

*Build for the KVRAudio.com software competition.
Without the organisers, Choralozoide probably wouldn't exist.
Many thanks!*

Numerikart.

CHORALOZOIDE V1.0



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1- INSTALLATION

Put the VST plugin in your favorite VST plugin folder.

Open the plugin inside your favorite host sequencer

2- OVERVIEW

Choralozoide is an “harmonizer”, a pitch shifter, an autotuner, a voice doubler and an “effectizer”, build for monophonic instruments, especially for voices.
With Choralozoide, you can obtain realistic choir effects and also completely unusual sounds, crazy effects, from space’s choir, to mickey’s voice.

This plugin is for windows operating systems only.

3- FEATURES

- Autotuner
- 3 voices doubler with pitch shifting and a kind of formant preserving.
- Spectral reverb
- Joystick pad control for the special FX filter/formant.
- Fully automatable
- And probably more sooner!

4-HOW IT WORKS?

Choralozoide takes a monophonic signal input and convert it into choir effects.

5- PANEL CONTROL

HARMONIZER



1,2 and 3 : input signal is splitting into three voice number.

Tune On/Off switch: activates autotune for selected voice number (see “autotuner” section (1*)).

Pitch: Pitch off the current voice (from -12 to +12)

Color: kind of formant preserving.

Depth: increase the intensity of color effect

Vibrato: vibrato!

Speed: speed of the vibrato

Pan and Level: as usual!

AUTOTUNE



By clicking on the piano, you can tell to choralzoide how to tune the voices.
For example, if you increase the note C by “+ 1”, and if you activates the *On/Off tune* (1*) switch for voice one, Choralzoide will “retune” voice 1 into C# if you sing a C.

JOY PAD CONTROL

Harmonizer



The joy pad control is a sculpting effect that change the sound sending by “Harmonizer” before sending it to the reverb.
It’s also a filter manipulator if you activates the FX filter switch (see below (2*)).

SPECTRAL REVERB



The spectral effect is divided into two sections: the “reZonator” and the reverb. The “reZonator” sculpt “Harmonizer” signals before sending it to the reverb.

Color: tone of the “reZonator” effect.

Mod: modulate “reZonator”

Damp: cut high frequency of the late reflection.

Size: size of the reverberation.

Width: width of the reverb.

Mix: mix between “reZonator” and the reverb.

GLOBAL PARAMETERS



Smooth tune: smooth autotuner detection.

De-Esser: remove some bad noise. It’s a part of the pitch detection engine.

Hp Filter: using the reverb section can cause extreme low freq if you use a microphone without headphone (feedback effects).

You can remove them with this, and remove high freq feedback with the damp knob.

Fx Mix: Mix between “Harmonizer” and the “Spectral Reverb”.

Fx Filter: as explain above (2*)

6 -----CREDITS-----

This plugin contains modules coded by Dave Haupt, Chris Kerry and Ralph Gonzalez.
Some controls elements created by Vera Kinter. Thanks to them.

Concept, design, development, presets and testing by the Numerikart.

7 -----LICENSE-----

Choralzoide LICENSE Agreement

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