

The Van Oeckelen Organ, v. 1.0 for jOrgan 3.19



Photo from the download page

The Organ

Description roughly translated from <http://www.petertenkate.nl/Oudepekela.htm>:

“The organ was built by Peter van Oeckelen in 1865. In the years 1952-1954 a restoration was carried out by Mense Ruiter. Followed later in the early 90s by a new restoration by the same company. The instrument has 19 stops spread over Hoofdwerk, Bovenwerk and Pedal. It is installed in a gallery on the east side of the church. The console is on the side of the organ.”

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/van-oeckelen>. 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



The soundfont makes use of the many features of the Polyphone (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. A modulated tremulant effect was also employed to create a tremulant with special depth and pitch variances.

The disposition offers the versatility of divisional and general combinations, a transposer, and several selectable temperaments, including Broadwood, Valotti and Schnitger. Flexible wind simulation detects keyboard activity through the jOrgan MIDI merger and applies a momentary pitch-drop effect to the ranks. All keyboards must be selected in jOrgan MIDI merger for the effect to work.

Reverb

A simple Fluidsynth reverb system is built into the disposition. The Fluidsynth reverb button on the console turns the effect on or off. It can be adjustable using continuous controls and R0 and R1 combinations 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 sample set 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](http://theformerVirtualOrgans.nl) for making the samples available through a Creative Commons license, to [Davy Triponney of Polyphone](http://DavyTriponneyofPolyphone) for making multiple detailed settings possible through automation, who also did the tonal finishing on the Van Oeckelen soundfont, and to [Bernd](#) and others who helped develop the technique for the modulated tremulant.

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Beaver Dam, Wisconsin
September 2013



From <http://www.petertenkate.nl/Oudepekela.htm>



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Some organists have played this organ and posted videos on YouTube:

Tjaco van der Weerd

http://www.youtube.com/watch?v=bD_WhCM3rJo&feature=share&list=UUTBSB0IOruo3djXSZZqm2zA

<http://youtu.be/Gq0q5zTYMf0>

<http://youtu.be/UngtkUIHJCs>

Willem van Braak

http://www.youtube.com/watch?v=JWfD_CSbn5k

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