

ENSEMBLÍA

metallique

Manual Version 1.5

What is Ensemblelia Metallique?

ENSEMBLIA Metallique is a new member of the Ensemblelia family. It is focused on all kinds of metallic mallets such as vibraphone, glockenspiel, metallophone or kalimba, asian sound sources such as singing bowls and tingshas and domestic percussive sounds such as a wok, a salad or a drawer.

Generally, the Ensemblelia family was built to easily create beautiful polyphonic arrangements and textures while you are just playing chords or single notes. We didn't record phrases, a powerful 16step arranger will do it.

Ensemblelia Metallique can layer up to 7 instruments at the same time and gives you quick access to a broad range of timbres and tone colors while playing. A special voicing engine will split your notes and chords automatically into separate voices and lets you individually assign them to each particular instrument.

Which instruments are included ?

We recorded all the instruments in up to 5 velocity layers and 3 or 4 round robin variations. Here you find the complete instrument list

Instruments: _____

Tonal:

Vibraphone

Metallophone (warm, raw, dead notes)

Alto Bells (natural, leather)

Glockenspiel

Kalimba

Spieluhr (natural, raw)

Percussive:

Wok

Salad Bowl

Singing Bowls (low, medium, high)

Tingsha

Metal Drawer

The Voicing

Ensemblia Metallique is equipped with a voicing engine that lets you easily spread certain voices to particular instruments. While playing notes or chords Ensemblia automatically analyzes your playing and splits all incoming notes into 5 voices which are low – midlow – mid – midhigh – high. You can separately assign these 5 voices to each instrument and step at your own requirements.

The Arranger

The arranger is a powerful 16 step ostinato engine that sets the velocity, the voicing and the octave for each step and instrument separately. It plays the flexible patterns using only notes and chords that you are holding down. As a result you get versatile and inspiring musical patterns and riffs playable in all ranges and speed variations. There are no pre-recorded phrases! Optionally you can play in- or off-sync.

How does Ensemblia work exactly?

The Main Menu

Menu Strip.

Ensemblia Metallique provides several tabs. Just click on the strip below the Ensemblia logo to navigate.



Key Switches.

These 5 buttons are representing the 5 key switches C0-E0. By clicking on these buttons you load a snapshot of the current Ensemblia set-up to this key. By doing so you can put several presets or preset variations into particular keys and switch between them on the fly.

Please note: enabling the reverb lock at the master view is preventing possibly noises or clicks while changing presets

The Mixer

This is how the mixer windows look like.



Ensemblia is equipped with 7 instrument slots, each of them is free assignable to a great assortment of instruments which you can select by the instrument view.

In the mixer view you can separately set the volume, pan, solo, reverb, length, octaves, lead and the output for every slot.

Mixer in detail..

- On enables the slot
- Volume sets the volume
- Solo solos the instrument
- Pan sets the panning
- Reverb sets the amount of reverb
- Output Routing this lets you route the slot signal to an individual out of the Kontakt instrument.

Please read the Kontakt User Manual for more information.

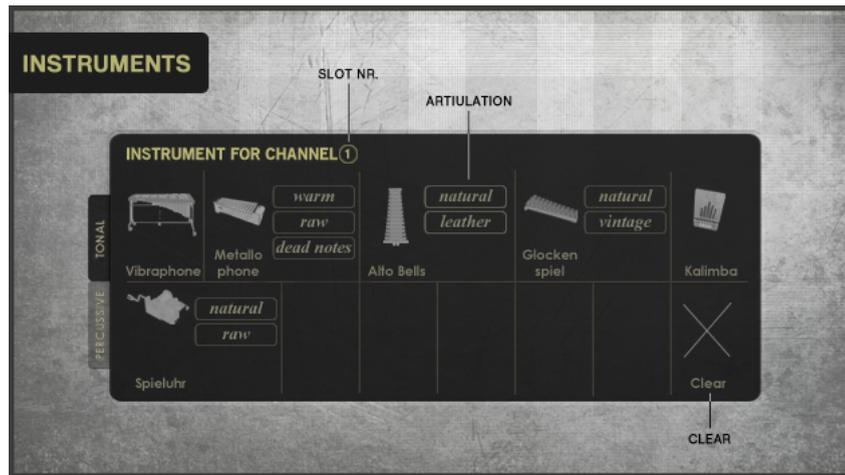
Note: The reverb is turned off if the signal is routed to a separate out.

- Instrument shows the name of the recent instrument. By clicking you get to the instrument view, where you can select an instrument for the corresponding slot

- Length sets the length (decay/release) of a note
- Lead when enabled you can play this instrument on top while running the arranger.
- Octave shifts the instruments range globally one octave up or down



The instrument view



This is the list of all available instruments and articulation which can be assigned to a corresponding instrument slot – the slot number is shown by the Slot-Nr. Just click on the icon to select your favourite instruments or articulation; by clicking „Clear“ the slot will be unloaded. Note: You cant load the same instrument into two different mixer slots.

The Voicing

The VOICING ON/OFF knob activates a powerful engine that lets you easily spread the voices of your playing separately to particular instruments.

While playing notes or chords Ensemblelia automatically analyzes the pressed keys and splits all incoming notes into **5 separate voices**: low – midlow – mid – midhigh – high. The voices are represented by circles.

By clicking on a circle you assign the corresponding voice of your playing to this instrument.

How does the assignment affects the playing exactly ?

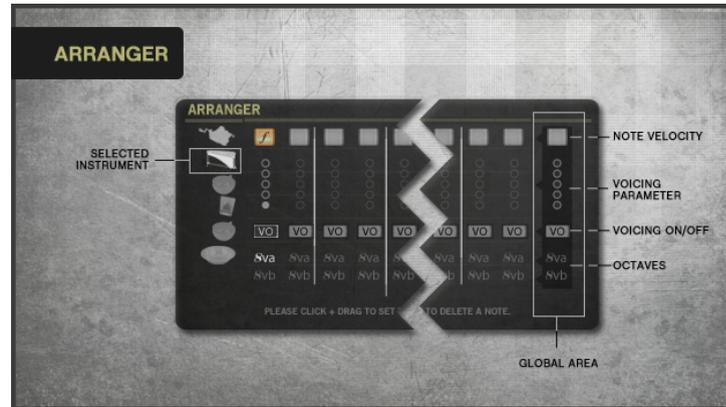
Imagine, the highest voice is assigned to instrument 1 - activated dot at the top/ left side - the three middle voices are assigned to instrument 2 - activated dots in the three middle - and the lowest voice is assigned to instrument 3 - activated dot at the bottom/ right side. So, what happens when you are playing chords? See examples:

C-maj (root position) c will be played by instr 3, e to instr 2 and g to instr 1

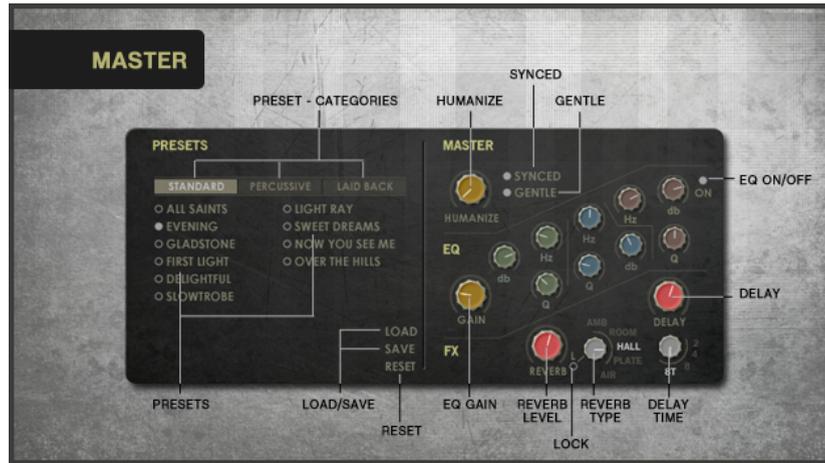
C-min7 (1st inversion) d# will be played by instr 3, g and b-flat by instr 2 and c by instr 1

F-sus2(root position) f will be played by instr 3, g by instr 2 and c by instr 3

At your own requirements, you can assign these 5 voices to each instrument. No assignment implies no notes are played. By disabling the voicing button the instrument plays all notes.



The Master



On the left side you can find a bunch of presets which are categorized into several genres/ themes. Each of the presets can be selected by clicking on it. There are also buttons for resetting Ensemblia Metallique or load/ save the current state via a harddrive dialog. The presets of Ensemblia Metallique are separated in several categories.

- Standard Selection of harmonically rich patterns, suited for a variety of styles.
- Percussive Selection of patterns with a focus on rhythm.
- Laid Back Selection of slower and lighter patterns.

On the right side of the master view you find the global settings of Ensembliia.

Humanize	enables a random variation of the velocity level of the notes which are played by the arranger. It is adjustable in a range of up to 10 to -10 %.
Synced	by enabling this option the first note you play triggers the arranger and all further pressed notes will automatically be in sync. If disabled every new pressed note triggers a separate instance of the arranger which can lead to interesting results but is a little more difficult to handle. <i>Note: Both settings only affect „play“ Mode.</i>
Gentle	enables a midi-velocity compression in order to play notes in a more gentle way. <i>Note: It works only when „play“ is deactivated.</i>
EQ on/off	enables/ disables the master EQ Section
3 Band EQ	The 3 band master EQ. This is a typical parametric EQ with 3 bands, each controllable by gain (db), a frequency (Hz) and bandwidth (Q) knob. Please read the Kontakt User Manual for more information.
Gain	sets the entire output volume of the EQ
Delay	controls the master amount of delay
Delay Time	selects the delay time form 2 nd to 8 th trilogic
Reverb	controls the master amount of reverb
Lock	if enabled, the reverb amount knob and the type selection are locked whenever a preset is changed or a keyswitch is pressed - <i>This prevents possible noises and clicks.</i>
Reverb Type	selects the reverb type between ambience, room, hall, plate and air

The Arranger

The arranger window is only available in the *shorts*



At the left you can see several instrument icons. By clicking on it the arranger changes to a detailed view of the instrument track and shows arranger options.

In the middle part of the window you find the main arranger area with the separate instrument rows for each of the 7 tracks. Each box shows the velocity value per step. By clicking and dragging on the box you can increase/ decrease the value from off to ff.

p = piano (low vel.) -

mp = mezzopiano (mid-low vel.)

mf = mezzoforte (mid-high vel.)

f = forte (high vel.)

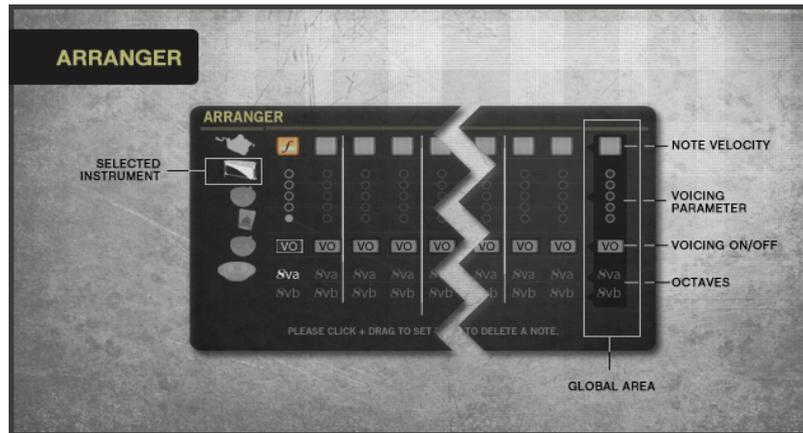
ff = fortissimo (very high vel.)

Please note: While dragging a box a **Shift + click** generates forte note, the **Cmd + click** deletes note, **Shift + alt** creates a 4th pattern and **Cmd + alt** creates a 16th pattern

The Bar Control.

At the right side of the window you see the tempo menu, where you can set the arranger speed in relation to the host, available are: half, quarter, eighths and sixteenth notes – eighths and sixteenth also in swing and triolic feel. In addition to that you can also set the number of step of the pattern by clicking and dragging over the steps icon (adjustable from 1 to 16 steps)

If an instrument icons is select one instrument the arranger view changes into the instrument detail view.



The selected instrument is highlighted and its velocity row is shown at the top. The other instruments rows are hidden. Beside that you can now see the voicing and the octave selection per step. At the right side you can see the same controls which are global and affect all steps at once.

Selected Instrument displays the instrument icon of the corresponding slot
Note Velocity Each box shows the velocity value per step. By clicking and dragging on the box you can increase/ decrease the value from off to ff.

Please note: While dragging a box a **Shift + click** generates forte note, the **Cmd + click** deletes note, **Shift + alt** creates a 4th pattern and **Cmd + alt** creates a 16th pattern

Voicing Paramter sets the voicing per step or for the entire row via Play Parameter Global (see chapter The Voicing)

Voicing on/off to set the the individual voicing you just have to activate it before by clicking

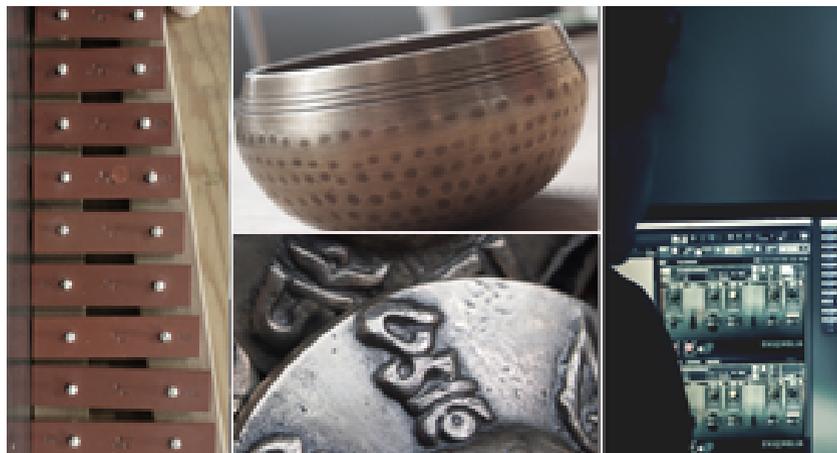
Octaves sets the note an octave up or down in relation to the play note. This can be done per step or global, as well.

Please Note: This function doesn't correspond to the 8va/8vb function at the mixer view. Both of them are working separately.

And: By activating both 8va/ 8vb options (located at the mixer and arranger view) you can transpose 2 octaves !

Ensemblia was recorded, assembled and programmed in 2014-2015 in Cologne.

A big thank you to Hinnerk, René, Jumpel, Adi, Max Silvan, Vali, Kathrin, Liz, Bert, Charlotte.



We wish you great ideas, much inspirations and a lot fun tweaking Ensemblia!

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