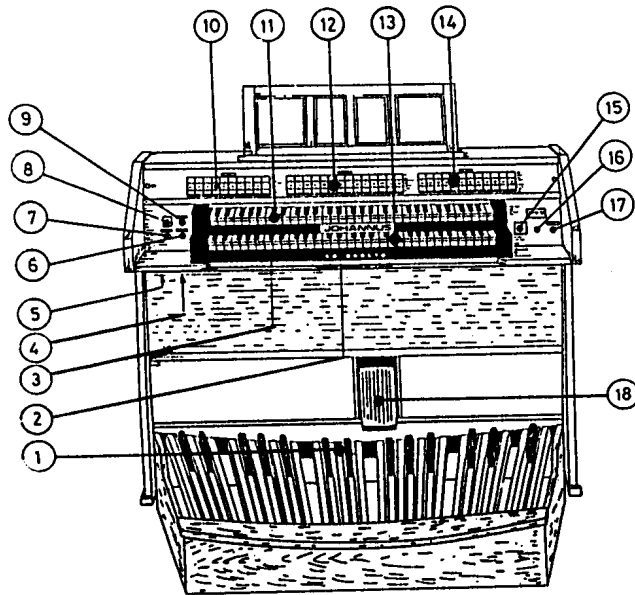


O W N E R S M A N U A L

O P U S

2 5 0 - 2 5 5 - 2 5 8



Explanation of the numbers;

- 1, Pedalboard
- 2, Presets
- 3, Melodic Bass
- 4, Serial Numberplate
- 5, Headphones Jack
- 6, Volume Control
- 7, Chorus
- 8, Cathedral Programs
- 9, Cathedral Volume
- 10, Pedal Stops
- 11, Swell
- 12, Swell Stops
- 13, Great
- 14, Great Stops
- 15, Transposer
- 16, On / Off Switch
- 17, 3-Pos Switch
- 18, Expression Pedal

DISPOSITION

PEDAL		SWELL		GREAT	
1, Double Bass	16'	13, Quintaton	16'	25, Diapason	8'
2, Subbass	16'	14, Diapason	8'	26, Gamba	8'
3, Principal	8'	15, Celeste	8'	27, Stopped Flute	8'
4, Violon	8'	16, Rohrflöte	8'	28, Principal	4'
5, Gedackt	8'	17, Octave	4'	29, Open Flute	4'
6, Octave	4'	18, Koppelflöte	4'	30, Twelfth	2 2/3'
7, Mixture	III	19, Flute Twelfth	2 2/3'	31, Octave	2'
8, Contra Trumpet	16'	20, Flute	2'	32, Superquint	1 1/3'
9, Trumpet	8'	21, Sesquialtera	II	33, Octave	1'
10, Clarion	4'	22, Fagotto	16'	34, Mixture	V
11, Great to Pedal		23, Cromorne	8'	35, Trumpet	8'
12, Swell to Pedal		24, Tremulant		36, Clarion	4'
				37, Tremulant	
				38, Swell to Great	
				39, Enclosed Great	

Presets

Pr.	Name	Composition (stop numbers)
PP	Pianissimo	2 16 27
P	Piano	PP + 5 18 29
MF	Mezzo Forte	P + 3 14 17 25 28
F	Forte	MF + 6 9 19 20 23 30 31 35
FF	Fortissimo	F + 1 21 26 34
T	Tutti	FF + 7 8 10 11 12 13 22 32 36 38

- RD : Reeds off switch
- HR : Hand-registration switch
- HR+ : Allows you to join your own registrations to the Presets
- CA : Cancel Accessories
- 0 : Cancel every stop

INTRODUCTION

You are now the proud owner of an original JOHANNUS organ, an instrument with a well chosen and 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 OPUS 250. 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 JOHANNUS organ.

MUSIC RACK

The music rack is bolted to avoid damage during transportation. In order to tip-up or down the music rack it firstly has to be lifted up at the frontside.

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 number plate. The switch lights up when the organ is switched on, after approximately 2 seconds the amplifiers will be switched on automatically.

HAND REGISTRATION

The manually set stops can be played after you have pressed the 'HR' piston.

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 usefull registrations, which can be activated by pressing one of the presets (PP P MF F FF T). These pistons are located directly below the 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.

HR+

This piston allows you to add stops to the stops activated by the presets. For instance if you play on preset combination 'PP' (= stop no. 2, 16 and 27), you can add the Diapason 8' (25) by pressing 'HR+' and stop no. 25.

REEDS-OFF

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

Note: If you should set the Trumpet and there is no result, switch off the 'RO' piston.

CATHEDRAL CONTROL

The digital reverberation system is designed by JOHANNUS for giving 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. To operate, we have provided this reverberation with two controls: The left control is for the volume and the right one is for off, step 1, step 2, step 3.

CHORUS CONTROL

The Chorus Control expands the multi-generator-system incorporated in the JOHANNUS organ, which gives the unique rich and varied tone associated. The effect is best heard if you play on the Great with couplers.

ACCESSORIES

- Swell to Great:** Couples the upper manual (Swell) to the lower manual (Great), so that Swell can be played on Great.
- Great to Pedal:** Couples Great to Pedal, so that Great can be played on Pedal.
- Swell to Pedal:** Couples Swell to Pedal, so that Swell can be played on Pedal.
- Tremulants:** Each manual has an independent tremulant circuit, switchable by the two tremulant switches near the stops. The tremulants are working on the stops of the applying manuals even if they are coupled.

TOBE GENERATORS

There are five tone generators in your organ; one is used for the Pedal, two for Great, and two for Swell. When you play on Great using the couplers, and select stops from both manuals and the Pedal, you are using all the generator sets and experience the full potential of sound, your organ can produce. For instance, an 8' from Great with a 4' from Swell, sounds better than the combination of an 8' and a 4' from Swell. In other words, you are making the maximum use of the generator sets. When you find a combination of stops that particularly appeals to you, make a note of this combination of stops on the last page.

HEADPHONE SOCKET

This is a stereo connection socket and is suitable for use with any low impedance stereo headphones. When the headphones are plugged in, the speakers are shut off automatically.

EXPRESSION PEDAL

Expression pedal for Swell. When you use the switch " enclosed Great " also Great and Pedal will be effected by the expression pedal. This pedal effects not only the total volume of the organ, but also the sound-colour. When the expression pedal is closed the organ sounds soft and warm, when you open the expression pedal the organ gets brighter.

DIGITAL (EXPANDED) CAPTURE SYSTEM:

This is an electronic device which was optional on your organ (it cannot be built in at a later date).

This device is capable of putting your registrations in it's memory, and reproducing those registrations any moment.

Reading the memory:

- a/ select one of the three memory banks (M1,M2,M3).
- b/ push one of the eight generals or one of the six presets or (expanded capture only) one of the divisionals.
- c/ adjust the stop lamp control if necessary.

Writing into the memory:

- d/ make a registration.
- e/ select one of the three memory banks.
- f/ turn the capture lock key to the right.
- g/ push the SET button and keep it pushed.
- h/ push one of the eight generals or (expanded capture only) one of the divisionals.
- i/ release the SET button.

Remarks:

Generals are controlling the complete amount of stops while the divisionals only effect the stops of that certain division.

You can always change the registration by adding or omitting some stops after reading the memory. If you prefer this new registration more than the one out of the memory, write this one into the memory (g - h - i). The presets are programmed in the factory and are not to be changed.

CANCEL ACCESSORIES: (Can be optional.)

This piston disconnects the accessories from the capture system, so if you have made a registration and you have pressed the "CA" piston, the capture system can not change the actual state of the accessories if you are reading a program from the capture system.

GENERAL CRESCENDO PEDAL (Can be optional.)

This is an electronic device which was an option on your organ (it cannot be built in at a later date)

The General crescendo pedal is situated right from the expression pedals. and is mounted approx. one inch higher than the expression pedals. The normal position of the General crescendo pedal is closed. (de-activated). If you press the pedal you hear the organ from the first step (very soft) till the last step (Tutti). Including in all the steps are the couplers.

FOOT PISTONS: (Can be optional.)

The organ can be provided with several combinations of Foot Pistons:

- 4 : 3 Couplers and one RO(Reeds off).
- 9 : 8 Generals and one for Tutti
- 12: 8 Generals, 3 couplers and one for Tutti

CARILLON: (Can be optional)

The Carillon can be played on the Great. This 'stop' has 37 keys (the middle three octaves of the Great) and is voiced with a minor third (which is also with real bells) . Because of the minor third, it is difficult to combine the Carillon with the organ stops. It sounds the best if you play a solo voice with the Carillon, and the accompaniment on Swell and a piece of music written in the minor key. You can adjust the Volume with the control.

TECHNICAL INFORMATION:

- Manual compass: C - c'''' (5 octaves).
- Pedalboard: C - g' 32-note AGO pedalboard.
- Touch: Church organ touch.
- Couplers: 1 Manual- and 2 Pedal couplers.
- Tremulants: Independant tremulant-generator per manual.
- Tone generation: Multi-generator system (5 generators).
- Amplification: 3 output amplifiers, 28 Watts each with separate loudspeakers, optional 3 X 80 Watt amplifiers for external speakers.
- Attack: The attack varies within the registers of the manuals.
- 3 Pos Switch: Switch for internal and external speakers
- Chorus: The JOHANNUS Chorus consists of a adjustable undulation of the generators.
- Cathedral: The JOHANNUS cathedral effect is an overall reverberation of several channels, externally adjustable.
- Fixed combinations: PP - P - MF - F - FF - T.
Piston RO. = Reeds Off.
Piston HR. = Hand Registration.
Piston HR+ = Allows to join own registrations to the fixed combinations.
Piston CA = Cancel Accessories
Piston 0 = Cancel every stop
- Expression pedal: Expression pedal for the entire organ.
- Celeste stop.
- Connections for:
 - * Stereo headphones.
 - * JOHANNUS 4-channel acoustic system.
 - * JOHANNUS Pipefront
- Illuminated pedalboard.
- Transposer
- Bench with music storage.
- Pedalcontactsystem: noiseless system with reed switches and magnets in the pedalkeys.
- Standard design: dark oak or light oak, with finished back.

OPTIONS:

- Capture system
- Expanded capture system
- General crescendo pedal
- Toe studs
- Carillon

DIMENSIONS (CM)

- Height : 111
- Width : 132
- Depth : 63
- Depth with pedalboard : 115

TRANSPOSER:

The transposer control allows you to change the key in which you are playing. there are 7 positions of this control: one normal key, three half notes down and three half notes up; the middle position is the normal key.

3-POSITION SWITCH: (Can be optional)

The 3-position Switch controls output of the organ as follows:

- 1) Sound comes entirely from internal loudspeakers.
- 2) Sound comes from both, internal speakers at reduced power and the external speakers at full power.
- 3) Sound comes entirely from the external loudspeakers.

MELODIC BASS: (Can be optional)

This is a special coupler which couples the Pedal to Great, but only the lowest key from a chord which is pressed on Great. The Pedal keeps on working normally if you press the MB Switch, only the coupler Great to Pedal is de-activated.

REGISTRATIONS

Registrating is essential to the art of organ playing. You are able to make countless combinations with the 33 stops and 6 accessoires of this organ. This is a vital part of the excitement that owning and playing a JOHANNUS 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; that 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.

EXTENSIONS

Your JOHANNUS organ can be enhanced with a JOHANNUS 4-channel acoustic system. You will find a standard output plug connection (DIN) located at the back of the organ. This plug is meant only for connecting the 4-channel acoustic system.

You can also connect a JOHANNUS Pipefront to the organ, this is a speaker cabinet which is to be placed on top of your organ and which is decorated with organ pipes. Your dealer will be happy to give you additional information or demonstrations.

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, registration 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 !

REGISTRATION EXAMPLES:

A-D. Romantic celeste & string combinations

E-H. Using mutations to create solo colours with various accompaniments

I-L. Using reeds

M-P. Foundations

		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P		
:	1. Double Bass	16'	.	.	.	.	.	.	.	.	.	.	0	.	.	0	0	
:	2. Subbass	16'	0	0	0	0	0	0	0	0	0	.	0	0	0	0	0		
:	3. Principal	8'	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0	
P	4. Violon	8'	.	.	0	.	.	.	.	.	0	.	.	.	.	.	0	
E	5. Gedackt	8'	.	.	.	.	0	.	.	.	0	0	.	0	0	0	0	
D	6. Octave	4'	.	.	.	.	.	.	.	.	.	0	.	.	.	.	0	
A	7. Mixture	III	.	.	.	.	.	.	.	.	.	.	0	.	.	.	0	
L	8. Contra Trumpet	16'	.	.	.	.	.	.	.	.	.	.	0	.	.	0	0	
:	9. Trumpet	8'	.	.	.	.	.	.	.	.	.	.	0	.	.	0	0	
:	10. Clarion	4'	.	.	.	.	.	.	.	.	.	.	.	.	.	0	0	
:	11. Great to Pedal		0	0	0	0	0	0	0	0	0	.	.	0	0	0	0		
:	12. Swell to Pedal		0	.	0	.	0	.	.	.	0	.	.	0	0	0	0		
			A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	
:	13. Quintaton	16'	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
:	14. Diapason	8'	.	.	.	.	.	0	.	.	.	0	.	.	0	0	0	0
:	15. Celeste	8'	0	0	0	0	0	0	0	.	.	.	.	0	0	0	0	0
S	16. Rohrflöte	8'	.	.	.	0	0	0	0	.	.	.	0	0	0	0	0	0	
W	17. Octave	4'	.	.	.	.	.	.	.	.	0	0	0	.	0	0	0	0
E	18. Koppelflöte	4'	.	.	.	0	.	.	.	.	0	.	.	.	0	0	0	0
L	19. Flute Twelfth 2 2/3'		.	.	.	0	.	0	.	.	.	.	.	.	.	0	0	0
L	20. Flute	2'	.	.	.	.	.	.	.	.	.	.	.	.	.	0	0	0
:	21. Sesquiltera	II	.	.	.	.	.	.	0	.	.	.	.	.	.	.	.	0
:	22. Fagotto	16'	.	.	.	.	.	.	.	0	.	.	.	0	.	.	0	0
:	23. Cromorne	8'	.	.	.	.	.	.	.	0	.	.	0	0	.	.	.	.
:	24. Tremulant		.	.	.	0	0	0	0	0	.	.	.	.	.	.	.	.
			A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	
:	25. Diapason	8'	0	.	.	.	0	0
:	26. Gamba	8'	.	.	0	0	0	0	0	.	0	0	.	.	0	0	0	0	
:	27. Stopped Flute	8'	.	0	.	0	.	.	0	0	0	.	0	.	.	0	0	0	
:	28. Principal	4'	.	.	.	0	.	.	.	0	.	.	.	0	.	.	.	0	
:	29. Open Flute	4'	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
G	30. Twelfth	2 2/3'	.	.	.	.	.	.	.	.	.	.	0	.	.	.	.	0
R	31. Octave	2'	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
E	32. Superquint	1 1/3'	.	.	.	.	.	0	.	.	.	.	.	.	.	.	.	0
A	33. Octave	1'	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
T	34. Mixture	V	.	.	.	.	.	.	.	.	.	.	.	0	.	.	.	0
:	35. Trumpet	8'	.	.	.	.	.	.	.	.	.	.	.	0	.	.	.	0
:	36. Clarion	4'	.	.	.	.	.	.	.	.	.	.	.	0	.	.	.	0
:	37. Tremulant		0	.	.	0	0	0	.	.	.	.	.	.	0	0	0	0
:	38. Swell to Great		.	.	.	0	.	.	.	.	.	.	.	.	0	0	0	0
:	39. Enclosed Great		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

NOTE: Tremulants are always optional
Stop numbers can be different.

REGISTRATION EXAMPLES:

		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
SPACE FOR YOUR OWN REGISTRATIONS																
1. Double Bass	16'	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2. Subbass	16'	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3. Principal	8'	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4. Violon	8'	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5. Gedackt	8'	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6. Octave	4'	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7. Mixture	III	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8. Contra Trumpet	16'	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9. Trumpet	8'	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10. Clarion	4'	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
11. Great to Pedal		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
12. Swell to Pedal		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
13. Quintaton	16'	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
14. Diapason	8'	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
15. Celeste	8'	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
16. Rohrflöte	8'	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
17. Octave	4'	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
18. Koppelflöte	4'	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
19. Flute Twelfth 2	2 2/3'	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
20. Flute	2'	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
21. Sesquiltera	II	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
22. Fagotto	16'	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
23. Cromorne	8'	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
24. Tremulant		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
25. Diapason	8'	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
26. Gamba	8'	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
27. Stopped Flute	8'	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
28. Principal	4'	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
29. Open Flute	4'	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
30. Twelfth	2 2/3'	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
31. Octave	2'	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
32. Superquint	1 1/3'	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
33. Octave	1'	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
34. Mixture	V	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
35. Trumpet	8'	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
36. Clarion	4'	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
37. Tremulant		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
38. Swell to Great		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
39. Enclosed Great		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

SPECIFICATIONS CAN BE CHANGED WITHOUT NOTICE.