

# JEUX D'ORGUES 2 : Stiehr-Mockers organ

Disposition and Soundfont, v. 2.0 for jOrgan 3.20

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For more information and other organ sample sets please visit <http://www.jeuxdorgues.com/>

Stiehr and Mockers were famous organ builders who lived in XIXth century in Alsace (France). This organ was built in 1843 for Romanswiller. Here is some additional information about this organ and sample set.

The recording session was done on Sept. 30th 2000 on the Stiehr-Mockers organ of Romanswiller, without any modification of the original sound.

This sample set is remastered from that recording and produced by Graham Goode, Joseph Basquin and Martin (M.XY). Nick Appleton's Noise Reduction software was used for most of the NR. Thanks Nick!

The jOrgan disposition was created by Paul Stratman. The custom graphics were created by Graham Goode using photos taken by Joseph Basquin of the organ console. The Grand-Orgue and Positif ranks were extended to 61 notes, and the Pedale to 32 notes. The Bombarde 16 rank on the Pedale was created from the samples of the Trompette 8', and the Soubasse 32' rank on the Pedale was created from the samples of the Soubasse 16'. The Positif to Pedal and G.O Octave coupler were also added. For the jOrgan disposition and its soundfont, the G. O. Cornet was rebuilt, using other samples from the organ, tonally matched to be close to the original. The Positif Cymbale III was resynthesized using Spear.

The original composition of the organ:

### Stiehr Mockers Organ Specification, 1986

#### **Grand-orgue 54 notes**

Bourdon 16'  
Montre 8'  
Bourdon 8'  
Salicional 8'  
Octave 4'  
Flûte 4'  
Doublette 2'  
Cornet 5 rgs (D)  
Fourniture 3 rgs (1')  
Trompette 8' (B+D)  
II/I

#### **Positif de dos 54 notes**

Bourdon 8'  
Prestant 4'  
Nasard 2 2/3'  
Doublette 2'  
Tierce 1 3/5'  
Cymbale 3 rgs (1/2')  
Hautbois 8'

#### **Pédale 27 notes**

Soubasse 16'  
Flûte 8'  
Prestant 4'  
Trompette 8'  
I/P

### Features of the disposition and soundfont.

- Scaled releases on all samples.
- Flexible Wind is a key activated pitch drop that simulates the behavior of wind in a wind chest. A slight, momentary drop in pitch can be heard as the air is unstable for a moment when new keys are depressed. For the simulated "Flexible Wind" to operate, the jOrgan MIDI merger must be used. Any activity in MIDI devices using channels 1 through 5 will be detected.
- Transposer, temperaments and Fluidsynth reverb settings.
- Swell pedal graphic by John Stratman
- Extended, wide screen extended, and "original disposition" consoles in the disposition.
- Divisional combination pistons.
- 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.

### New in v. 2.0

- Expanded sound effects, borrowing sounds from the Burea Choir organ by Lars Palo, used under his Creative Commons license. Sound effects include rotating sounds for stop action, and key action.
- Improved flexible wind using the vibrato method.
- New swell muffle settings (Polyphone)
- New tremulant settings.
- To avoid a phase stutter, reed releases have been replaced with detuned scaled releases.
- Improved skin with clean, easy-to-read elements
- "Auto Pedal" coupler (range C1-A2)
- Pitch adjustment for use with pipes or to tune with other instruments
- A "panic switch" has been added that releases all key presses in case there is a midi error. The switch is in the jOrgan logo.

## Reverberation

For reverberation, I would recommend a small church reverb setting. For users of convolution reverb, 1.27 second and 2.2 second impulse responses are included in the Reverb folder. These were generated using Creative EAX. If no soundcard or convolution reverb is available, use the settings for Fluidsynth reverb included in the disposition. More details on how Fluidsynth reverb works are in the essay [“Making the Most of Fluidsynth Reverb.”](#)

This disposition also features MIDI links and controls for external reverb devices. I own an Alesis Midiverb 4. The “External Reverb” window scrolls through several settings on the Midiverb 4. The “Edit A” and “Edit B” controls correspond to the controls on the Midiverb 4. The combinations with an “E” save the programs and the Edit A and Edit B settings for future use.















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Remastered sounds used by the kind permission of Graham Goode.

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Sound effects are from the Burea Choir organ recorded by Lars Palo, used under this license:



Sound effects from the Burea Choir sampleset are licensed under a [Creative Commons Attribution-ShareAlike 2.5 Sweden License](#).

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Paul Stratman  
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