

Studio 280 • 380

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*The Studio is breathing new life on the organ scene: a complete and compact organ with new authentic pipe organ stops spread across four organ styles.*



**JOHANNUS**

Sound  
of excellence





# Organ playing starts with this *impressive practice companion*

The Studio is breathing new life on the organ scene: a complete and compact organ with authentic pipe organ stops spread across four organ styles. The style-variable stoplist includes stops from Kampen, Amsterdam, Paris, Raalte and Dresden. Never before have these pipe organs been within such easy reach of every organist. As the Studio also has convolution reverb as standard, it is a unique organ in its class!



# Play a *pipe organ* on your practice organ

Authentic pipe organ stops from: Amsterdam - Dresden  
Parijs / Raalte - Kampen

## Bringing the pipe organ within everyone's reach

The Studio is an accessible and complete instrument with a stunning sound. This organ was designed to make the pipe organ accessible – an essential mission for Johannus. That's why they chose a style-variable stoplist packed with stops from five authentic pipe organs. This brings the pipe organ within the reach of both professional as well as hobby organists.

## Four organ styles with characteristic stops

The Studio has four organ styles: romantic, symphonic, baroque and historical. Each style has stops from specific historical pipe organs. To best showcase each style, a stoplist was chosen in which stops are linked specifically to a particular style, which is why some stop tabs have a double engraving. For instance the symphonic set offers organists a Flûte Harmonique, while the Quintadeen can be heard via the same stop tabs in the romantic, baroque and historical set. The baroque set's swell division also has a complete principal chorus and

## Make amazing music while you practice

the treble and the carillon can be heard in the historical set. The Studio cleverly interprets the unique sounds of each style. Practising was never so much fun or realistic.

## Authentic pipe organ stops for a true pipe organ experience

The Studio has a standard stoplist that includes only stops from real pipe organs. For instance, the romantic style only has stops from the Vater-Müller organ from the Oude Kerk in Amsterdam and the organist can hear the Hinsz organ sounds from the Bovenkerk in Kampen in the historical sample style. Adema (Raalte) and Cavaillé-Coll (Paris) can



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be heard in the symphonic style and the baroque style comes to life in the Silbermann organ from the Katholische Hofkirche in Dresden. The stops combined with realistic wind model and true-to-life convolution reverb complete the organ experience.

#### **Two natural solo stops**

As well as the sampled pipe organ stops, the Studio also has two high-quality and natural solo stops. The organist can choose pan flute or trumpet, depending on the requirement for a warm or, alternatively, a powerful sound. The solo stops can be accessed via pistons beneath the manual.

#### **Extremely advanced convolution reverb**

The Studio has an extremely advanced convolution reverb, developed in-house; an ingenious technology that results in the organ using up to as many as 48,000 samples per second. The more samples, the more detailed the sound reproduction.

Our extremely precise reverb recordings in world-renowned churches provide a wealth of information. The Studio showcases all this information down to the very smallest detail. When pressing a key, each individual tone is enriched with the selected reverb. The organ has a total of twelve recorded acoustics from twelve different churches, varying in length.

The very best practice  
organ with *authentic*  
*pipe organ* samples



The Studio has been an icon for years, as a complete, accessible practice organ with a fantastic sound. Its compact console with fully-fledged 2.1 audio system provides every organist with endless practice enjoyment. The style-variable stoplist also consists exclusively of authentic pipe organ stops from Kampen, Amsterdam, Dresden and Raalte, as well as Paris. This enables organists, whatever music they play, to bring every stop to life in the right style; from historical to baroque, and from romantic to symphonic.

## The right practice organ for all musical styles

With two manuals and a style-variable stoplist from 31 authentic pipe organ stops, the Studio 280 offers organists a perfect organ for practising every musical style. For example, the organist can switch from the symphonic to historical sample set at lightning speed with just the touch of a button. The stops used all originate from real pipe organs. For instance, the historical style only uses stops from the organ in the Bovenkerk in Kampen and the organist can play baroque music with samples from the Silbermann organ from Dresden.

## Make amazing music while you practice

pipe organ stops, the Studio 380 offers both novice and advanced organists many hours of enjoyment while practising. The stoplist offers a wide array of simply stunning samples. For example, the entire historical sample set comprises stops from the iconic Hinsz organ from the Bovenkerk in Kampen. And for the French repertoire, the organist can switch easily to the symphonic sample set with a wide range of stops from the well-known organ builders Adema and Cavaillé Coll.

With three manuals and 38 authentic



*With two manuals and a style-variable stoplist with stops from specific authentic pipe organs, the Studio 280 offers organists a perfect practice organ for practising every musical style.*



*With three manuals and 38 authentic stops from five well-known pipe organs, the Studio 380 guarantees both novice and advanced organists many hours of enjoyment while practising.*





# The best practice organ within everyone's reach

*The Studio console design  
is sleek and compact.  
The organ is available  
in four colours !*

#### **Organists can choose what they hear**

The ambience option in the Studio's menu enables the 12 available convolution reverbs to be set from different listening positions. Musicians who prefer being right on the organ bench, close to the real pipe organ, can choose to have the original sound dominate, so they can hear the authentic sound of pipes being blown. Those who prefer to hear how it sounds in the middle, or in the back of the church, simply use the menu to switch the sound.

#### **Advanced technology in every respect**

The Studio is based on OrangeCore+ technology, which allows for a superb sound experience. The convolution reverb is programmed on an advanced Digital Signal Processor (DSP), which obtains the best out of every sound. The new digital mixer also ensures unprecedented sound quality. For organists who prefer using headphones, the Studio offers a compelling stereo experience. The technology therefore contributes in every respect to true-to-life and detailed sound reproduction.

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# The organist is completely surrounded by authentic pipe organ sounds

## Stunning sound reproduction with the 2.1 audio system

To offer organists a stunning sound reproduction, the Studio has a high-quality 2.1 audio system. The powerful sub-woofer produces a convincing bass sound. But the specific character of the Flute 4' of the Bovenkerk in Kampen also really comes to life. In the full breadth of the sound spectrum, every single stop is rendered flawlessly.

## The Studio at home in every living room

The Studio console design is sleek and compact. The organ is available in four colours (Light Riverside, Charcoal Black, Nautilus Teak and Wengé), making it a great match for any interior. As the console also takes up hardly any space, the Studio is at home in every living room.



Johannus Menu:  
Bass/Brilliance

380

## Studio 280

Great	
Bourdon	16'
Principal	8'
Stopped Flute	8'
Quintaton <i>Harmonic Flute (S)</i>	8'
Octave	4'
Open Flute	4'
Twelfth <i>Gamba (S)</i>	2 2/3' 8'
Fifteenth	2'
Cornet <i>Terzian (H)</i>	
Mixture	
Trumpet	8'
Tremulant	
Swell - Great	

Swell	
Principal	8'
Flute <i>Rohr Flute (B-H)</i>	8'
Viola di Gamba	8'
Vox Celeste	8'
Octave	4'
Flute	4'
Flute Twelfth	2 2/3'
Wald Flute <i>Fifteenth (B)</i>	2' 2'
Sesquialtera	
Mixture <i>Carillon (H)</i>	
Fagotto	16'
Trumpet <i>Oboe (S-B)</i>	8' 8'
Tremulant	

Pedal	
Principal <i>Flute (S)</i>	16' 16'
Subbass	16'
Octavebass	8'
Gedackt	8'
Choralbass <i>Flute (S)</i>	4' 4'
Mixture <i>Quintbass (S-H)</i>	
Contra Trumpet	16'
Trumpet <i>Clarion (S)</i>	8' 4'
Great - Pedal	
Swell - Pedal	

## Studio 380

Great	
Bourdon	16'
Principal	8'
Stopped Flute	8'
Quintaton <i>Harmonic Flute (S)</i>	8'
Octave	4'
Open Flute	4'
Twelfth <i>Gamba (S)</i>	2 2/3' 8'
Fifteenth	2'
Cornet <i>Terzian (H)</i>	
Mixture	
Trumpet	8'
Tremulant	
Choir - Great	
Swell - Great	

Swell	
Principal	8'
Flute <i>Rohr Flute (B-H)</i>	8'
Viola di Gamba	8'
Vox Celeste	8'
Flute <i>Octave (B)</i>	4' 4'
Flute Twelfth	2 2/3'
Wald Flute <i>Fifteenth (B)</i>	2' 2'
Mixtuur <i>Carillon (H)</i>	
Fagotto	16'
Trumpet <i>Oboe (S-B)</i>	8' 8'
Tremulant	

Choir	
Principal	8'
Bourdon	8'
Octave <i>Salicional (S)</i>	4' 8'
Flute	4'
Nazard	2 2/3'
Flute <i>Fifteenth (B)</i>	2' 2'
Sesquialtera	
Mixture <i>Larigot (S)</i>	11/3'
Cromorne	8'
Tremulant	
Swell - Choir	

Pedal	
Principal <i>Flute (S)</i>	16' 16'
Subbass	16'
Octavebass	8'
Gedackt	8'
Choralbass <i>Flute (S)</i>	4' 4'
Mixture <i>Quintbass (S-H)</i>	
Contra Trumpet	16'
Trumpet <i>Clarion (S)</i>	8' 4'
Choir - Pedal	
Great - Pedal	
Swell - Pedal	



SESOUI-  
ALTERA

MIXTURE  
CARILLON  
(H)

FAGOTTO  
16'

TRUMPET  
8'  
OBOE  
8' (S-B)

TREMULANT

BOURDON  
16'

PRINCIPAL  
8'

STO  
FLU  
8'

# Technical Specifications

Studio	280	380
<b>Overview:</b>		
System	OranjeCore+™	OranjeCore+™
Manuals	2	3
Voices	31	38
Solo stops	2	2
Couplers	3	6
Tremulants	2	3
Style-variable stoplist	•	•
<b>Console:</b>		
<i>Dimensions</i>		
Height (excluding music desk)	115 cm	122 cm
Height (including music desk)	137 cm	144 cm
Width	130 cm	130 cm
Depth (excluding pedal board)	58 cm	58 cm
Depth (including pedal board)	98 cm	98 cm
<i>Colour</i>		
Light Riverside Nautilus Teak	•	•
Charcoal Black Wenge	optional	optional
<i>Music desk</i>		
Plexiglas desk	•	•
<i>Manuals</i>		
Synthetic keyboards (5 octaves)	•	•
<i>Swell shoes</i>		
Synthetic swell shoes	1	1
<i>Pedal</i>		
30-tone straight pedal board with plain upper keys	•	•
30-tone concave with plain upper keys	optional	optional
<i>Bench</i>		
Bench	•	•
<i>External connections</i>		
MIDI (IN, OUT)	•	•
Aux In	•	•
Aux Out	•	•
Headphones	•	•
<b>Audio:</b>		
Audio system	2.1	2.1
Audio control	DEA2.0™	DEA2.0™
<i>Reverb System</i>		
Convolution reverb, 12 unique reverbs	•	•
<i>Output amplifiers</i>		
Full-range amplifiers (80 Watt)	2	2
Bass amplifier (170 Watt)	1	1
<i>Sound reproduction</i>		
Loudspeakers	5	5
Headphones/ Aux Out	SSE™	SSE™

Studio	280	380
<b>Functions:</b>		
<i>Controllable functions</i>		
O (recall/cancel)	•	•
MB (Manual Bass)	•	•
Menu (Johannus Menu)	•	•
RO (Reeds Off)	•	•
Trans. (Transposer)	•	•
Organ volume	•	•
Reverb volume	•	•
<i>Intonations</i>		
Sample styles	Romantic Symphonic Baroque Historic	Romantic Symphonic Baroque Historic
<i>Setzer memory</i>		
Levels	125	125
Memory locations per level	6	6
Presets (PP-P-MF-F-FF-T + PL), programmable	•	•
<i>Johannus Menu Functions</i>		
Ambiance	•	•
Demo songs	4	4
Keyboard Transfer	-	•
Temperaments	11	11
Tuning (pitch)	•	•
Headphones / Aux	•	•
Bass / Brilliance	•	•
<i>Expression pedals</i>		
General / Swell	•	•
<i>Miscellaneous</i>		
Dynamic bellows simulator	•	•
LiveTune™	•	•
Dynamic chiff	•	•
VPP™ (Virtual Pipe Positioning)	•	•
Headphone Equalizer	•	•
<i>DEA2.0™</i>	Digital Equalized Audio	All audio channels have a updated, advanced equalizer.
<i>SSE2.0™</i>	Spatial Sound Experience	Special, updated and optimized, audio mix for headphone / aux-out. This gives the feeling that the organ is in front of you, while the reverberation also gives you the idea that you are in the room itself.
<i>VPP™</i>	Virtual Pipe Positioning	Through this system it is possible to tell the organ where an organ pipe can be found.

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