

O W N E R S M A N U A L

O P U S

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JOHANNUS ORGELBOUW

A short history review

Although JOHANNUS ORGELBOUW is a relatively young company, It has an extensive experience in building classical electronic organs. It started in a cellar with the building of church organs, of which the first was completed on march the 4th 1971. Soon afterwards study organs were included in the assortment.

There were many requests for this new instrument that allowed many organ enthusiasts to study classical and lithurgic music (not everyone had the possibility to play regularly in a church). Due to the increasing production, the manufacturing area was soon too small and the factory moved to a builing in Veenendaal. Here the study organs type S, HII and HIII, and the church organs type KII, KIIB, KIIC and KIIIC were built.

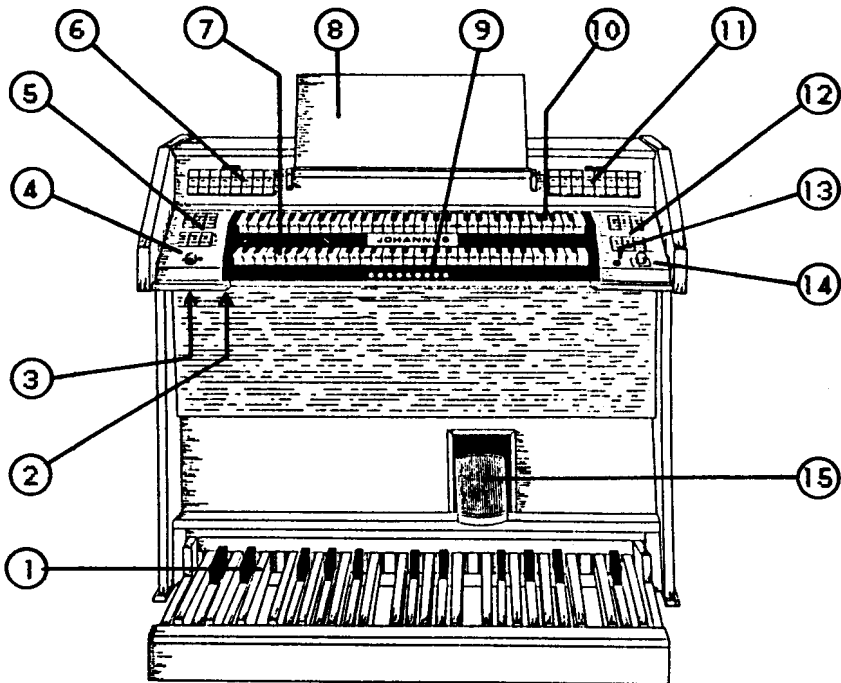
In 1976 their own specialized company was started, which fulfilled the demands of both artistic and production oriented people. Inside the company a complete concerthall was built, that was multi-functional according modern standards. This hall could be used both for concerts, for demonstrating church organs and for intonation of the organs. This implies that church organs were tone technical adjusted to a large room, hereby saving hours of intonation work in the church itself.

The new company in Ede was opened on march the 12th 1976 by the world-famous Dutch organist FEIKE ASMA, after whom the concerthall was named, to his own surprise as gratitude for the valuable advises he contributed to JOHANNUS ORGELBOUW, which was the base for the characteristic JOHANNUS sound.

Untill this day we are building with a lot of pleasure and dedication extensive series of "large" and "small" organs which are becoming famous all over the world.

The JOHANNUS ORGELBOUW Wishes you a great deal of musical pleasure with your organ.

OPUS 1000



1. Pedalboard
2. Headphone jack
3. Serial number plate
4. Cathedral volume
5. Stops pedal
6. Stops great
7. Keyboard great
8. Music rack
9. Presets
10. Keyboard swell
11. Stops swell
12. accessories
13. On/off switch
14. Transposer
15. Expression pedal

DISPOSITION

PEDAL		GREAT		SWELL		ACCESSORIES
1. Double Bass	16'	7. Principal	8'	15. Stopped Flute	8'	23. Swell to Great
2. Subbass	16'	8. Rohrflute	8'	16. Gamba	8'	24. Great to Pedal
3. Principal	8'	9. Octave	4'	17. Celeste	I	25. Swell to Pedal
4. Gedackt	8'	10. Twelfth	2 2/3'	18. Flute	4'	26. Tremulant Great
5. Octave	4'	11. Octave	2'	19. Waldflute	2'	27. Tremulant Swell
6. Contra Trumpet	16'	12. Cornet	IV	20. Nazard	1 1/3'	28. Chorus
		13. Mixture	III-IV	21. Sesquialtera	II	
		14. Trumpet	8'	22. Cromorne	8'	

Presets

Pr.	Name	Stop numbers		
PP	Pianissimo	2	8	15
P	Piano	PP + 4	9	18
MF	Mezzo Forte	P + 3	7	16
F	Forte	MF + 5	10 11	19 22
FF	Fortissimo	F + 1	13	20
T	Tutti	FF + 6 24 25	14 23	21

- RD : Reeds off switch
 HR : Hand-registration switch
 HR+ : Allows you to join your own registrations to the presets

INTRODUCTION

You are now the proud owner of an original JOHANNUS organ, an instrument with a well chosen and a splendidly balanced selection of stops, making a great variety of sound combinations possible.

This manual will assist you to make use of the almost unlimited possibilities offered by this JOHANNUS organ. The manual provides technical specifications, together with a brief discussion of registration. Please spend a few minutes reading this important information, then experience the wonderful potential of your new organ.

ON / OFF SWITCH

It is important that you check first the current Voltage with the Voltage of the organ. The voltage of the organ is printed on the serial numberplate. The switch lights up when the organ is switched on, after a few seconds the amplifiers will be switched on automatically.

PEDALBOARD

The pedalboard of your organ works with magnet-switches. The magnets are mounted in the pedalkeys and the switches are mounted inside the organ. Therefore it is very important to shove the pedalboard under the organ in the right way, to prevent drop outs of pedal-tones.

CATHEDRAL

The digital cathedral-effect gives you the acoustic properties associated with the resonance of large buildings, and aims to give as wide a level and range of resonance as possible to enhance the tonal quality of sound produced from the organ.

The volume-control determines the volume of the cathedral-effect. By turning the volume-control totally counterclockwise you can turn off the cathedral-effect.

COUPLERS

The organ has a complete set of inter-manual and pedal couplers.

This means that you can couple the upper manual (SWELL) to the lower manual (GREAT) with the stop SWELL TO GREAT. By switching on this stop the stops of SWELL can be played on the keyboard of GREAT. By switching on the pedalcouplers GREAT TO PEDAL and SWELL TO PEDAL you can play respectively the stops of GREAT and SWELL on the pedalboard.

TREMULANTS

SWELL and GREAT have separate tremulants. By using the couplers, the tremulant of the relating keyboard is even coupled to GREAT or PEDAL.

EXPRESSION PEDALS

The OPUS 1000 has one expression pedal for volume-control for the entire organ.

TRANSPOSER

The transposer control allows you to change the key in which you are playing. There are seven positions of this control: one normal key, three half notes down and three half notes up; the middle position is the normal key.

PRESETS

JOHANNUS organs are equipped with the possibility to change registrations rapidly by adding or omitting several stops in one moment. The factory has pre-selected six very useful registrations, which can be activated by pressing one of the presets (PP P MF F FF T). These pistons are located directly below the keyboard GREAT. The presets can help you to get acquainted with your new organ. They are set from left to right with registrations from soft to full organ. These registrations are beautiful and offer many possibilities; however, do not let the temptation of these six handy pistons keep you from discovering new combinations. Develop your own registration style and try to registrate as diversified as possible.

The HR+ piston allows you to add stops to the stops activated by the presets. For instance if you play on preset combination PP (SUBBASS 16', ROHRFLUTE 8' and STOPPED FLUTE 8') you can add the PRINCIPAL 8' by pressing this stop and piston HR+.

With the REEDS OFF piston (RO) you are able to switch off the reeds at any time. The reeds are the voices with red coloured stop tabs. The 'RO' piston effects also the reeds activated by the presets. If you press again the 'RO' piston the silenced reeds will work again.

NOTE: If you should set the Trumpet 8' (for instance) and there is no result, switch off the 'RO' piston.

REGISTRATION

Registrating is essential to the art of organ playing. You are able to make countless combinations with the 22 stops and 6 accessories of this organ. This is a vital part of the excitement that owning and playing a JOHANNUS organ will bring you. Sometimes selecting registrations is not as easy as it may appear; however, practice and experimentation will provide you with many exciting options. As there is no unification in the JOHANNUS, the independent sound structure of each stop enables you to choose the desired combination of stops for each piece you play. You may use the basic rule; footages, which are multiples of each other, blend very well together. For example, an 8' with a 4'. You may also wish to choose so called "mutation stops", such as TWELFTH or MIXTURE, which are intended to be used in combination with other stops in order to achieve well-balanced sounds.

HEADPHONE JACK

The headphone jack is a stereo connection socket and is suitable for use with stereo headphones with an impedance till 2000 Ohm (2kΩ). By using a low impedance headphone (8Ω), it is possible that the organ sounds to loud. With the expression pedal you can adjust the right volume by using a low impedance headphone.

EXTENSIONS (at the rearside of your organ)

OCTAL SOCKET FOR PIPEFRONT

The black octal socket is destined for connecting a JOHANNUS loudspeaker console (with or without organpipes). This console will not only give a splendid look to your organ, but also the sound will get much better. The combination of organ with the console gives a better balance and a more optimal sound.

DIN SOCKET FOR 4-CHANNEL DIGITAL ACOUSTICS

One 180° DIN-socket is destined for connecting a JOHANNUS 4-channel digital acoustical system. The digital acoustical system creates an acoustical situation in the (for instance) livingroom along electronic channels which are very close to those of a cathedral or concert hall. Your dealer will be happy to give you additional information or demonstrations.

DIN SOCKET FOR MIDI

One 180° DIN-socket is destined for MIDI. MIDI is the shortening for: Musical Interface for Digital Instruments. This means that a keyboard, soundprocessor, expander, sequencer, computer, etc. can be connected. So that you, playing on your JOHANNUS organ, can play an other instrument at the same time. This connections is only prepared for MIDI-OUT

CARE OF YOUR JOHANNUS ORGAN

Cabinet work and pedalboard should be cleaned with a soft polishing cloth, wet or sprayed with a LITTLE BIT of spray polish. The bench is only to be cleaned with a dry duster, DO NOT USE WAX, ABRASIVE, CAUSTIC OR CORROSIVE CLEANING COMPOUNDS. The keyboards, stop tabs and name plates should be cleaned with a soft duster or chamois leather. NEVER SPRAY WATER OR CLEANING COMPOUND DIRECTLY ON THE ORGAN OR PARTS OF THE ORGAN.

OPUS 1000 TECHNICAL DATA

- Manual compass: C - g''' (4½ octaves).
 - Pedalboard: C - d' (27-tone Mecklin standard).
 - Touch: Church organ touch.
 - Couplers: Complete set of inter-manual and pedal couplers.
 - Tremulants: Independant tremulant generator for Great and Swell.
 - Tone generation: Digital Multi-generator system.
 - Amplification: 2 output amplifiers of 60 watt each, with separate loudspeakers.
 - Chiff: Every voice has a natural chiff on every key.
 - Chorus: The JOHANNUS chorus effect can be switched on with the CHORUS-tab.
 - Cathedral: The cathedral-effect has been digitally realized. It is adjustable with 1 volume control (continue).
 - Pedalcontactsystem: Noiseless system with reedswitches, magnets in the pedalkeys.
 - Repeating mixture on Great.
 - Transposer: 3 steps up and 3 steps down.
 - Presets: PP-P-MF-F-PF-T.
Piston RO : Reeds off.
Piston HR : Hand Registration.
Piston HR+: Allows you to join your own registration to the presets.
 - Expression pedal: 1 Expression pedal for the entire organ.
- Connections:
- * Headphone, prepared for stereo headphones till 2000 Ohms (2kΩ).
 - * Midi-out, 3 channels.
 - * JOHANNUS 4-channel digital acoustics.
 - * JOHANNUS pipefront.
- Illuminated pedalboard.
 - Bench with music storage.
 - Standard design: dark oak or light oak.

REGISTRATION EXAMPLES OPUS 1000

	A-H; Organ PP-T								I-J; Trio		K; Romantic		L-M; solo on Swell		N-O; solo on Great		P; Romantic solo on Great
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	
PEDAL																	
1. Double Bass 16'	o	o	.	.	.	.	.	.	.	.
2. Subbass 16'	.	o	o	o	o	o	o	o	.	o	o	o	o	o	o	o	
3. Principal 8'	.	.	.	o	o	o	o	o	o	.	.	.	.	.	.	.
4. Gedackt 8'	o	.	o	o	o	o	o	o	.	o	o	.	o	o	o	o	
5. Octave 4'	o	o	o	o	.	.	.	.	.	.	.	.
6. Contra Trumpet 16'	o	o	.	.	.	.	.	.	.	.
GREAT																	
7. Principal 8'	.	.	o	o	o	o	o	o	o	.	.	.	o	.	.	o	
8. Rohrflute 8'	o	o	o	o	o	o	o	o	.	o	o	o	.	o	o	.	
9. Octave 4'	.	.	.	o	o	o	o	o	.	.	.	.	.	.	.	o
10. Twelfth 2 2/3'	o	o	o	o	.	o	.	.	.	.	.	.
11. Octave 2'	.	.	.	o	o	o	o	o	.	.	.	.	.	.	.	.
12. Cornet IV	o	.	o	
13. Mixture IV	o	o	.	o	.	.	.	.	.	.	.	.
14. Trumpet 8'	o	o	o	.	.	.	.	.	.	o	.	
SWELL																	
15. Stopped Flute 8'	.	o	o	o	o	o	o	o	.	o	.	o	.	o	o	o	
16. Gamba 8'	o	o	.	.	.	.	o	o	.	.	o	.	.	.	o	o
17. Celeste I	o	o	.	.	.	.	.	.	.	.	o	.	.	.	.	o
18. Flute 4'	.	.	o	o	o	o	o	o	.	.	.	o	.	o	.	o	
19. Waldflute 2'	.	.	.	o	o	o	o	o	.	.	.	.	.	.	.	.
20. Nazard 1 1/3'	o	o	o	.	o	.	.	.	.	.	.
21. Sesquialtera II	o	o	.	.	.	o	.	.	.	.
22. Cromorne 8'	o	o	o	o	o	.	.	.	o	.	.	.	
ACCESSORIES																	
23. Swell to Great	.	o	o	o	o	o	o	o	.	.	o	.	.	.	.	o
24. Great to Pedal	.	o	o	o	o	o	o	o	.	.	o	o	o	.	.	.	
25. Swell to Pedal	.	o	o	o	o	o	o	o	.	.	o	.	.	o	o	o	
26. Tremulant Great	o	.	o	
27. Tremulant Swell	o	
28. Chorus	.	o	o	.	o	.	o	o	.	.	o	.	.	.	.	.

