

Bureå Church Organ V. 2.02

Soundfont and Dispositions for jOrgan 3.20



The organ's façade. Photo by "[Xauxa](#)" Håkan Svensson.

Information about the Bureå Church organ can be found in "index.html" in the "OrganInfo" folder in the download package.

The jOrgan dispositions were prepared by Paul Stratman. The soundfont was initially prepared by Graham Goode, with some modifications 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 Bureå 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 samples have proportional length release settings instead of release samples. The soundfont retains the voicing, tuning and stereo panning techniques developed by Graham Goode.

The original disposition replicates the disposition of the original Bureå Church Organ. The original disposition has pedal-switch activated couplers. A second screen offers the same stops with a full complement of couplers. Pedal-switches and tab couplers are linked with synchronizers, and can be customized independently of each other. The original disposition includes a full transposer. The expanded disposition has added ranks derived from the original Bureå Church Organ's pipe sounds, and also includes settings for a few temperaments. These ranks were also developed by Graham Goode.

This disposition has an "endless sequencer." The sequencer cycles through the general combinations. After it reaches the last general combination, it recycles to combination one and advances one memory level. In this way you can continue to advance through an almost unlimited number of combinations across several memory levels. The "endless sequencer" only works forward.

Classic / Neo-Baroque Voicing

In the extended disposition, the organ's original "Neo-Baroque Voicing" can be altered to "Classic Voicing" which reduces the volume of the higher pitched ranks and raises the volume of lower pitched ranks.

Fluidsynth's Reverb Settings

The jOrgan disposition consoles include a "Fluidsynth Reverb" switch, which activates Fluidsynth reverb settings that approximate the reverb experience in the GrandOrgue model. We include Fluidsynth Reverb for those who have no other options for reverb. It is highly recommended that Impulse Response reverb or some other hardware reverb be used with these dispositions.

Flexible Wind

The Flexible Wind simulation is a key activated momentary pitch variance that simulates the instability of wind in the wind chest and its effect on pipe speech. This gives a better illusion of a wind-driven instrument and also breaks up the constancy of a recorded organ pipe sound. Flexible Wind is a phenomenon observable in pipe organs. There is an indicator near the Flexible Wind switch that will flash when any keys are depressed. For Flexible Wind to function, all MIDI devices must be registered in the jOrgan MIDI merger. Flexible Wind will detect key activity in all MIDI channels.

New in version 2.02

The Flexible Wind simulation uses a more refined method (vibrato) for pitch variance. Sound effects now simulate key action. Stop action uses rotating sounds. Some adjustment of rank volume in the soundfont has also been done. Some elements on the screens have been rearranged.

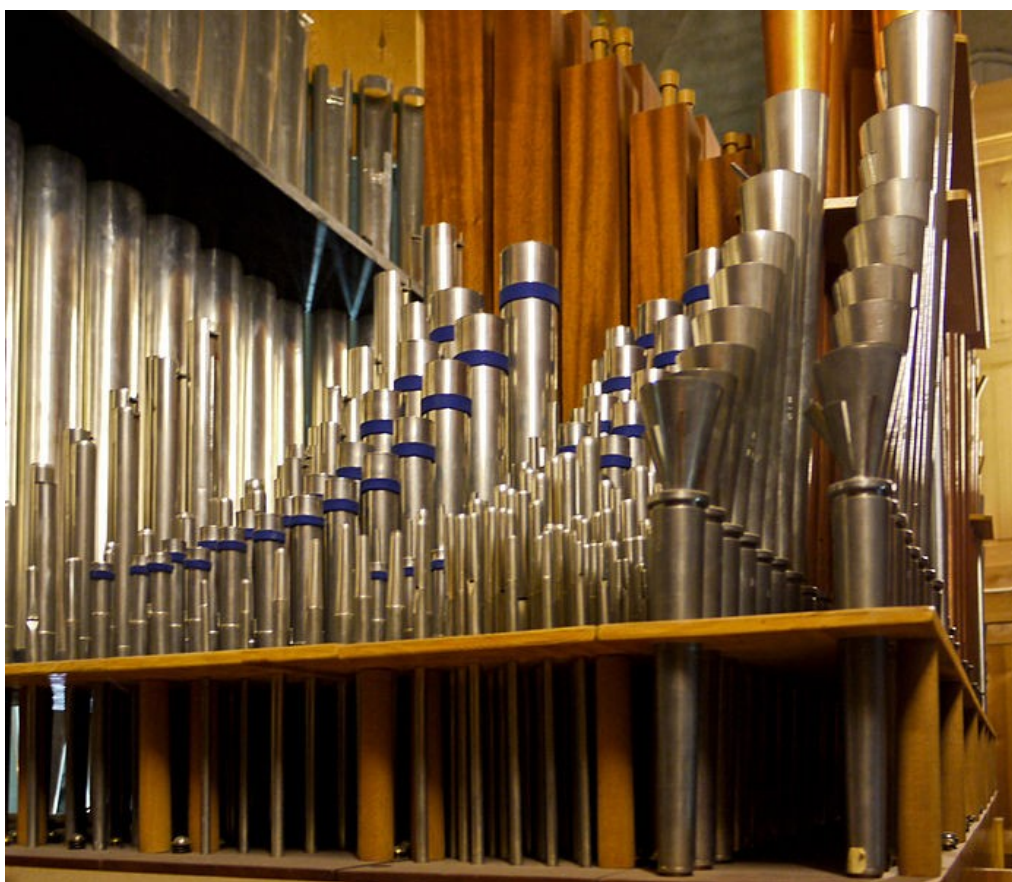


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The organ's façade from a low angle. Photo by "[Xauxa](#)" Håkan Svensson.



A view of the pipes in the interior. Photo by "[Xauxa](#)" Håkan Svensson.



The console. Photo by Lars Palo.

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