

Cantate

246(R)

CONTENT



Listen and play the incomparable Cantate 246(R)

Inspired by various beautiful and historic pipe organs, Content Organs have developed the all new Cantate 246(R). An entirely new concept and technology offers four distinct voicing characters in one single instrument. You will be amazed at the wonderful sound and authentic realism when performing great organ works from around the world. It is now possible to select a timbre more closely related to the instrument on which the music was originally composed.

Innovation

Our own Research and Development team have created the state of the art Invention Technology, allowing the realisation of unparalleled quality sound reproduction. The newly developed convolution type reverberation creates a spacious acoustical environment that is second to none: from the acoustics of a small chapel to an impressive cathedral. As a first, Content Organs allow a virtual positioning of the organist throughout the church - a breakthrough. In addition, top of the line multi channel digital amplifiers, an integrated Surround System and high quality loudspeakers create an overwhelming sound that will inspire for many years to come.

Ready for the future

The Cantate 246(R) features a well balanced and delicate tonal definition, whether it be a soft registration or Full Organ. The authentic individual stops build into stunning choruses. An organ for the future, available today.

Design, technology and features are combined in a superb well-built console to suit every setting. The instrument meets stringent standards in energy consumption, both in production and daily use. Now is the time to discover the Cantate 246(R) - developed and built by organists for organists of every ability.

Important features Cantate 246(R)

- 2 manuals
- Velocity sensitive keyboards
- 4 independant dispositions
- 4 x 46 stops
- 10 x 45 General Presets (x4)
- Convolution type reverb
- Programmable General Crescendo
- Easy to use Personal Control Center (PCC)
- Virtual Player Position (VPP)
- Extravoice (112 programmable orchestral voices)
- Cantus Firmus (CF)
- Over 50 different historical temperaments
- Winddrawer selectable
- Flexible wind supply
- Physiologic expression pedals
- Stilish console featuring extensive use of solid wood
- 4.2.2 LS-audio surround system
- Automatic Pedal (AP)
- Available without and with wooden roll top incl. roll top lock (246R version)



Stoplists Cantate 246(R)

Baroque

Pedal	11
Principal	16'
Subbas	16'
Octav	8'
Octav	4'
Nachthorn	2'
Rauschpfeiffe	II fach
Mixtur	IV fach
Posaun	16'
Trommet	8'
Trommet	4'
Cornet	2'
Koppel Ped-R.P.	
Koppel Ped-Werck	
Koppel Ped-O.P.	

Classic

Pedaal	11
Praestant	16 Vt
Subbas	16 Vt
Octaaf	8 Vt
Gedekt	8 Vt
Roorquint	6 Vt
Octaaf	4 Vt
Mixtuur	4 St.
Fagot	32 Vt
Bazuin	16 Vt
Trompet	8 Vt
Schalmy	4 Vt
Koppel Ped-Pos	
Koppel Ped-Hw	
Koppel Ped-Zw	

Romantic

Pédalier	11
Soubasse	32
Contrebasse	16
Flûte	16
Basse	8
Flûte	8
Violoncelle	8
Flûte	4
Contre Bombarde	32
Bombarde	16
Trompette	8
Clairon	4
Tirasse Positif	
Tirasse Grand Orgue	
Tirasse Récit Expressif	

Symphonic

Pedal	11
Open Wood	16'
Bourdon	16'
Violone	16'
Principal	8'
Flute	8'
Fifteenth	4'
Mixture	IV rks.
Contra Fagotto	32'
Trombone	16'
Trumpet	8'
Clarion	4'
Choir to Pedal	
Great to Pedal	
Swell to Pedal	

Rück Positiv	10
Principal	8'
Quintadena	8'
Octav	4'
Blockflloit	4'
Octav	2'
Waldfloit	2'
Ziffloit	1 1/2 '
Sexquialt	II fach
Scharff	IV fach
Dulcian	8'
Tremulant	
Koppel O.P.-R.P.	

Positief	10
Holpyp	8 Vt
Fluyt Douce	8 Vt
Praestant	4 Vt
Roorfluyt	4 Vt
Quintfluyt	3 Vt
Woudfluyt	2 Vt
Terts	1 3/5 Vt
Sifflet	1 Vt
Mixtuur	3-4 St.
Dulciaan	8 Vt
Tremulant	
Koppel Zw-Pos	

Positif	10
Cor de Nuit	8
Salicional	8
Unda Maris	8
Prestant	4
Flûte Douce	4
Nasard	2 2/3
Doublette	2
Carillon	1-3 rgs.
Trompette	8
Cromorne	8
Tremblant	
Accouplement Pos-Réc	

Choir	10
Stopped Diapason	8'
Wald Flute	8'
Dulciana	8'
Principal	4'
Chimney Flute	4'
Fifteenth	2'
Nineteenth	1 1/3 '
Mixture	II rks.
Tromba	8'
Cremona	8'
Tremulant	
Choir to Swell	

Werck	12
Principal	16'
Quintadena	16'
Octav	8'
Hollflloit	8'
Octav	4'
Rohrflloit	4'
Super Octav	2'
Tertian	II fach
Mixtur	VI fach
Cimbel	III fach
Trommet	16'
Trommet	8'
Tremulant	
Koppel Werck-R.P.	
Koppel Werck-O.P.	

Hoofdwerk	12
Bourdon	16 Vt
Praestant	8 Vt
Roorfluyt	8 Vt
Viola	8 Vt
Octaaf	4 Vt
Speelfluyt	4 Vt
Quint	3 Vt
Octaaf	2 Vt
Cornet	5 St.
Mixtuur	5 St.
Fagot	16 Vt
Trompet	8 Vt
Tremulant	
Koppel Hw-Pos	
Koppel Hw-Zw	

Grand Orgue	12
Bourdon	16
Montre	8
Flûte Harmonique	8
Bourdon	8
Prestant	4
Flûte	4
Doublette	2
Cornet	5 rgs.
Plein Jeu	7 rgs.
Bombarde	16
Trompette	8
Clairon	4
Tremblant	
Accouplement Pos-G.O.	
Accouplement Réc-G.O.	

Great	12
Double Diapason	16'
Open Diapason no.1	8'
Open Diapason no.2	8'
Stopped Diapason	8'
Principal	4'
Suabe Flute	4'
Twelfth	2 2/3 '
Fifteenth	2'
Cornet	III-V rks.
Mixture	V rks.
Double Trumpet	16'
Trumpet	8'
Tremulant	
Choir to Great	
Swell to Great	

Ober Positiv	13
Principal	8'
Rohrflloit	8'
Gedackt	8'
Quinta	6'
Octav	4'
Spitzflloit	4'
Nasat	3'
Flachflloit	2'
Rauschpfeiffe	II fach
Scharff	V fach
Trommet	8'
Vox Humana	8'
Schalmey	4'
Tremulant	

Zwelwerk	13
Salicionaal	8 Vt
Baarpyp	8 Vt
Quintadeen	8 Vt
Gamba	8 Vt
Céleste	8 Vt
Salicet	4 Vt
Fluyt	4 Vt
Nasard	3 Vt
Flageolet	2 Vt
Quintfluyt	1 1/3 Vt
Carillon	3 St.
Schalmy	8 Vt
Vox Humana	8 Vt
Tremulant	

Récit	13
Quintaton	16
Diapason	8
Flûte Traversière	8
Viole de Gambe	8
Voix Céleste	8
Flûte Octaviante	4
Octavin	2
Cornet	2-5 rgs.
Bombarde	16
Trompette	8
Basson-Hautbois	8
Voix Humaine	8
Clairon	4
Trémolo	

Swell	13
Bourdon	16'
Open Diapason	8'
Stopped Diapason	8'
Salicional	8'
Vox Angelica	8'
Principal	4'
Flute	4'
Fifteenth	2'
Mixture	III rks.
Fagotto	16'
Cornocean	8'
Hautboy	8'
Clarion	4'
Tremulant	

Technical specifications Cantate 246(R)

Organ styles	
Baroque (<i>in Schnitger style</i>)	
Pedal (11) / Rück Positiv (10) / Werck (12) / Ober Positif (13)	46
Classic (<i>in Bätz and Witte style</i>)	
Pedaal (11) / Positief (10) / Hoofdwerk (12) / Zwellwerk (13)	46
Romantic (<i>in Cavaillé-Coll style</i>)	
Pédalier (11) / Positif (10) / Grand Orgue (12) / Récit (13)	46
Symphonic (<i>English influences</i>)	
Pedal (11) / Choir (10) / Great (12) / Swell (13)	46
Voice library	184

Accessories	
Tremulants	2
Couplers	3
AP (<i>Automatic Pedal</i>) programmable	•
MB (<i>MonoBass</i>) range adjustable	•
RO (<i>Reeds Off</i>)	•
CF (<i>Cantus Firmus</i>)	•
VPP (<i>Virtual Player Position</i>) Console / Front / Church	•
Organ Select: Baroque / Classic / Romantic / Symphonic	•
Foot pistons	option

Features	
Keyboards, 5 octaves (C-c ⁴) Incl. Velocity for MIDI and Extravoices	2
30 notes (C-f) parallel pedal board	•
30 notes (C-f) parallel concave pedal board	option
30 notes (C-f) radial concave pedal board	option
32 notes (C-g) concave or radial concave pedal board	option
Physiologic expression pedals (<i>division adjustable</i>)	2
General Crescendo pedal (<i>programmable to existing expression pedals</i>)	•
Height 246 (<i>cm / inches</i>)	118 - 47
Height 246R (<i>cm / inches</i>)	121 - 48
Width 246 - 246R (<i>cm / inches</i>)	140 - 55
Depth (<i>including pedal board</i>) 246 - 246R (<i>cm / inches</i>)	88 - 35
Depth (<i>without pedal board</i>) 246 (<i>cm / inches</i>)	58 - 23
Depth (<i>without pedal board</i>) 246R (<i>cm / inches</i>)	61 - 24
Weight 246 (<i>kg / lbs</i>)	161 - 355
Weight 246R (<i>kg / lbs</i>)	176 - 386
Split console	option
Wooden roll top with lock (246R)	•
Bench with music storage	•
Bench height adjustable	option
Other stains	option
Music rack illumination (<i>LED</i>)	option
Pedal board illumination (<i>LED</i>)	•

Capture system	
Memory Bank (<i>45 per organ style</i>)	180
Crescendo Bank (<i>1 per organ style</i>)	4
Set	•
Presets (<i>programmable</i>)	10
HR (<i>Hand Registration</i>)	•
Preset Sequencer ◀ ▶	•
Tutti (<i>programmable</i>)	•
Cancel (O)	•
Divisional capture system	option
Total number programmable presets	1800

• Standard

Solos	
Extravoice Pedal division	112
Extravoice Great division	112
Extravoice Swell division	112
6 Extravoice presets for Swell: Pan Flute / Church Bells / Harpsichord / Strings Ensemble / Orchestra & Flute / Choir	•

PCC (Personal Control Center)	
Easy Main Menu	
Transposer (f#-g-g#-a-a#-b-b- <u>c</u> -c#-d-d#-e-f)	•
Pitch / Fine tuning (409-471 Hertz)	•
Chorus	0-15
Reverberation Volume	0-15
General Volume	1-16
Memory Bank	1-45
Organ settings (<i>adjustable per division</i>)	
Historical temperaments (<i>over 50 programmable versions</i>)	•
Reverberation Convolution type	•
MonoBass (<i>programmable from C bis g'</i>)	•
Volume Balance: Internal Organ / Internal Surround / Internal Reverberation / External Surround / External Reverberation	•
Volume Controls (<i>adjustable per division</i>)	•
Tremulant (<i>depth and speed per division</i>)	•
Bellows Stability (<i>program and depth adjustable</i>)	•
Expression Select (<i>adjudge to a particular division or as crescendo pedal</i>)	•
Manual Select (<i>adjudge to a particular division</i>)	•
Stop settings	
Volume (<i>general and per individual key</i>)	•
Wind (<i>general and per individual key</i>)	•
Chorus (<i>general and per individual key</i>)	•
Contour (<i>general and per individual key</i>)	•
Fluctuation (<i>general and per individual key</i>)	•
Wind chest (C/C#, Tierce and Chromatic settings)	•
Save & Reset menu	•
DemoSong menu (<i>select per organ style</i>)	•
Extravoice menu	•

Audio	
System	4.2.2
Speakers	14
Digital Amplifiers (<i>dynamic power 180 Watts</i>)	10
Channels: Organ / Sub low / Integrated Surround	4 / 2 / 2
External Surround (<i>System 4.2.4</i>)	option

In and Outputs	
MIDI In - Out - Thru	•
Line-IN	Stereo
Line-OUT	Stereo
Headphone connector (16-32Ω)	•

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