Kalvträsk Church Organ V. 2.0

Soundfont and Dispositions for jOrgan 3.20



Information about the Kalvträsk Church Organ can be found in “index.html” in the “OrganInfo” folder in the download package.

The jOrgan dispositions were prepared by Paul Stratman. Sounds and graphics from the GrandOrgue version are used by the kind permission of Lars Palo, and in keeping with his Creative Commons Attribution 2.5 Sweden License.

The GrandOrgue version of the Kalvträsk Church Organ can be downloaded from Lars Palo’s website: <http://www.familjenpalo.se/vpo/download>

## About the soundfont and jOrgan disposition

The soundfont is a reduced version of the sampleset. All ranks use the C, E, and G# samples, stretched to replicate their neighbors. All ranks have proportional length release settings.

The jOrgan disposition consoles include a “Reverb” switch, which activates Fluidsynth reverb settings that approximate the reverb experience of the Kalvträsk impulse response, using the formulas in “Making the Most of Fluidsynth Reverb.” The controls for Fluidsynth reverb are hidden behind the picture of the organ. For more natural and more sophisticated reverb sounds, Lars Palo has made available [impulse responses from the Kalvträsk church.](http://familjenpalo.se/vpo/ir-recordings)

The original disposition replicates the disposition of the original Kalvträsk Church Organ. The Pedals are permanently coupled to the manual. The split stops are divided after the first octave. The original disposition can be played at the pitch of the recorded samples (A = 435 Hz) or at standard pitch (A = 440 Hz).

A second *expanded* disposition follows the *new* expanded version Lars Palo included with his Grand\_Orgue sampleset, as described in the OrganInfo/index.html (Volume settings were recalculated from the Grand\_Orgue ORGAN file.) The extended specification is inspired by the same organ builder’s work in Karlskrona Trefaldighetskyrkan (from 1827). The photo on the console is modified from the original photo by Henrik Sendelbach found here: <http://commons.wikimedia.org/wiki/File:Trefaldighetskyrkan_organ.jpg> which is licensed under the [Creative Commons](http://en.wikipedia.org/wiki/en:Creative_Commons) Attribution-Share Alike [3.0 Unported](http://creativecommons.org/licenses/by-sa/3.0/deed.en), [2.5 Generic](http://creativecommons.org/licenses/by-sa/2.5/deed.en), [2.0 Generic](http://creativecommons.org/licenses/by-sa/2.0/deed.en) and [1.0 Generic](http://creativecommons.org/licenses/by-sa/1.0/deed.en) license. More photos from the church can be seen here: <http://sv.wikipedia.org/wiki/Trefaldighetskyrkan,_Karlskrona>.

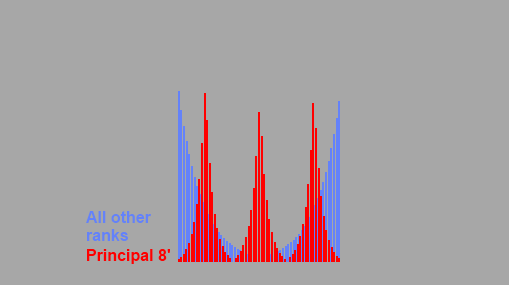
The disposition does not replicate the Trefaldighetskyrkan organ exactly, but reflects it and other organs by Strand. In addition to the ranks prepared for the expanded disposition by Lars Palo, I have added a Qvinta 1 1/3’ on the Swell.

# External Reverb Controls

The dispositions feature MIDI links and controls for external reverb devices. I own an Alesis Midiverb 4. Midiverb 4’s Program 106 will be activated when the disposition loads. This can be changed by the user in edit mode. The “Edit A” and “Edit B” controls correspond to the controls on the Midiverb 4.

# Stereo Spread

The soundfont was edited with the Polyphone soundfont editor ( [www.polyphone.fr](http://www.polyphone.fr) ). Polyphone makes possible precision adjustment of releases and stereo panning. The stereo panning follows this schematic:



# Links

Kalvträsk Church <http://www.algonet.se/~stigvik/kalvproj/ekyrka.html>

A very similar organ by Per Zacharias Strand is in the Västra Ryds kyrka . Photos and description can be seen here: <http://www.orgelanders.se/Orgelbilder/Vastra_Ryd.htm>

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