INTERVAL

LES FEMMES

MANUAL

Thanks for purchasing Interval Les Femmes.

How to install?

To install, unzip and drag the instrument folder to any hard drive. Launch Kontakt 4 or higher and load the .nki instruments. Please do not move any file! By installing the product you accept the enclosed product license agreement. For any kind of questions please contact us at : support@cinematique-instruments.com

The Instrument - What is Interval Les Femmes?

Interval Les Femmes isn't quite like anything else you've played.
Strictly speaking it is a choir instrument consisting of three wonderful female artist performing in a very gentle and fragile way. By layering some variations of it you achieve a rich, intimate and bright choir.
But Interval Les Femmes is much more. Inspired by contemporary compositions Interval pursues a new approach into building sounds. It is hard to explain, but in the broadest sense, Interval Les Femmes lets you building unique voice harmonies, organic choir patches and inspiring vocal atmospheres. You can do things with it you can't do with anything else.

The Concept

Interval Les Femes features two main issues: the kind and unique selection of sound sources (samples) and an unqiue instrument engine to create harmonies.

„Les femmes"- french translated „the women" is what it says and beyond. In order to achieve a fragile and intimate vocal or choir sound we recorded the voices of three incredible and individual artists, each one with different musical background such as jazz, pop and experimental. Each voice was recorded in several articulations: regular intimate notes, chanting and breathing.

The result is astonishing. Along with the powerful and unique engine of interval stacking, you get a strong instrument which lets you easily create many different voice shapes such as deep and rich choirs, intimate background voices, unqiue pop patterns, unique voice harmonies or experimental mumbling. But the best is to find out your own way to use this instrument.

For those who wants to get a quick overview of Interval Les Femmes, the instrument has a bunch of presets on boards with gives you a quick acces to the possibilties: soundscapes, short variations as used a lot in popular

music these days, strong, intimate & intensive layer of voices in legato or experimental patterns.

„Les femmes" is a very special kind of choir instrument: warm, intimate, fragile and by the interval engine unqiue in terms of harmonies. Finally, „Les femmes" is a perfect combination for your CI_Instruments, such as Interval or the intimate Piano.

How does Interval stacking work exactly?

It is an easy but astonishing concept. Interval just layers equal intervals (up to eight) on top of each other and the result is a distinct cluster with timbres ranging from bright and clear to complete cacophony. For example, if you are playing an C by a selected fourth interval, Interval will play C-F-Bb-Eb1-Ab1-Db2-B and so on, or a C with a bunch of superimposed fourth notes. And really true, what you now hear is an inspirational sound with unconventional harmonies !

The Main Structure

The fundament of Interval are four separate sound slots which can be simultaneously played. Just click on the slot name to select one of the three voices and its variations to set up your favourite mix of sounds. Each sound can be used only once.

In order to shape the overall sound there are a lot of tools available: attack/ release time, increase/ decrease of the highs and lows, three delays with adjustable feedback, a reverb and and an LFO which works separately for the four sound slots.

After creating your sound, you can now spread the four sound slots separately to each interval step. Just click on the interval nodes to activate or deactivate the corresponding interval. Each interval step has also a separate volume control.
To understand how it works just change the interval (bold number in the centered field) and see what happens when you play a note. (more detailed described at the Engine View).

Interval provides four intervals slots. You can access these different intervals by keyswitches (C0 – Eb0) or in chain-mode which skips through the intervals by each key stroke.

The Sound Sources

Les Femmes contains for each of the three vocalist Insa, Mel and Basia, three articulations: long fragile, intimate notes in 4 individual variations, chanting in two variations and also breathing in two variations.

The brackets below the upper row are selecting two variations (1-2 or 3-4) at once. This means that you are playing two different long variations in just one slot. This options enables Les Femmes providing a maximum of 8 voices playing simultaneously.

Just click on the dots (or brackets) to select the corresponding sound/voice.
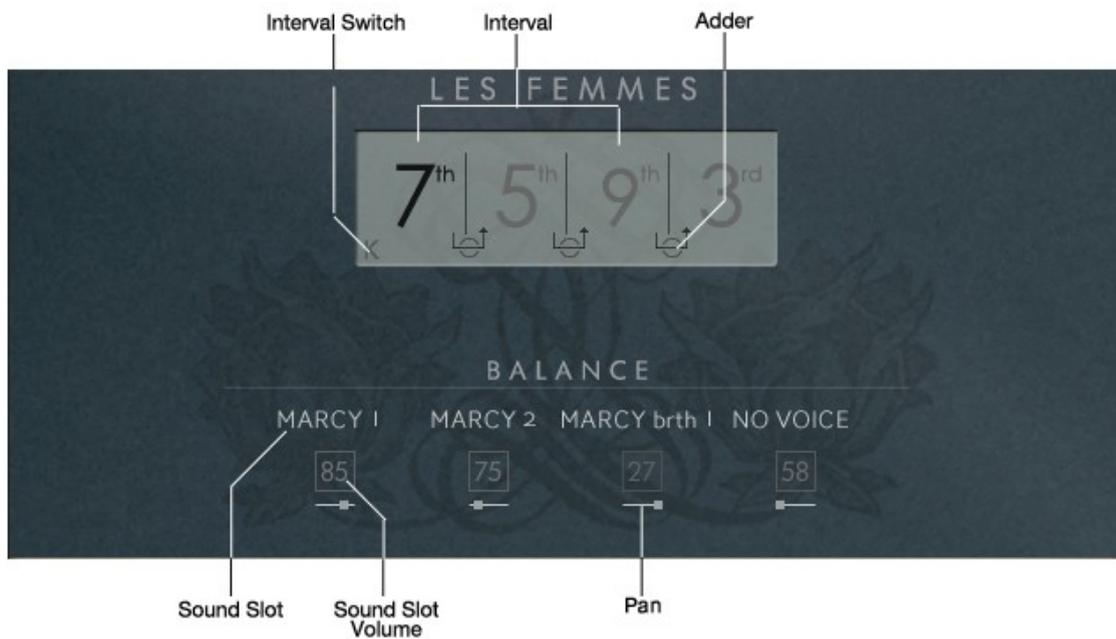
The views

ENGINE   MAIN   PRESETS

At the bottom of all interface views of Interval you find the main menu.
By pressing on the particular word you get to the corresponding view, the
gearwheel at the right corner opens the options menu.

The main view

|	
Interval Switch	the letter displays in which way the interval will be changed. „K" stands for Key-switch and lets the interval change by pressing the keyswitches C0 to D#0, the letter „C" stands for chain which lets the intervals play one after the other. You can change the Internal Switch in the options menu
Interval	This big number displays the number of haltones (=interval) which will be currently played. For example. A fourth has 5 halftones, a fifth has 7 halftones and so on. You can change the number by sliding over it. The bold number indicates which interval is active.
Adder	by clicking on it you can add/ hide the next interval.
Sound Slot	This displays which sound is loaded in which slot. By clicking on the name you get to the instrument menu where to select a new instrument.
Sound Slot Volume	Lets you change the volume for the corresponding soud slot.

The Engine View
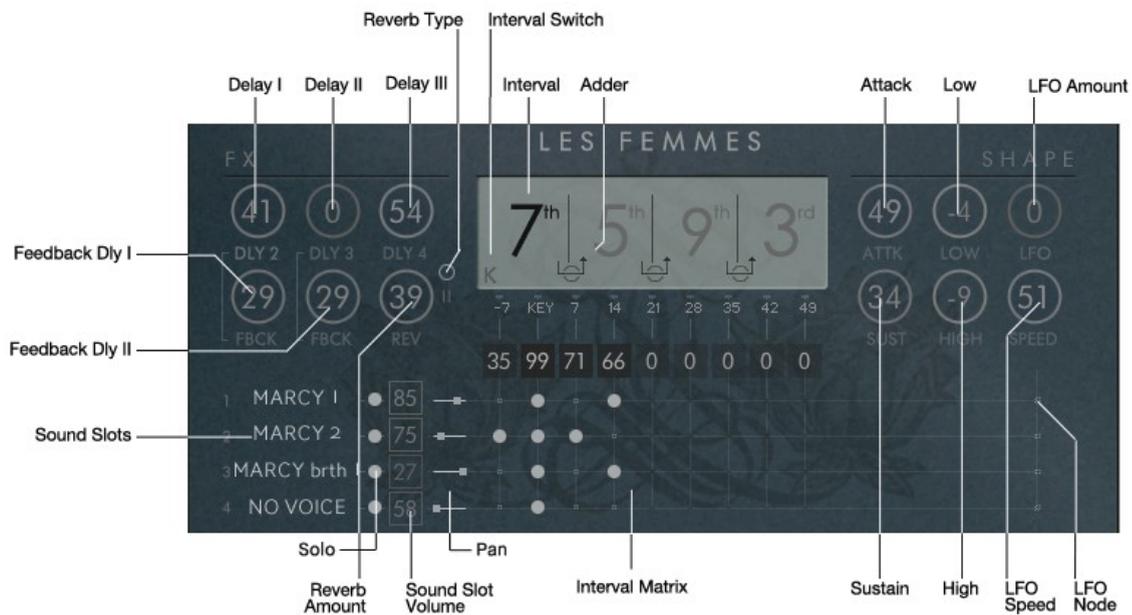
This is where the fun begins:

Interval Swicth, Interval, Adder, Sound Slot and Sound Slot Volume was explained in the Main View:

Delay I	sets the amount of a half note delay
Delay II	sets the amount of a half triolic note delay
Delay III	sets the amount of a fourth note delay

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Feedback Dly I	sets the feedback of Delay I
Feedback Dly II	sets the feedback of Delay II
Reverb Amount	sets the amount of global reverb
Reverb Type	changes the type of reverb between „hall" or „atmospheric"
Solo	sets the corresponding slot to solo
Pan	sets the L-R balance of each slot
Attack	sets the global attack of all sounds
Sustain	sets the global decay/ release of all sounds
Lows	in-/ decreases a low EQ band at 250 Hz (narrow bandwith)
LFO amount	sets the amount of LFO/ vibrato to the corresponding sound
LFO nodes	defines which of the four sound slots will be affected by the

(full circle = active, outline = deactivate)

LFO speed   sets the LFO speed from 0.01 Hz to 215 Hz

Interval Nodes   see Interval Matrix (next page)

The Interval Matrix
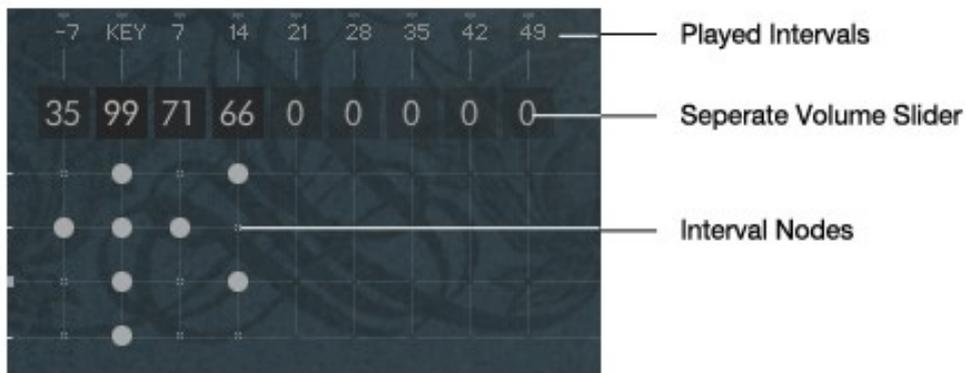
The graphic shows the interval matrix of the engine view.

Played Intervals   this indicates all the individual notes which are
                          generated by the engine. If you choose for example a major 3rd
                          (shown as 4th since all intervals are displayed in half tone
   steps) the engine will play the 4th, 8th,12th,16th,20th,24th and

28th key on top and an additional -4th under the originally played note.

⬚Separate Vol Slider   each square volume control lets you set the volumes for each generated note separately or even mute them completely.

Interval Nodes   The 4 horizontal lines under the volume controls resemble the 4 different instruments that you have chosen in the sound sources menu. Here you can assign each of the generated note to the individual instruments. This is great way to create interlocked voicings or to give the instruments different key ranges

The Preset view

This graphic shows the preset view, just browse through the categories to find your preset. On the right side you find buttons to load, save or reset the entire Interval.
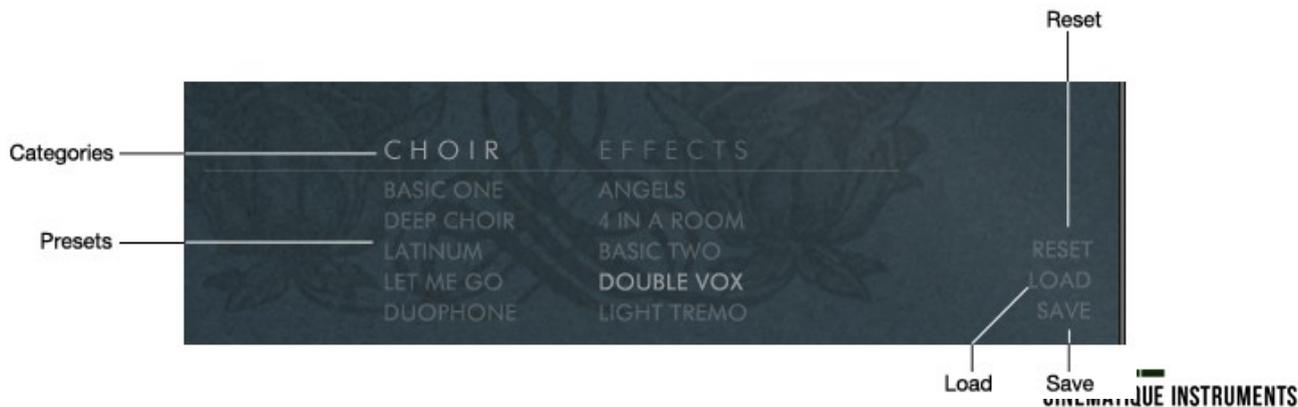
The Options View

Misc.:

True Harmony   by enabling this feature, Interval plays all interval in the „real"
                          and true physically harmony

Key-SW Changes   by enabling (default) the intervals will be changed by the keys
                          C0 – D#0. The big display shows a „K". If disabled the interval
                          will be skipped each time you play a key. The letter in the
                          display is „C" for chain.

Random Volume   by enabling the separate volume values of the individual
                          intervals will be set randomly each time you press a key.

Volume Control:
Controller   set the controller to control the volume. Expression pedal or
                          modwheel.

Behaviour   change between linear or proportional volume control.

Intervals Played As Arp:
On/ Off   by enabling Interval plays each active interval successively like
                          an arpeggitor.

Arp Tempo   sets the tempo sets of the played arpeggio notes

Loop   by enabling the arp will play endless as long as you hold keys.

Thanks to René, Hinnerk, Max and Jumpel

But a special and big thank to Insa, Basia and Mel.