Hauptwerk Sample Set
Saarbruecken Sankt Arnual
(Saarland, Germany)

Built in 1995 by Orgelbau Kuhn
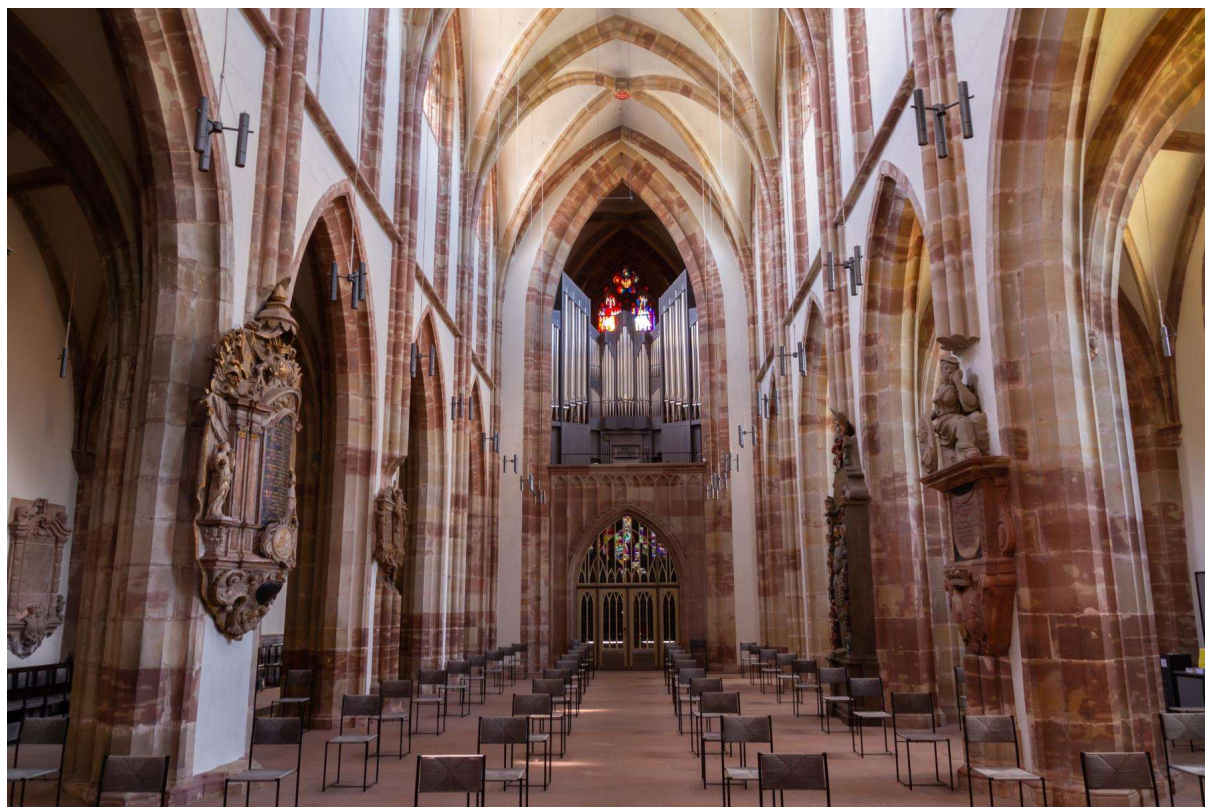
Preface

I proudly present my third Hauptwerk Sample Set, the Kuhn organ of the Stiftskirche Sankt Arnual in Saarbruecken, Germany.

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www.forestpipes.de

History

The former Augustinian canon monastery of St. Arnual, which was converted into a Protestant monastery during the Reformation, goes back to the village of Merkingen, which the Merovingian King Theudebert II gave to the Bishop of Metz, Arnual, around 600.

The first documented mention of the monastery dates back to 1135. Around 1550, the canons turned to the teachings of Martin Luther and demanded a reform of the monastery from Count Johann IV of Saarbrücken, which he forbade. He transferred the assets of the monastery to a separate foundation and thus dissolved the monastery. As he died childless in 1574, the county of Saarbrücken fell to the Protestant cousins from the Nassau-Weilburg line, who introduced the Reformation in 1575. Since 1896 Sankt Arnual has belonged to Saarbrücken.

The present collegiate church was built from 1315 to the end of the 14th century. It was renovated in 1886 - 88, during which time it was given a baroque tower dome and an organ loft. Due to the Saar expansion in the 1980s, the church almost collapsed, because the choir room, unlike the nave, is located on the alluvial soil of the Saar and was in danger of sliding away. The church was stabilised and renovated over a 15-year construction period, including archaeological excavations.

The first organ in Sankt Arnual was built by Oberlinger Orgelbau in 1888. It had 22 stops on mechanical windchests. This instrument was replaced in 1938 by a mechanical slider chest organ, also with 22 stops, by the firm Emil Hammer. However, the pointed arches, which reinforced the statics, prevented the sound from spreading optimally into the nave. So, as the crowning glory of the church renovation, an organ was to be built which would compensate for these deficiencies in the best possible way. At the same time, the Saarland University of Music and Theatre was looking for new possibilities for teaching and concerts. In contrast to the existing organs from Klais and Schuke in the conservatory, the new instrument was to enable the presentation of French symphonic music of the 19th and 20th centuries. The contract was awarded to the Swiss

company Kuhn, which built an organ with 44 stops on three manuals and mechanical slider chests. The stops are controlled electrically. The new instrument was inaugurated in 1995. A closed case with angled pipe fields allows a very good sound propagation into the nave.

Specification

Grand Orgue C-a³	Positif C-a³	Récit C-a³	Pédale C-g¹
Bourdon 16'	Salicional 8'	Quintaton 16'	Flûte 16'
Montre 8'	Bourdon 8'	Flûte traversière 8'	Bourdon 16'
Bourdon 8'	Prestant 4'	Viole de Gambe 8'	Quinte 10 2/3'
Violoncello 8'	Flûte 4'	Voix céleste 8'	Flûte 8'
Flûte harmonique 8'	Nazard 2 2/3'	Flûte octaviante 4'	Bourdon 8'
Prestant 4'	Quarte de Nazard 2'	Octavin 2'	Flûte 4'
Flûte 4'	Tierce 1 3/5'	Cornet V 8'	Bombarde 16'
Doublette 2'	Plein jeu V 1 1/3'	Basson-Hautbois 8'	Contrabombarde 32' *
Fourniture IV 2'	Cromorne 8'	Voix humaine 8'	Trompette 8'
Cymbale III 1'	Trompette 8'	Trompette harmoni-que 8'	Clairon 4'
Cornet V 8'	Tremblant	Clairon 4'	
Basson 16'		Tremblant	
Trompette 8'			
Clairon 4'			

II-I, III-I, III-II, I-P, II-P, III-P, Sub II-I*, Sub III-I*, Sub II*, Sub III*, Crescendo

(* Extensions in Sampleset)

Technical Details and Requirements

All samples were recorded four-channel with 24 bit/48 kHz, each tone with long, medium and short attack. A special denoising algorithm was then used to preserve the harmonics of the samples. The samples contain up to 6 loops.
All tremulant stops were also sampled.

In order to play the sampleset, your computer needs the following minimum RAM requirements:

16 Bit Stereo compressed 9 GB

16 Bit Surround compressed 16 GB

24 Bit Stereo compressed 17 GB

24 bit surround compressed 31 GB

The sample set is encrypted. You need the iLok(TM) dongle to play the set.

The sample set is encrypted. You have to install the "iLok LicenseM-anager" on your computer to obtain a license from us. Then you can choose between having a permanent internet connection to keep the license alive or buying an iLok-dongle from a retailer. Onto this you can transfer the license and use Hauptwerk without an internet connection. In Hauptwerk you also have to install the current "LicenseComponentPack-age" which you can download from www.hauptwerk.com. It's a rar-file which you install like an organ.

Installation

Please install the organ via the *File – install organ, temperament or impulse response reverb* menu in Hauptwerk. You only have to choose the first installation file, the other ones are being installed automatically.

When you have done this, please wait a while until all files are installed. Then the following screen appears:
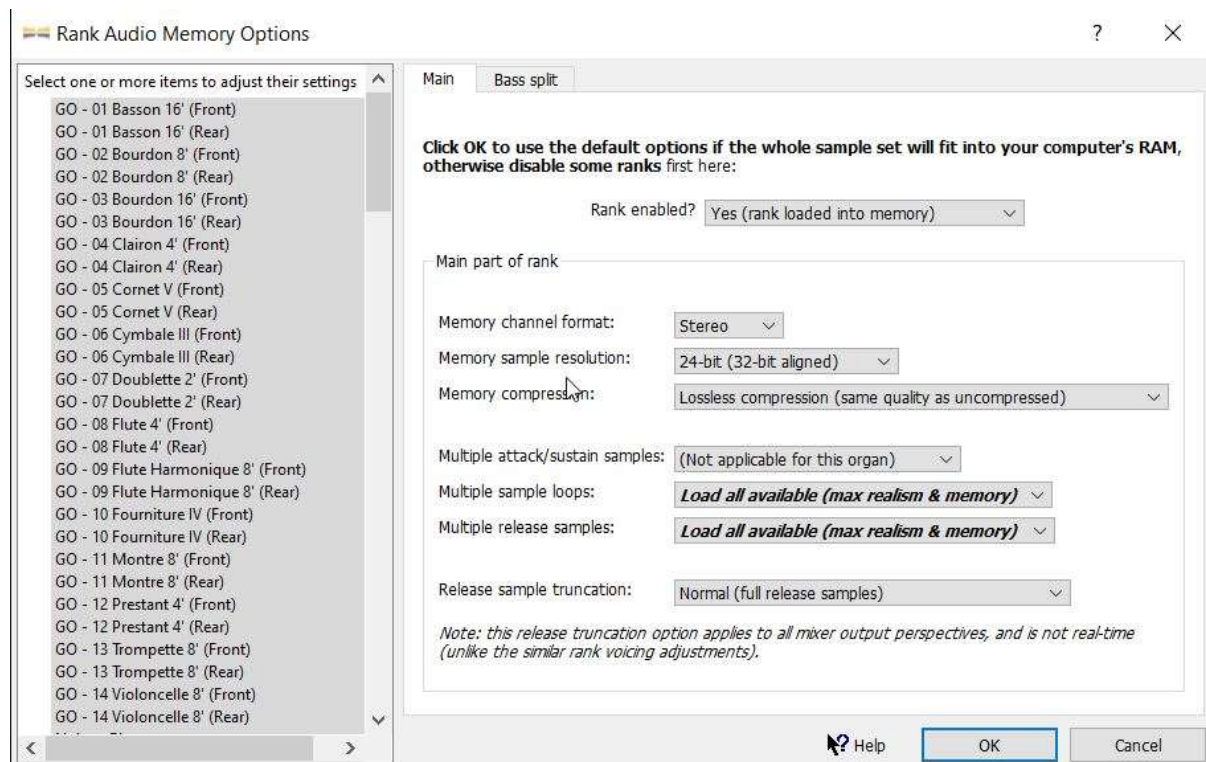
There you can select the stops and decide in which bit-quality you want to load them. After that the organ loads for the first time. This can take a while, depending on your computer resources. Finally you can click on *Finish* and make modifications in the large floating control panels.

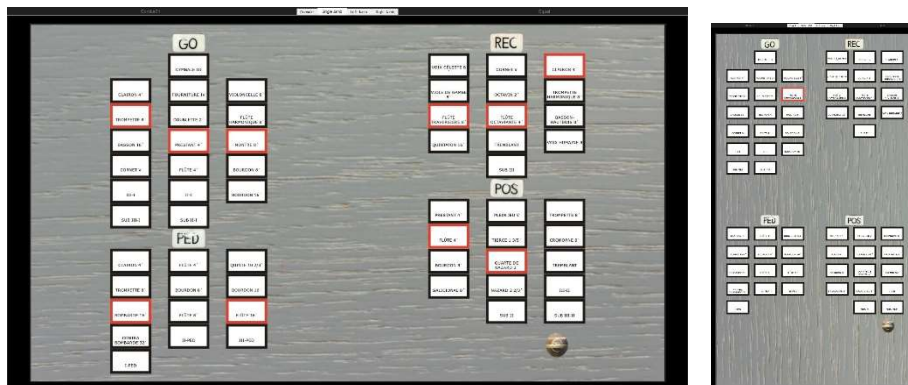For using the Hauptwerk-Mixer, please read the Hauptwerk Installation and User Guide.

When the organ has loaded, it has five screens:

Console
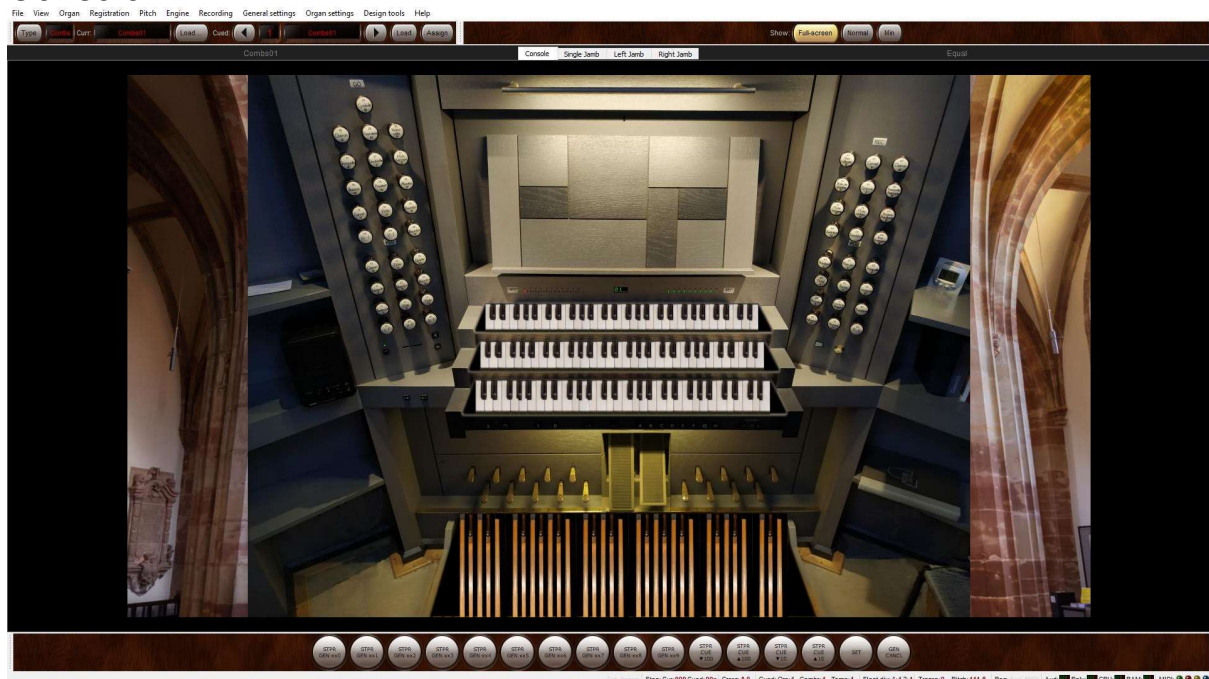
There you can MIDI-learn the keyboards and the right swell shoe via right-click. The other controls, especially the left crescendo swell shoe, are non-functional.

SingleJamb

This screen is intended for consoles with only one screen. If you have an upright display, the portrait screen is shown. On the bottom you find the motor switch.

LeftJamb
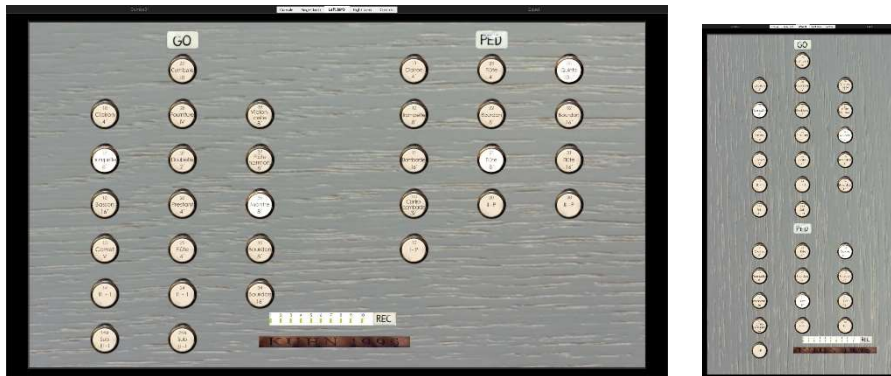
If you have a multi-monitor setup, you can select this screen for the left display. On upright displays the portrait screen is shown. On the bottom you find the swell indicator.

RightJamb

Analogous to *LeftJamb* you can select this screen for the right display. On upright displays the portrait screen is shown.

Controls

On this screen you can make several settings for the organ. On top left you can choose your listening position by turning the sliders for *Front* and *Rear* up and down. On top right you can do this for the stop and tracker noises of each division.
Left on the bottom there is the crescendo option. The stop nob turns it on and you can MIDI-learn one of your console pedals by right-click. In comparison to the swell shoe on the *Console* display only the left pedal is active. The indicator between pedal and stop knob shows the current stage of the crescendo.

Deinstallation
Please uninstall the organ via the *File – un-install organ, temperament or impulse response reverb* menu in Hauptwerk. You have to choose

Data: 002165 Sankt Arnual

and

Organ: Sankt Arnual

Then select *Un-install*

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