

Kraft RE

Main operation.



Kraft includes 29 Waveforms

WT Saw Phase

WT Square Phase

WT Tri Phase

WT Square PW

WT Sine Octaves

WT Square Walk

WT Saw Sync

WT Sine Sync

WT 8 Harmonics

WT SST Phase

WT Waves A

WT Waves B

WT Waves C

WT Waves D

WT 8 Saw Types

WT 8 Sqr Types

WT Exp PW A

WT Exp PW B

WT Exp PW C

WT Exp PW D

WT Exp PW E

WT Exp PW F

WT Exp PW G

Bro-Whi Noise Index Selects Noise Type

WT Dirty SQ PW

WT Exp Organ

WT Exp Bottle

WT Hollow Wave

WT Reduced Vox

The oscillators

Kraft has 3 oscillators available.

Each oscillator has 3 sections:

Main / Filter /Mod (Modifiers)

Osc Main section controls:



- Waveform - Selects current waveform.
- Trig / Free - Retrigger or free-running waveform
- Level - Oscillator output level
- Pan - Oscillator output panning
- Semi - Tuning in semi steps -24 to +24
- Cent - Fine tuning in cent steps -99 to +99
- Index - Wavetable start position
- Modulations - Dedicated per osc modulation matrix

Osc Filter section controls:



LP24 / BP12 - Dedicated oscillator filter type

Cut - Oscillator filter cutoff

Res - Oscillator filter resonance

Drive - Oscillator filter drive shift - + (Less or more drive effect)

Key - Filter keytrack shift - + (Less or more keytracking)

Osc Mod (Modifiers) section controls:



The Mod (Modifiers) section splits the oscillator into two copies for further modulation.

- ON / OFF - Enable or disable the oscillator modifiers
- Filter - Filter cutoff offset - + (Offsets the cutoff value for each signal)
- Offset - Index offset - + (Offsets the index value for each signal)
- Detune - Detune - + (Offsets the tune value for each signal)
- Spread - Stereo Spread - + (Offsets the panning value for each signal)



The Oscillator Modifiers section makes it easy to modify an existing sound into something totally new or to just make things sound more exciting.

The Filter Control

Kraft has a main control for all the filters (osc1/2/3)



- Distortion - Post all filters distortion
- PRE / POST - Oscillator 1/2/3 Drive, Pre or Post the filters
- Tanh / Sine - Oscillator 1/2/3 Drive type
- Cut - Oscillator 1/2/3 Cutoff control - +
- Res - Oscillator 1/2/3 Resonance control - +
- Drive - Oscillator 1/2/3 Drive control +
- Key - Oscillator 1/2/3 Keytrack control +
- Mod - Oscillator 1/2/3 Cutoff modulation

Here we can see how the Filter Control affects the signal flow:

Oscillator1/2/3 → Osc Filter → Osc Modifier → Filter Distortion → Effects → Master Output
Filter Control → -----↑-----↑

The LFO section



LFO 1 and 3 are free-running LFOs

LFO 2 and 4 are synced LFOs

Key / Off	- LFO rate keytrack
Trig / Free	- LFO phase retrigger
Rate	- LFO rate
Fine	- LFO rate fine tuning (LFO 1 and 3 only)
Phase	- LFO wave start position
Wave	- LFO waveform (<i>LFO 1 and 3 – Sine/Triangle/Square</i>) (<i>LFO 2 and 4 – Sine/Triangle/Saw/Square/Random/Drift</i>)
Vel	- LFO amount velocity

Quick settings (Top)



The settings at the top of Kraft gives you easy access control over the Oscillator Modifiers and the Effects.

This is very handy during both sound design and patch browsing.

Sound Design:

Enable or disable one or more Oscillator Modifiers/Effects during the process of designing a patch.

Browsing patches:

Enable or disable one or more Oscillator Modifiers/Effects to change the sound of a patch and get the sound you want.