

# The Walcker Organ in Wildervank, v. 1.02 for jOrgan 3.20

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Photo from the download package

## The Organ

Description from the download package:

*"The organ of the Great Church in Wildervank (The Netherlands) is a late romantic organ built by the Walcker organ company in 1913. On this organ you can listen to how the German romantic music should sound. But also French and English organ music in the romantic style sounds very fine on this instrument."*

*"In the Sixties of the last century were it was changed in an attempt to adapt to the sound of the then prevailing "neo-baroque" period. In 2001, de Wit Organ Builders completely restored the organ. The disposition is largely returned back to the original. The sound of the instrument is fully back into the original concept of the organ."*

The organ has its own website (in Dutch): <http://www.walckerwildervank.nl/>, with prepared translations in English <http://www.walckerwildervank.nl/html/english.html> and German <http://www.walckerwildervank.nl/html/deutsch.html>. There you can read more history and see many pictures of the organ and consoles.

## The Samples

The samples were recorded by Dirk Swama and Jaap Plaisir of the former <http://virtual-organs.nl> (the web URL has since been taken over by a vendor of virtual organ software and virtual organ consoles). The free sampleset is still available here: <http://www.jpla.nl/index.php/virtueel-orgel/walcker-wildervank>. The samples are available for use in other projects through a [Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported \(CC BY-NC-SA 3.0\) license](#).

## Soundfont and Disposition for jOrgan



swell was also employed.

The soundfont makes use of the many features of the Polyphone ([www.polyphone.fr](http://www.polyphone.fr)) soundfont editor, employing a number of techniques for realistic production of organ sound. Three samples per octave were used for each rank. The soundfont applies settings for effects of stereo spacialization, randomized tuning, measured and modulated releases, and note-by note volume adjustment. Modulated tremulant effect was also employed to create a tremulant with special depth and pitch variances, and a new method for high frequency reduction in the

The disposition offers the versatility of divisional and general combinations, a transposer and several selectable temperaments, including Valotti and Broadwood.

This disposition for jOrgan has attempted to reproduce the original organ's present disposition. A celeste rank was derived from the viola, and an oboe rank was borrowed from the [St. Augustine's Anglican Church, Neutral Bay sampleset by Nick Appleton](#) which is also used under his license with allows redistribution and derivative works. (A copy of his license is at the end of this document.) A few useful extensions were added such as a 32' Contra Violone for the pedal, a soft mixture in the Schwellwerk (derived from the Hauptwerk Oktave 2, composition based on typical Swell mixtures for that era) and a tremulant for the Hauptwerk.

## Reverb

A simple Fluidsynth reverb system is built into the disposition. The button R0 turns the effect off, and R1 turns the effect on. It can be adjustable using continuous controls which are hidden behind the picture of the organ. Due to the limitations of Fluidsynth reverb, it is highly recommended that convolution reverb or other hardware or software reverb simulators be used with this sampleset and disposition.

## A Note of Thanks

This is a special soundfont and disposition for many reasons. The samples are of very good quality, and the soundfont brings together many techniques that either were not possible before, or were difficult and time-consuming before Polyphone's automation. Thanks to [the former Virtual-Organs.nl](#) for making the samples available through a Creative Commons license, to [Davy Triponney of Polyphone](#) for making multiple detailed settings possible through automation, and to [Bernd](#) and others who helped develop the technique for the modulated tremulant.

## Disposition

This virtual model differs slightly from the virtual models for Hauptwerk and GrandOrgue. This jOrgan disposition (v. 1.01) reflects the current disposition of the organ (see <http://www.walckerwildervank.nl/>) with the extensions of a mixture in the Schwellwerk, a tremulant for the Hauptwerk, and a 32' and 8' extension of the Contraviolone in the Pedal.

## New in v. 1.02

- Some volume adjustments to the ranks were done to make the sound more comparable to the Hauptwerk and GrandOrgue versions, and also to give a better balance.
- A panic switch was added. Just click the jOrgan logo on the screen.
- Tuning (pitch) adjustment was added.
- Key action noises were added, borrowing sounds from the Burea Choir Organ by Lars Palo, also under a [Creative Commons License](#).

Paul Stratman  
Stratman Virtual instruments  
Beaver Dam, Wisconsin  
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Enjoy this organ in sight and sound with YouTube videos:

There is a playlist of several Willem van Twillert videos which also show the church and the organ from different angles:

<http://www.youtube.com/watch?v=U-hwc61yYOA&list=PLzxaJfoNmnPLEpYvIRcgpJ8CYD1SvVSBR>

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# St. Augustine'e Anglican Church, Neutral Bay, NSW, Australia – Hauptwerk Sample Set

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