Ecclesia

T-377 ■ D-477 ■ D-577

Ecclesia

JOHANNUS

Sound
of excellence

Ecclesia

The *musical solution* for every space

The high-quality Ecclesia organs by Johannus are played around the world in churches, concert halls, conservatories, theaters, auditoria and other venues, large and small. Their phenomenal sound quality and fantastic carrying capacity make them a firm favorite for accompanying congregational singing, choir rehearsals and concerts. The Ecclesia T-377, D-477 and D-577 vary in scope and capabilities, providing the perfect musical solution for every space and application.
The organs can also be fully customized to suit the venue in which they are to be installed. Thanks to the extremely high quality standards that Johannus imposes on all of its Ecclesia organs, you are assured of a very durable solution.

726
7
535
177
352

Sound
of excellence

3

To get the very best out
of the Ecclesia organs, the
instruments are completely
tailored to suit the space in
which they are to be installed.

For example, whether an Ecclesia organ is to be installed
in a medium-sized church or an enormous theater makes a
huge difference. During the installation of the instrument,
a certified voicer adjusts the sound of the organ to
optimize the interaction between the organ and the
acoustics of the space.

Famous organs from around the world *come to life*

The Ecclesia organs come with a balanced stoplist made
up of stops that Johannus has hand-picked and recorded.
The stops are from famous organs from around the world,
and are sampled with the highest quality standards.
DS-core, the extremely modern and advanced operating
system at the heart of the Ecclesia organs, ensures that all
of these different stops yield a sound of unprecedented
quality. This makes playing an Ecclesia organ an incredibly
inspiring and authentic experience.

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The Ecclesia interacts with its surroundings.

Sophisticated possibilities thanks to the six sample styles

Each era in the history of music comes with its own idiomatic sound, which can vary from region to region. Organ music is at its best when played on an instrument in the original style of the period in which it was composed. For this reason, the Ecclesia series always comes with two sample styles of your choice. If desired, this can be expanded to include as many as six different styles: Symphonic (American and French), Romantic (Dutch and English), and Baroque (North German and South German). This means that Ecclesia organs can offer you sophisticated options when it comes to performing organ works from any period.

Ecclesia
D-477

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Real-time sampling ensures *authentic pipe organ sounds*

The sounds produced by the Ecclesia series are virtually identical to those of the original instruments, bringing famous pipe organs from around the world to life. Johannus records these pipe organs key by key using its high-end Real-time Sampling technology. The authenticity of the original pipe organ resounds in every note played on the Ecclesia series. The use of advanced technologies such as the Dynamic Bellows Simulator, LiveTune™ and Dynamic Chiff only serves to reinforce this experience. The result is an organ that blends perfectly into its space and behaves like a true pipe organ.

Fills every corner of the venue
The revolutionary state-of-the-art Ecclesia audio system guarantees a powerful sound. The stops are distributed across the multi-channel system so that they can augment each other in the space. Whether you are playing in a large church, a concert hall or a theater, the true-to-life pipe organ sounds will fill every corner of the venue. The Ecclesia series comes with high-quality amplifiers and loudspeakers, as well as an impressive bass, so that the build-up from foundation stops to overtones forms a rich, balanced and powerful sound.

Lightning-fast startup thanks to DS-core technology
The Ecclesia series comes with DS-core technology, which means the organs always start up smoothly, can be played right away and switch between organ styles just as rapidly. The high-quality samples are stored using advanced NAND flash memory, and can therefore be accessed immediately once the organ has been turned on or the desired organ style has been selected. This results in a smooth, comfortable experience when an organ is used by multiple organists, even if they play in different organ styles.

> Endless *registration* possibilities

> Real Time *Sampling* Technology

> DS-core

> *Revolutionary* Audio System

Sound *of* excellence

The design can be customized to *suit the venue*

Both beginner and advanced organists will be able to find their way around the Ecclesia organ in no time at all. The instrument offers numerous possibilities, yet its interface and design are extremely user-friendly and accessible. The many features are simple and clear to operate, both by means of the many thumb pistons and the menu. The user-friendly design also enables the organist to focus completely on the musical process both before and while playing.

Extra solo and orchestral stops take the organ to the next level
In addition to the sampled pipe organ stops, the Ecclesia series also features an optional Solo Package and Symphony Package. These additional packages consist of high-quality and true-to-life solo and orchestral stops that offer the organist boundless possibilities for enriching their playing. In addition to solo stops such as violin, trumpet, flute and oboe, there are also complete string, brass and woodwind ensembles available. Our brand new Harmony function enables the organist to play polyphonic music with different instruments. All instruments can be assigned to up to six voice parts per manual, resulting in the sound of a full orchestra.

Customizing the Ecclesia organ to suit the venue is about more than just the interplay between sound and acoustics. For example, the design of the instrument can be tailored to suit the surroundings and the wishes of the organist. This includes options such as the color of the organ, the type of manuals or the design of the bench.

The organist focuses purely *on the music*

T-377

The three-manual Ecclesia T-377 comes with 56 stops that can be operated by means of illuminated stop tabs. The instrument's balanced 8.2 audio system magnificently interprets the entire sound spectrum. This organ is ideal for accompanying smaller groups of people in medium-sized spaces.

D-477

With its 65 illuminated drawknobs and three manuals, the Ecclesia D-477 is capable of bringing congregational singing in larger spaces to a higher level. The 12.3 audio system optimizes the channeling of the sound, and the clear and comprehensive stop panels provide the player with endless opportunities for variety and exploration.

D-577

This powerful all-rounder with its 16.3 audio system will exceed even the largest of venues with its mighty sound. From supporting a solo singer to accompanying massed congregational singing, the Ecclesia D-577 can do it all. This impressive organ comes with four manuals and no fewer than 80 stops, all of which can be operated by means of illuminated drawknobs.

Ecclesia
T-377

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Ecclesia
T-377

Swell

Bourdon	16'
Open Diapason	8'
Rohrflute	8'
Viola di Gamba	8'
Vox Celeste	8'
Octave	4'
Flute	4'
Viola	4'
Flute Twelfth	2 2/3'
Octave	2'
Waldflute	2'
Tierce	1 3/5'
Scharf	IV
Contra Trumpet	*16'*
Trumpet	*8'*
Oboe	*8'*
Voix Humaine	*8'*
Clarion	*4'*
Tremulant	

Pedal

Contra Violone	32'
Open Diapason	16'
Subbass	16'
Octave	8'
Gedackt	8'
Choralbass	4'
Rauschpfeife	IV
Bombarde	*32'*
Posaune	*16'*
Trumpet	*8'*
Clarion	*4'*
Great - Pedal	
Swell - Pedal	
Choir - Pedal	

Choir

Principal	8'
Bourdon	8'
Erzaehler	8'
Erzaehler Celeste	8'
Octave	4'
Rohrflute	4'
Nazard	2 2/3'
Doublette	2'
Larigot	1 1/3'
Mixture	IV
Clarinet	*8'*
Cromorne	*8'*
English Tuba	*8'*
Tremulant	
Swell - Choir	

Great

Open Diapason	16'
Principal	8'
Stopped Flute	8'
Flute Celeste II	8'
Gamba	8'
Octave	4'
Open Flute	4'
Twelfth	2 2/3'
Super Octave	2'
Flute	2'
Mixture	IV
Cymbel	III
Contra Tromba	*16'*
Tromba	*8'*
Tremulant	
Swell - Great	
Choir - Great	

MIDI

MIDI Pedal
MIDI Choir
MIDI Great
MIDI Swell

Ecclesia
D-477

Swell

Bourdon	16'
Open Diapason	8'
Rohrflute	8'
Traverse Flute	8'
Flute Dolce	8'
Flute Celeste	8'
Viola di Gamba	8'
Vox Celeste	8'
Octave	4'
Flute	4'
Viola	4'
Flute Twelfth	2 2/3'
Octave	2'
Waldflute	2'
Tierce	1 3/5'
Scharf	IV
Contra Trumpet	*16'*
Trumpet	*8'*
Voix Humaine	*8'*
Oboe	*8'*
Clarion	*4'*
Tremulant	

Pedal

Contra Violone	32'
Open Diapason	16'
Subbass	16'
Lieblich Gedackt	16' (CH)
Violone	16' (SW)
Octavebass	8'
Gedackt	8'
Choralbass	4'
Rauschpfeife	IV
Bombarde	*32'*
Posaune	*16'*
Trumpet	*8'*
Clarion	*4'*
Choir - Pedal	
Great - Pedal	
Swell - Pedal	

Choir

Gemshorn	16'
Principal	8'
Bourdon	8'
Erzaehler	8'
Erzaehler Celeste	8'
Octave	4'
Rohrflute	4'
Nazard	2 2/3'
Doublette	2'
Larigot	1 1/3'
Mixture	IV
Clarinet	*8'*
Cromorne	*8'*
English Tuba	*8'*
Tremulant	
Swell - Choir	

Great

Open Diapason	16'
Principal	8'
Diapason	8'
Flûte Harmonique	8'
Stopped Flute	8'
Gamba	8'
Gemshorn	8'
Gemshorn Celeste	8'
Octave	4'
Open Flute	4'
Twelfth	2 2/3'
Super Octave	2'
Mixture	IV
Cymbel	III
Contra Tromba	*16'*
Tromba	*8'*
Trompete	*8'*
Tremulant	
Choir - Great	
Swell - Great	

MIDI

MIDI Pedal
MIDI Choir
MIDI Great
MIDI Swell

Ecclesia
D-477

Ecclesia
D-577

Swell

Bourdon	16'
Open Diapason	8'
Rohrflute	8'
Traverse Flute	8'
Flute Dolce	8'
Flute Celeste	8'
Viola di Gamba	8'
Vox Celeste	8'
Octave	4'
Flute	4'
Viola	4'
Flute Twelfth	2 2/3'
Octave	2'
Waldflute	2'
Tierce	1 3/5'
Scharf	IV
Contra Trumpet	*16'*
Trumpet	*8'*
Voix Humaine	*8'*
Oboe	*8'*
Clarion	*4'*
Tremulant	
Solo -Swell	

SOLO

Major Flute	8'
Aeoline	8'
Vox Angelica	8'
Fugara	4'
Gemshorn	2'
Bombarde	*16'*
Trompette	*8'*
Clairon	*4'*
State Trumpet	*8'*

MIDI

MIDI Pedal
MIDI Choir
MIDI Great
MIDI Swell
MIDI Solo

Pedal

Contrabass	32'
Subbass	32'
Contra Violone	32'
Open Diapason	16'
Subbass	16'
Lieblich Gedackt	16' (CH)
Violone	16' (SW)
Octavebass	8'
Gedackt	8'
Violon	8'
Choralbass	4'
Rauschpfeife	IV
Bombarde	*32'*
Posaune	*16'*
Basson	*16'*
Trumpet	*8'*
Clarion	*4'*
Choir - Pedal	
Great - Pedal	
Swell - Pedal	
Solo - Pedal	

Choir

Gemshorn	16'
Principal	8'
Bourdon	8'
Erzaehler	8'
Erzaehler Celeste	8'
Octave	4'
Rohrflute	4'
Nazard	2 2/3'
Doublette	2'
Larigot	1 1/3'
Piccolo	1'
Mixture	IV
Bass Clarinet	*16'*
Clarinet	*8'*
Cromorne	*8'*
English Tuba	*8'*
Tremulant	
Swell - Choir	
Solo - Choir	

Great

Open Diapason	16'
Principal	8'
Diapason	8'
Flûte Harmonique	8'
Stopped Flute	8'
Gamba	8'
Gemshorn	8'
Gemshorn Celeste	8'
Octave	4'
Open Flute	4'
Twelfth	2 2/3'
Super Octave	2'
Mixture	IV
Cymbel	III
Contra Tromba	*16'*
Tromba	*8'*
Trompete	*8'*
Tremulant	
Choir - Great	
Swell - Great	
Solo - Great	

Technical Specifications

Ecclesia	T-377	D-477	D-577
Overview:			
System	DS-core	DS-core	DS-core
Manuals	3	3	4
Voices	56	65	80
Ranks	71	80	95
Couplers	6	6	10
Tremulants	3	3	4
Console:			
Dimensions			
Height (excluding music desk)	48.8 in (124 cm)	52.6 in (134 cm)	52.6 in (134 cm)
Height (including music desk)	58.3 in (148 cm)	56 in (143 cm)	58.3 in (148 cm)
Width	57.4 in (146 cm)	64.5 in (164 cm)	71.2 in (181 cm)
Depth (excluding pedal board)	29.3 in (75 cm)	29.3 in (75 cm)	29.3 in (75 cm)
Depth (including pedal board)	46.3 in (118 cm)	47.6 in (121 cm)	47.6 in (121 cm)
Finish			
6 standard finishes on oak	●	●	●
Other kind of wood or color	optional	optional	optional
Music desk			
Wooden desk	●	●	●
Adjustable desk	optional	-	-
Desk lighting	optional	optional	optional
Roll cover			
Wooden roll cover	●	●	●
Manuals			
Synthetic keyboards (5 octaves)	●	●	●
Synthetic keyboards with wooden core	optional	optional	optional
Wooden keyboards (ebony/oak) with wooden core	optional	optional	optional
Swell shoes			
Wooden swell shoes	4	4	5
Toe studs			
Brass toe studs	optional	optional	optional
Pedal board			
32-note AGO pedal board with dark upper keys	●	●	●
32-note AGO pedal board with plain upper keys	optional	optional	optional
Illuminated pedal board	●	●	●
Bench			
Bench	●	●	●
Bench with lift lid	optional	optional	optional
Adjustable bench	optional	optional	optional
External connections			
MIDI (IN, MOD-out, SEQ-out)	●	●	●
Aux In	●	●	●
Aux Out	●	●	●
USB-to-PC	●	●	●
Headphone	●	●	●
Audio:			
Audio system	8.2	12.3	16.3
Audio control	DEA™	DEA™	DEA™
Reverb system			
Convolution reverb, 12 unique reverbs	●	●	●

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Ecclesia	T-377	D-477	D-577

Output amplifiers

	T-377	D-477	D-577
Full-range amplifiers (180 Watt)	8	12	16
Bass amplifier (350 Watt)	2	3	3

Sound reproduction

	T-377	D-477	D-577
External loudspeakers	4 x UL 2800	6 x UL 2800	6x UL2800 + 4x UL2700
External subwoofer	2 x UL 3300	3 x UL 3300	2 x UL 3300 + 1 x UL 5000
Headphone/ Aux Out	SSE™	SSE™	SSE™

Functions:

Controllable functions

	T-377	D-477	D-577
CAN (cancel)	●	●	●
REC (Recall)	●	●	●
CF (Cantus Firmus)	●	●	●
KT (Keyboard Transfer)	●	●	●
MB (Manual Bass)	●	●	●
Menu (Johannus Menu)	●	●	●
Sequence	●	●	●
General Expression (General Swell)	●	●	●
RO (Reeds Off)	●	●	●
Trans. (Transposer)	●	●	●

Sample styles

	T-377	D-477	D-577
Organ Styles	2 sets default, expandable to 6 -American Symphonic -Dutch Romantic -English Romantic -French Symphonic -North German Baroque -South German Baroque	2 sets default, expandable to 6 -American Symphonic -Dutch Romantic -English Romantic -French Symphonic -North German Baroque -South German Baroque	2 sets default, expandable to 6 -American Symphonic -Dutch Romantic -English Romantic -French Symphonic -North German Baroque -South German Baroque
Orchestral packages (Solo/Symphony)	optional	optional	optional

Setzer memory

	T-377	D-477	D-577
Levels	250, with USB Memory 999	250, with USB Memory 999	250, with USB Memory 999
General memory locations per level	8	8	8
Divisional memory locations per level	8	8	8
Presets (programmable)	PP-P-MF-F-FF-T-PL	PP-P-MF-F-FF-T-PL	PP-P-MF-F-FF-T-PL

Johannus Menu functions

	T-377	D-477	D-577
Organ and reverberation volume	●	●	●
Temperaments (incl. 1 custom programmable)	12	12	12
Tuning (pitch)	●	●	●
Chorus	●	●	●

Expression pedals

	T-377	D-477	D-577
PEPC™ (programmable expression pedal configuration)	●	●	●
General Crescendo	●	●	●

Miscellaneous

	T-377	D-477	D-577
Dynamic bellows simulator	●	●	●
LiveTune™	●	●	●
Dynamic chiff	●	●	●
All organ voices C-C#	●	●	●

DEA™	Digital Equalized Audio	All audio channels have a digital equalizer.
SSE™	Spatial Sound Experience	Special 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.
PEPC™	Programmable Expression Pedal Configuration	All swell shoes can be programmed as a swell pedal or Crescendo pedal.

Johannus offers not only top quality, but *reliability and certainty* too

The Ecclesia is at the pinnacle of our more than 50 years of knowledge and experience in building digital organs. Our expertise and high quality standards have made us the global market leader. Every day, our technicians, audio experts, developers, organists and organ enthusiasts commit to strengthening that position and raising the bar even higher, where possible. Our guiding principle is our respect for the pipe organ, and our dream is to make the pipe organ accessible to all.

Customer satisfaction is a vital pillar when it comes to our ambitions. For more than fifty years, we have embodied this by offering top quality, reliability and certainty. That's why, in addition to our standard warranty, we also provide an additional warranty on all of the computer boards in the organ. Naturally, you can expect that we will keep essential organ parts in stock for the years to come, underscoring our lasting relationship with organists around the world.

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CELLO VIOLIN CLAR. OBOE TRUMP. TUBA HARP FLUTE

STR. BRASS WD-WINDS RO

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A MEMBER OF THE
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