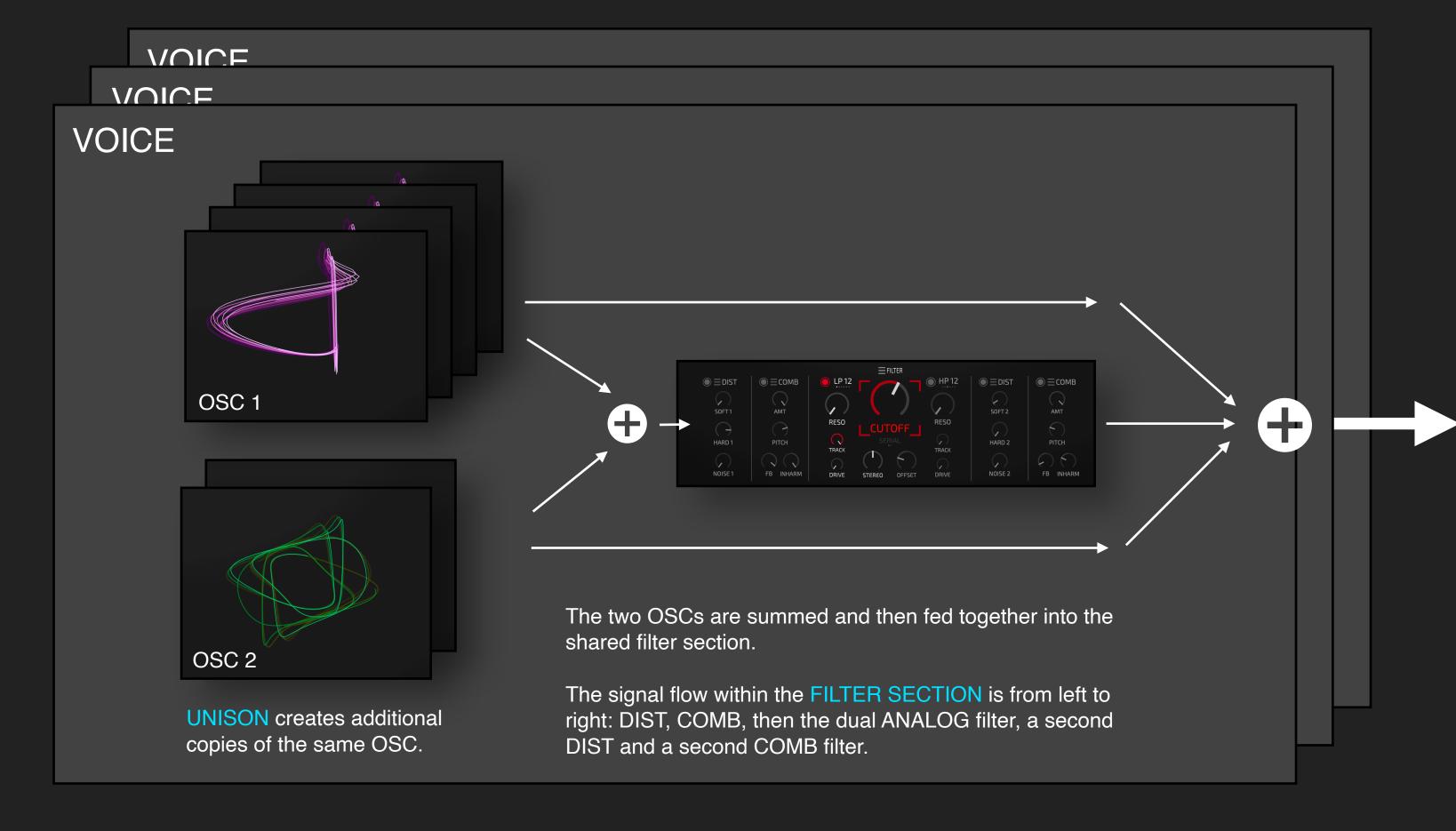
KULT also offers MPE - this is really powerful and intuitive for sound design. It allows you to "play" timbre with PRESSURE and SLIDE ... and it does not require advanced keyboard skills.

SIGNAL FLOW



In the filter section there is always one DRIVE before the COMB. The DRIVE settings can be used to shape the sound of the COMB filter.

On the OSC1 and OSC2 page there is a parameter that allows to choose how much of the OSC signal should be processed in the filter section.



The shimmer CLOUDS by CLOUDS by PHASER DELAY by DELAY

The final output has an optional Limiter.

All voices are summed and feed into the FX Rack.

The FX Rack has two input busses.



There is a switch to reduce the output by -6 decibels. You can use this in conjunction with the Limiter to drive the output hot like you would do on an analog mixing console and then use the -6 dB switch to bring the signal level down.

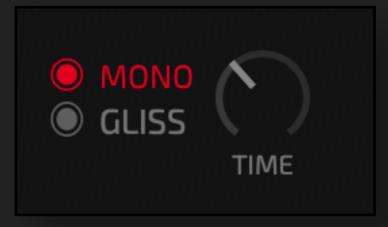
CPU Performance

UNISON isn't just a cheap audio effect, it's implemented as real unison: with a value of 5, there are actually 5 different OSCs for each note.

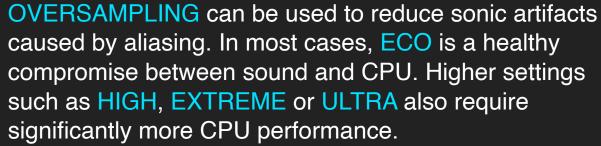


TIP

Obviously, the number of OSCs in MONO mode is limited in a natural way - and this also relieves the CPU.



Obviously - adding more stereo FX to a patch needs more CPU performance.



KULT uses ADAPTIVE OVERSAMPLING, which depends on the pitch of the played sound.



Of course, if several notes sound simultaneously, more OSCs have to be calculated. This is especially true when using CHORD of the arpeggiator.

Long RELEASE times are often problematic, especially with exponential decay. If the release curve is set to be more linear, the release time can be reduced, often without any noticeable loss of sound. In this way, the CPU performance can often be greatly reduced, especially when using ARP.

Here you can see the number of simultaneously processed OSCs.

The maximum number of OSCs can be limited here. At "G" a general value for KULT can be set - it applies to all instances of KULT. Set this value such that it fits the performance of your system.

At "P" a value can be set for the current patch, which can also be used creatively.

The smaller of the two values is actually used.

Sound Packs





If you are sound designer and you want to distribute a sound pack you can use the auto-install functionality:

- create a folder with the presets of your pack
- give the folder a meaningful name, especially take care for the first letter
- zip the folder. Rename it to YOUR PACK NAME_KultPack.zip

Provide this zip file for download. When an instance of KULT is opened it checks the users download folder. If KULT finds a _KultPack.zip it unzips it and installs it into the right place.

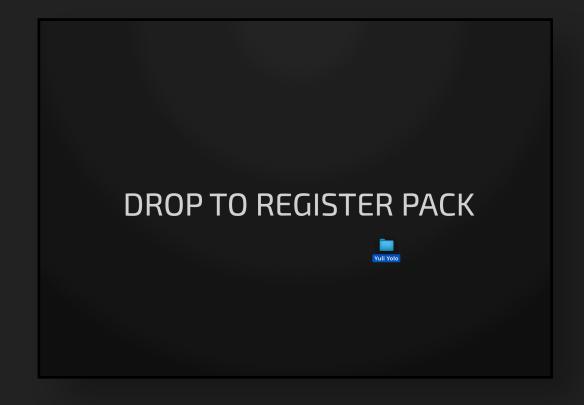
There are sound packs available for KULT. All installed sound packs are listed here with the initial letter as indicator.

F - Factory Presets

U - User Presets



A sound pack is just a folder that contains multiple preset files for KULT. You can install a sound pack simply by drag and drop from the file system.



MICROTONALITY

KULT supports two methods of retuning: MTS-ESP and MPE pitch bend.

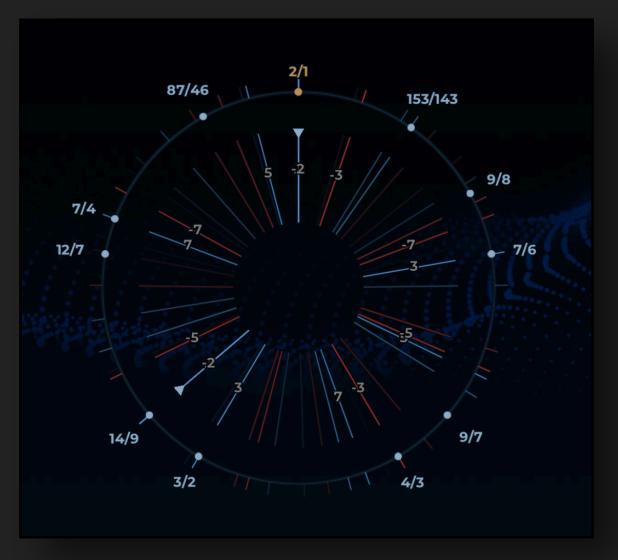


Microtonality means tuning notes differently than the 12 equal divisions of an octave, which is the modern standard.

Many kinds of music make use of alternative tunings, but software instruments have usually been written to only play in 12-equal. In recent times this is changing, more and more instruments allow the musician to decide how the notes should be tuned.

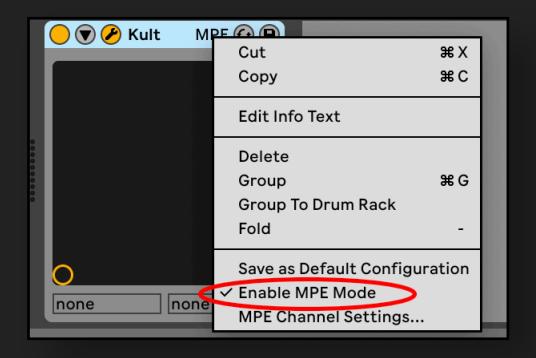
There are many possibilities. Some only subtly different from 12-equal, some very drastically so. Happy exploring!

KULT supports the MTS-ESP standard created by <u>ODDSOUND</u>.



You can also retune KULT with MPE pitch bend, typically generated by a plugin like Entonal Studio or Abletons Microtuner. Make sure to load KULT as an MPE instrument.





Explore different tunings with MTS-ESP

KULT supports MTS-ESP, which allows you to easily explore tunings other than the standard 12-TET. You'll need an MTS-ESP source to set the tuning, for the following example we'll use the (free) MTS-ESP Mini.



INSTALL / PREPARE

Install the <u>free MTS-ESP MINI</u> from ODDSOUND

Download some scales:

- the Surge Synth Team collection of Scala SCL and KBM files
- the <u>Sevish Tuning Pack (v1.1)</u> contains another small curated collection of tunings for intonation explorers
- The <u>Scala Scale Archive</u> is a large collection of over 5100 scale files

This should be sufficient to get us started and last through several music making lifetimes!



HAVE FUN

In your DAW create one track and add one instance of MTS-ESP Mini. This track does not need to be armed for recording.

Load an instance of KULT on any adjacent track. Arm it to receive MIDI input from your controller.

Now extract some of the above SCL-KBM files on your computer and arrange them so they are easy to drag-and-drop into your DAW.

Drag-and-drop "HD2 06-12.scl" from the Surge XT Tuning Library onto the UI of MTS-ESP Mini to get a feel for how it works. This should instantly tune KULT to the scale.

Now play across the range to hear the new intonation.



Working in 12-equal, no extra effort is needed to make each software instrument play the same tuning; they (almost) all play 12-equal by default. Working in other tunings however, up until now we've had to manage the tuning of each instrument individually.

When the goal is for all instruments to play in the same tuning this gets very repetitive, albeit doable. MTS-ESP fixes that. It's the closest thing today to a central DAW-integrated tuning feature: set the tuning in one place, all the instruments follow suit. Just like setting the tempo and time signature.

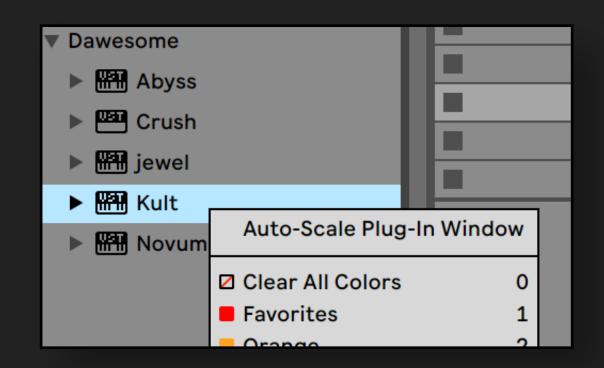
If the MTS-ESP source supports it, you can also change the tuning on the fly (with automation or MIDI), for example slowly changing key from G to Bb over the course of 6 minutes.



I recommend the <u>Surge Synth Team tuning</u> <u>Guide</u>, which lists all MTS-ESP plugins.

Q: The video looks pixelated / distorted

A: In the main burger menu in the upper left there is an entry to DISABLE OPEN GL. Please try to activate this setting, then reload your project - the plugin needs to be reloaded to make this change active. If you are using Ableton LIVE on Windows: make sure, that Auto-Scale Plug-In Window is NOT activated.

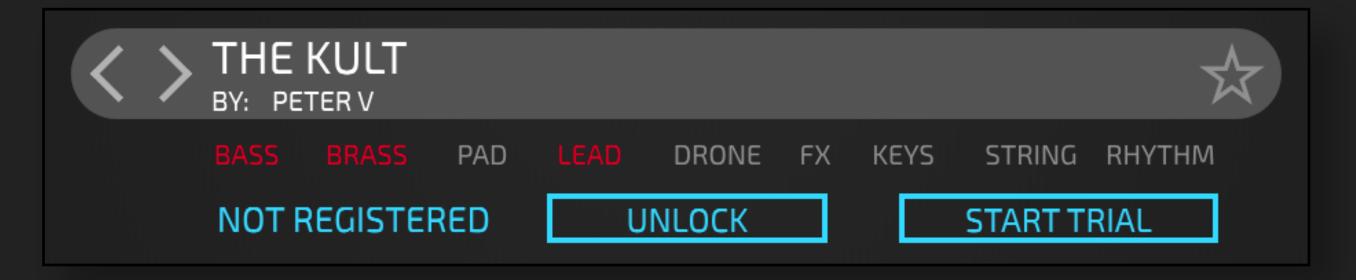


Q: I can't hear anything!

A: First make sure that KULT receives midi data - you can see incoming midi notes in the virtual (MPE) keyboard display at the bottom of KULT. Each note is displayed with a circle. Next check if KULT generates audio - you can see this in the meter display at the lower right. Please try this with one of the factory patches. If this did not help: is at least one of the OSCs active? Is your Attack time very slow? Is the AMT of the Main ADSR set to a very low value? Is the FILTER blocking the audio (try to deactivate the whole filter section)? Is the voice gain (on the FX tab) set to a very low value? Is the OUT parameter set to a very low value?

Q: Every few minutes there is annoying noise - I thought this has a 90 days unconstrained demo period?

A: You need to start your 90 days trial period. To do so just click on START TRIAL and enter your tracktion.com user credentials. The free trial is unconstrained for the entire 90 days - no one should purchase KULT without being convinced about it!



Q: I installed KULT, but it does not show up in my DAW?

A: In most DAWs plugins are listed by manufacturer name. You find KULT listed under DAWESOME. If this does not help - please make sure that VST3 (or AU) is activated in your DAW.

For Protools users: plugins come in various formats; the most common are VST, VST3 (and AU on Mac) - these are the industry standard. Protools has a proprietary plugin format and is not able to host VST or AU plugins. Kult is available only as VST3 and AU. But there is a workaround: you can use a wrapper plugin. There are two that I can recommend:

- BlueCatAudio Patchwork
- KushView Element this one is even free

You load the wrapper Plugin in Protools, and then you insert Kult in the wrapper - its simple and works like you had opened Kult in Protools itself. The advantage is: there are many plugins on the market that are available only as VST or AU - with this wrapper you can use them all in Protools.

Q: I am experiencing audio drop outs - what a lousy plugin!

A: I can understand your frustration! Rest assured that I spend an insane amount of work to make the underlying technology CPU efficient and to support aged hardware and OS versions. As a designer I could easily limit the polyphony to a low number to make sure it will always run smoothly on all kind of hardware, but that would also limit the possibilities for users with high spec systems. Please have a look on the page about CPU Performance. I recommend to set a (G)lobal limit to the maximum count of OSCs. KULT uses a smart algorithm to choose which OSCs to fade out.

If this does not help - most likely something is wrong. Please drop me a short description to peter@dawesomemusic.com - ideally with the information of your computer, your DAW, your OS and the specific patch that causes the issue.

Q: I want to automate a parameter of one of the stereo audio effects - but it does not show up in my DAW?

A: The existing plugin standards like VST3 and AU operate with a fixed set of automation parameters. A plugin tells the DAW what parameters it has when it is loaded into the DAW; but there is no mechanism to change this afterwards. As every patch in KULT has different set of effects also the parameters are changing.

But there is a workaround: you can add a Midi-CC modulator to your patch in KULT and use this to modulate the FX parameter you actually want to change. Then in your DAW you automate the MIDI-CC.

Q: How can I modulate a parameter?

A: Please check this page - its explained here.

Q: Why are Scala tuning files not supported?

A: Because there is a much better solution! It's called Entonal Studio. It's a plugin that I recommend to every musician interested in microtonal. It allows loading and editing of tunings and uses MPE to then play instruments microtonally.

Q: I have a cool idea for a great feature!

A: Cool - if you want to share this idea with me please drop me an email to peter@dawesomemusic.com. Please note that I may have had the idea before and hence I won't pay you license fees or whatever if I choose to implement this idea or a related idea in one of my plugins. If you believe your idea has tremendous commercial potential make sure to get a signed agreement before sharing the idea with me / anyone.

Q: Why are all your plugins so expensive - you are ripping me off!

Q: Why are all your plugins so cheap - this is too good to be true?

A: I am a single person indie developer. Mainly I follow my heart and create the instruments I'd like to use on my own as a musician. I do not aspire to get rich in money with it, I aspire to get rich in contentment and fulfillment. However, I also need to pay my bills, and I also want to pay sound designers fairly for their work. I am trying to give my products the lowest prices possible to make a living, and I am not going to be a millionaire anywhere soon (or ever).

Q: I have a question / feedback - where can I leave it?

A: Just drop me an email to peter@dawesomemusic.com - I appreciate any kind of constructive feedback and I am trying my best to have any user satisfied, regardless wether you purchased or not. Usually I try to answer within a few days.

Q: I like your work - how can I support you?

A: Thank you - this is my real reward for the work I am doing! I hope you will find lots of fun and inspiration with KULT or my other plugins. If you want to support me: spread the word - many (most?) people simply have not heard about my plugins.

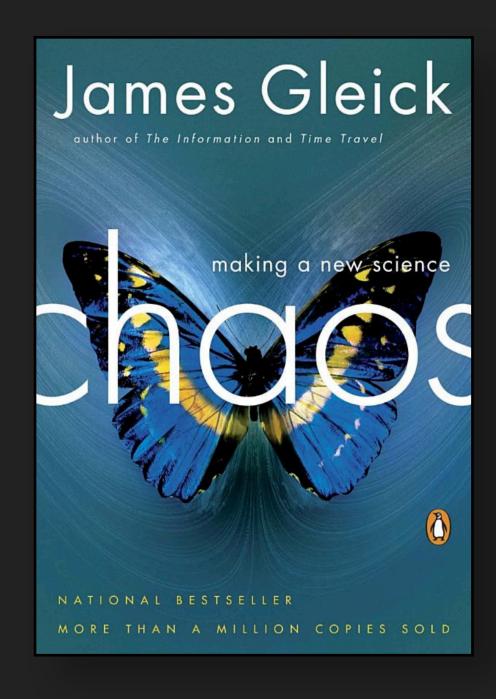
THE UNDERLYING TECHNOLOGY

The engine of KULT works with unique complex oscillators based on the theory of Strange Attractors. This stems from a branch of mathematics that deals with nonlinear dynamic systems and describes the behaviour of motion in space under forces. These objects are curves in 3D space, and they often exhibit quasi-periodic or chaotic behaviour. Most famous is the so called Lorenz-System. This was discovered when Lorenz examined the behaviour of global air convection.

The topic of Chaos Theory and its applications may seem dry, but it is utterly fascinating and surprising! I recommend the book "Chaos: Making a new science" by James Gleick - this book does not require any math background and reads like a page turning thriller.

Even though these Strange Attractors live in 3D space they have some kind of oscillatory behaviour, which can be translated into sound. The first experiments created very rough noise, barely usable for delicate sounds. So I approached it from the other end: taking normal sound and transforming this into a curve in 3D space. This allowed me to visualise and understand certain characteristics of sound, and to alter sound by transforming the 3D space. SYNTIFY in the granular synthesiser Novum was the first application.

In this way the natural chaotic behaviour of Strange Attractors can be translated into sound, such that it becomes a very musical oscillator. Small amounts of chaos create lush warm sounds, higher amounts of chaos can be used to create grit and bite. The representation of sound in 3D space also allows for Frequency Modulation, offering even richer sonic possibilities. Or you can use a very rough oscillator model to drive a comb-filter for physical modelling. Or ... well ... the possibilities are endless.



The downside of this approach was CPU efficiency. The initial versions took minutes to compute a few seconds of audio. Another challenge is precision: the nature of dynamic systems require a certain amount of computations, and this grows with the frequency. Hence especially higher notes are extremely expensive to compute. To make things worse - also Aliasing-Artefacts become a problem with higher frequencies, usually solved with oversampling (meaning much more computations). So in order to take it from theory into practice a lot of optimisations had to be developed to make KULT a reality.

CREDITS - THANK YOU!

Many, many people supported the creation of KULT:

- tracktion.com like a band needs a label, every plugin designer needs a partner. I enjoy the excellent cooperation within their unique Tracktion presents program
- KULT is implemented in C++ using the <u>Juce Framework</u>. I am grateful for its existence and for the community of JUCE developers.
- Nigel Redmon has published an intriguing series about analog ADSRs. I took inspiration and design choices from his series.
- Valdemar Erlingsson is the creator of the gorgeous free reverb plugin called Cloud Seed. I took inspiration from his work for the CLOUDS effect in KULT
- Jacky Ligon and Andreya provided the Microtuning and MTS-ESP explanation in this user guide

Sound Designer / Early Access / Beta testing

- Yuli Yolo is well known for his sound design work with U-He, UVI, Arturia, Tracktion and many more. He provided feedback and created a lovely set of sounds that showcase the wide range of sounds you can create with KULT
- Databroth was supportive with ideas, feedback and gorgeous patches. If you haven't done it already: go and subscribe to his channel
- Resonate Sound Design tested KULT and provided not only a comprehensive set of patches, but also a lot of feedback
- Tomavatars has been amongst the first users, found bugs, and provided feedback
- Spektralisk has given a lot of feedback and created lush patches for KULT
- sadà\exposadà has given feedback and donated patches for KULT
- C-You FX helped plating out a lot of issues, tested Mac OS 10.13 compatibility and donated patches
- Pier Bover provided a video and comprehensive, essential feedback for KULT
- Bee Abney provided essential feedback, spent a lot of time to review and improve the KULT user guide and donated patches
- Daniel Alflatt provided feedback, sparring and patches, he also created the preset demo video
- Temme Sikkema (aka doctoremmet) helped me to get in touch with a lot of people and was always encouraging
- Florian Mrugalla develops plugins and created insightful video of his first hours with KULT
- Douglas Hill aka tau(n)t did a lot of bug hunting and gave important feedback
- Felix Petrescu aka Makunouchi Bento, Steven Frazier aka Saf Ro, and Philip Rampi all provided important feedback

ABOUT ME



My name is Peter and I am the creator of KULT. It is my 4th instrument after Abyss, Chop Suey and Novum.

I am a musician at heart, playing the bassoon and contrabassoon in multiple ensembles and I have a lifelong passion for synthesisers.

With a PhD in maths - I love maths - and getting paid for it I can proudly call myself a professional nerd.



I have a few core beliefs that drive my work:

- Creativity is fun I am dedicated to make your creative process a joy ride.
- Intuition over numbers when I make music, I rarely (want to) think in numbers and maths, I want the creative process to flow with intuition.
- Nuanced response as a wind instrument player I am used to feeling united with my bassoon while playing the instrument responds to every subtle change in tension, breath or posture. It is this musical quality I am striving for in the design of my virtual instruments.
- Simplicity rules life is already complex enough. User interfaces shall be as simple as possible, and it's worth going the extra mile.
- Quality over Marketing I believe creating innovations and paying attention to details is a better use of my resources then running marketing campaigns or spamming your inbox. Please spread the word if you want to support my work!

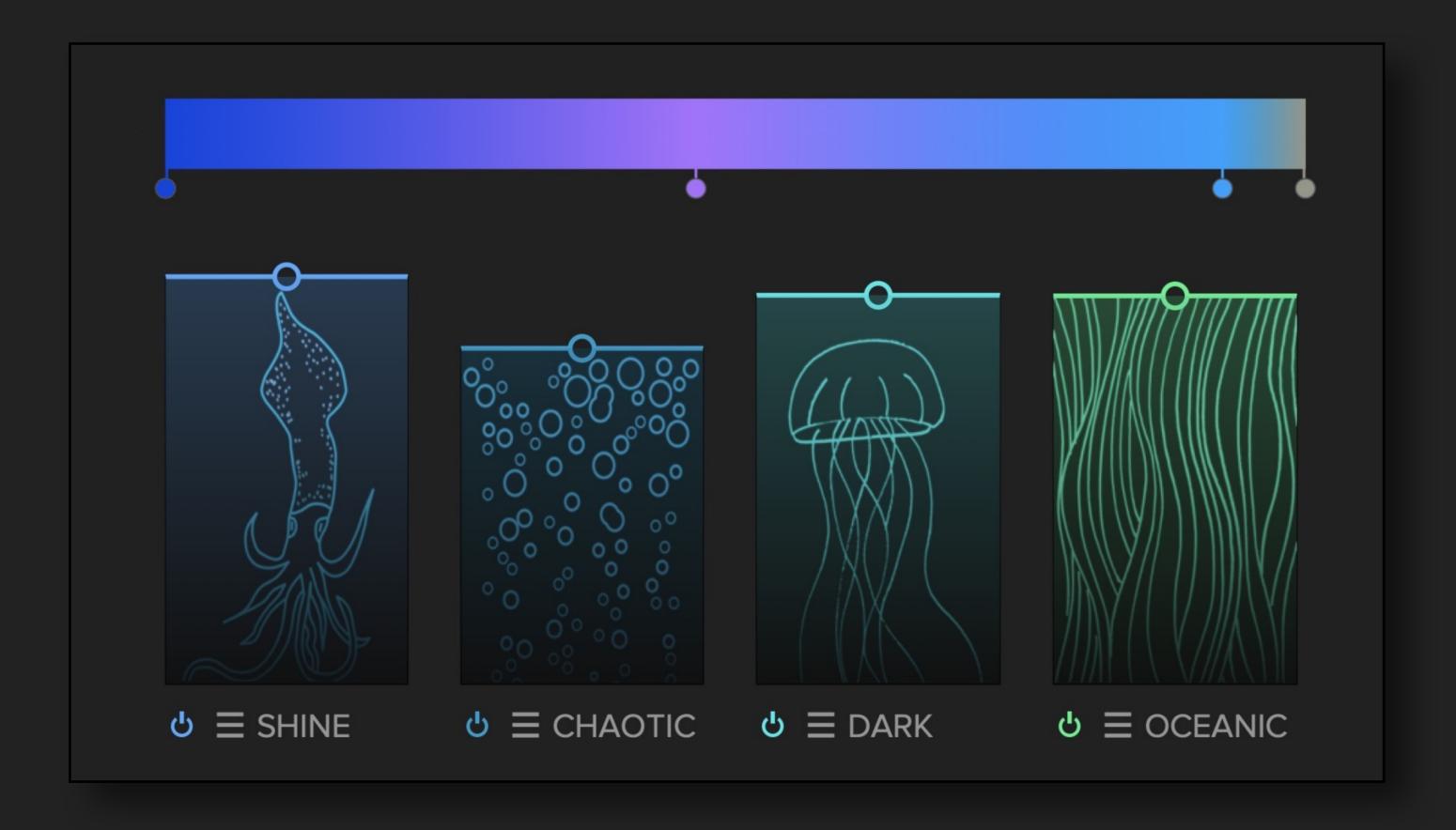
Thank you very much for your interest and support!



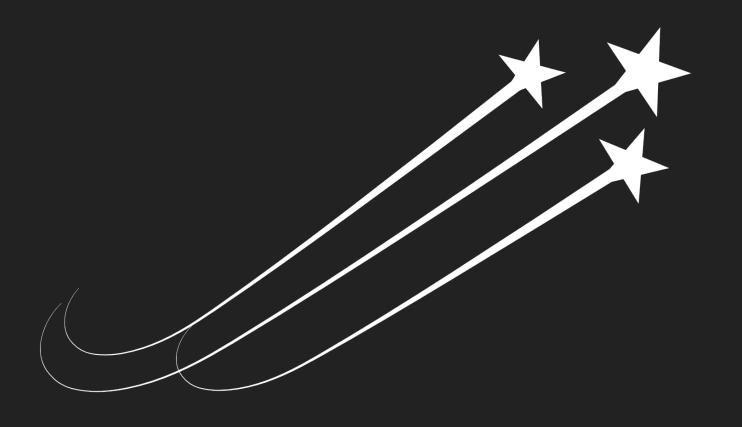
Dawesome Village

... is the **friendly and supportive community for sound lovers** on Discord!

You can join by clicking on the invitation link below. You will find many interesting people, tons of information, many freebies like sample packs and presets and much more...



Invitation Link: <u>Dawesome Village</u>



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