PRECISIONSOUND

Knutby Church Organ
for NI Kontakt, HALion & EXS24

Knutby is a small village in the centre of Uppland (Roslagen), Sweden, famous for its beautiful 13th century church. It's also the childhood home of Lars Westin of Precisionsound, so it was natural to take the opportunity to sample the Knutby Church Organ.

Lars Westin and Daniel Näsström spended a day and an evening in the church recording different combinations of Stops close to the front of the organ, and a selection of impulse responses to go with it.

All pipes for each Stop combination were recorded with note and release tail, close miked.
In postproduction some pipes were excluded, others retuned and the noisefloor of the fan system was removed from the recordings with the latest restoration tools.

 All notes have been seamlessly looped and the length of notes is long so in most circumstances you will never reach the loop points while playing.
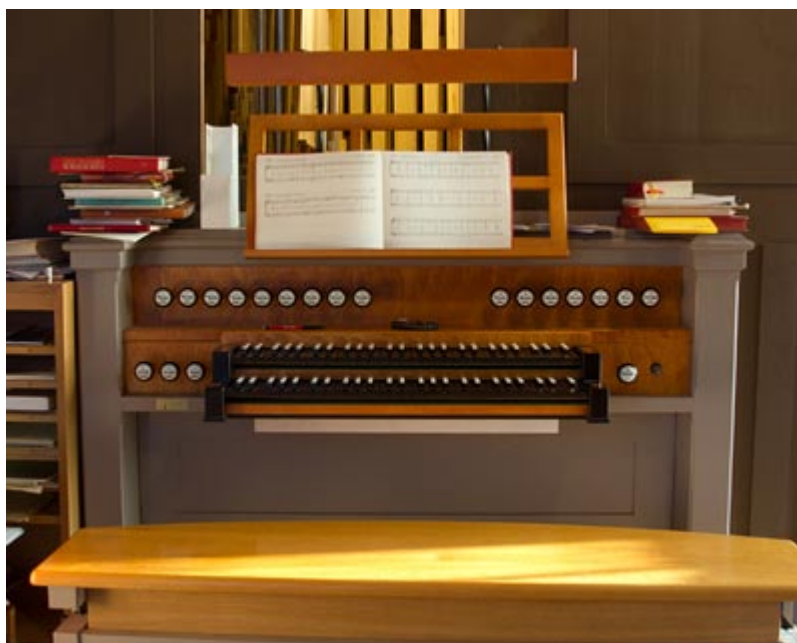
The organ was built in 1995 by Johannes Menzel,
 based upon a previous Gustav Andersson organ from 1867.

The picture above shows the inside of the Organ.

"An imposing wall surrounds the church and cemetery. The oldest parts of the church are from the 13th century. There are remains of early paintings under a richly ornamented vestment from the 15th century. Inside the church are well-preserved wooden sculptures from the 15th century, an unusual altar-screen and a baptismal font from the 13th century. This twin-nave church was called "Roslagen's cathedral" by Nobel laureate Nathan Söderblom."

The Knutby Church Organ contains 1502 stereo 24bit wav samples
15 programs for HALion 1-3 and EXS24.
24 programs for Kontakt 3 and 4 with KSP script and GUI
15 programs for Kontakt 1 and 2
5 Impulse response files that can be used in any IR reverb plugin of your choice.
These IRs are also implemented in the Kontakt 3 & 4 scripted programs.

The combination of Stops recorded are:
BM Basun 16 Fot
BM Octava 8 Fot
LM All Stops (-Trompet 8 Fot_Scarf 3 chor)
LM Dubbelfleut 8 Fot
LM Dubbelfleut 8 Fot_Octava_Tackfleut 4 Fot
LM Principal 8 Fot
LM Principal 8 Fot_Octava 4 Fot
LM Trompet 8 Fot
UM All Stops
UM Fugata 8 Fot
UM Fugata_Bedarkt_Unda Maris 8 Fot
UM Principal 4 Fot_Fleut 2 Fot
UM Tvarfleut 4 Fot Tremulant
UM Tvarfleut 4 Fot
UM Vox Virginia 8 Fot

All notes are mapped from C1 to F#5 stretched to C6 except the Basses that are mapped from
C0 to B0. **BM**= Bass Manual **LM**= Lower Manual **UM**= Upper Manual

Knutby Church Organ for NI Kontakt 3 & 4

The files in NI Kontakt 3 and 4 format <u>requires the full version of NI Kontakt 3 or 4</u> and does not work fully with the free Kontakt player!

Modwheel (CC1) controls an EQ that simulates the swellbox open/closed sound of the organ. Sustain Pedal (CC64) switches/alternates between the Tremulant (vibrato) and non Tremulant sound of the "UM Tvarfleut 4 Fot Tremulant" and "UM Tvarfleut 4 Fot". For other Stops the Sustain pedal has no effect.

Knutby Stops page.

You can freely create Upper and Lower stop combinations. The name for each stopselections will be shown in the textfields above the control knobs. The 2 Bass Manuals are always present from C0 to B0, with the "BM Basun 16 Fot" wired to the Lower Manual and the "BM Octava 8 Fot" to the Upper Manual.

Stops: Selection knobs for the Stop combinations, you can select "Empty" on any of the manuals.
Volume: Controls the volume for the manuals.
Pan: Controls the panning for the manuals.
Tune: Controls the fine-tuning in cents +/- 5 notes for the manuals.

The General section affects both the Upper and Lower manuals
Release: Controls the volume of the release samples relative to the note-on samples.
Velocity: Controls the amount of velocity sensitivity from 0 to 100%.

Knutby EQ + Reverb page.

Equalizer: Lo, Mid and Hi volume control +/- control knobs.
Reverb: IR Reverb FX with 5 presets "Cathedral", "Hall", "Knutby 1", "Knutby 2", "Knutby 3" and level control knob.

Knutby Credits page.

Recording by Lars Westin & Daniel Näsström
Editing & programming by Lars Westin
KSP Scripting by Iain Morland http://sound.iainmorland.net
GUI Graphics by Lars Westin
Includes impulses from the free Bricasi M7 library by Acousticas, used under license
Special thanks to Mattias Jansson, Cantor in Knutby Church

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