

CANTATE

346



CONTENT 

Listen and play the incomparable Cantate 346

Inspired by various beautiful and historic pipe organs, Content Organs has developed the all new Cantate 346. 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.

Innovatief

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 3D Surround System and high quality loudspeakers create an overwhelming sound that will inspire for many years to come.

Ready for the future

The Cantate 346 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 346 developed and built by organists for organists of every ability.

Virtual Player Position



Invention Technology

Stylish console featuring extensive use of solid wood

Important features

- 3 Manuals
- Velocity sensitive keyboards
- 4 Independent 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)
- 54 Historical temperaments
- WinddChest
- Flexible wind supply
- Physiologic expression pedals
- Stylish console featuring extensive use of solid wood
- 4.2.4 LS-audio surround system
- Automatic Pedal (AP)
- Available without and with wooden roll top incl. roll top lock (346R version)



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.	

Rück Positiv	10
Principal	8'
Quintadena	8'
Octav	4'
Blockflöit	4'
Octav	2'
Waldflöit	2'
Zifflöit	1 ½'
Sexquialt	II fach
Scharff	IV fach
Dulcian	8'
Tremulant	
Koppel O.P.-R.P.	

Werck	12
Principal	16'
Quintadena	16'
Octav	8'
Hollflöit	8'
Octav	4'
Rohrflöit	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.	

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

Classic

Pedaal	11
Praestant	16 Vt
Subbas	16 Vt
Octaafbas	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	

Positif	10
Holpyp	8 Vt
Fluyt Douce	8 Vt
Praestant	4 Vt
Roorfluyt	4 Vt
Quintfluyt	3 Vt
Woudfluyt	2 Vt
Terts	1 ½ Vt
Sifflet	1 Vt
Mixtuur	3-4 St.
Dulciaan	8 Vt
Tremulant	
Koppel Zw-Post	

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	

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 ½ Vt
Carillon	3 St.
Schalmy	8 Vt
Vox Humana	8 Vt
Tremulant	

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	

Positif	10
Cor de Nuit	8
Salicional	8
Unda Maris	8
Prestant	4
Flûte Douce	4
Nasard	2 ¾
Doublette	2
Carillon	1-3 rgs.
Trompette	8
Cromorne	8
Tremblant	
Accouplement Pos-Réc	

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.	

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

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	

Choir	10
Stopped Diapason	8'
Wald Flute	8'
Dulciana	8'
Principal	4'
Chimney Flute	4'
Fifteenth	2'
Nineteenth	1 ½'
Mixture	II rks.
Tromba	8'
Cremona	8'
Tremulant	
Choir to Swell	

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 ¾'
Fifteenth	2'
Cornet	III-V rks.
Mixture	V rks.
Double Trumpet	16'
Trumpet	8'
Tremulant	
Choir to Great	
Swell to Great	

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'
Cornoepen	8'
Hautboy	8'
Clarion	4'
Tremulant	

Organ styles	
Baroque (Schnitger Style)	46
Pedal	11
Rück Positiv	10
Werck	12
Ober Positiv	13
Classic (Bätz-Witte Style)	46
Pedaal	11
Positief	10
Hoofdwerk	12
Zwelwerk	13
Romantic (Cavaillé-Coll Style)	46
Pédalier	11
Positif	10
Grand Orgue	12
Récit	13
Symphonic (English influences)	46
Pedal	11
Choir	10
Great	12
Swell	13
Voice library	304

Accessories	
Tremulants	3
Couplers	6
AP (Automatic Pedal) programmable	•
MB (Mono Bass) range adjustable	•
RO (Reeds Off)	•
CF (Cantus Firmus)	•
VPP (Virtual Player Position): 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	3
30 notes (C-f ²) parallel pedal board	•
30 notes (C-f ²) parallel concave pedal board	option
30 notes (C-f ²) radial concave pedal board	option
32 notes (C-g ²) concave pedal board	option
32 notes (C-g ²) radial concave pedal board	option
Physiologic expression pedals (Division adjustable)	3
General Crescendo pedal (Programmable to existing expression pedals)	•
Height 346 - 346R (Inches)	49,6 - 50
Width 346 - 346R (Inches)	55,1
Depth 346 - 346R (Including pedal board in inches)	39
Depth 346 - 346R (Without pedal board in inches)	27,8 - 28,4
Weight 346 - 346R (Lbs)	397 - 441
Split Console	option
Wooden roll top with lock	•
Bench with music storage	•
Bench height adjustable	option
Other stains	option
Music rack illumination (LED)	option
Pedal board illumination (LED)	•



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

Extravoice (adjustable per division)	
Extravoice Pedal division (112 Adjustable per division)	•
Extravoice Positif division (112 Adjustable per division)	•
Extravoice Great division (112 Adjustable per division)	•
Extravoice Swell division (112 Adjustable per division)	•
6 Extravoice presets for Swell:	•
Pan Flute / Church Bells / Harpischord / Strings Ensemble / Orchestra & Flute / Choir	

PCC (Personal Control Center)	
Easy Main Menu	
Transposer (g-g#-a-a#-b-C-c#-d-d#-e-f)	•
Pitch (Fine tuning: 409-472 Hertz)	•
Chorus	0-15
Reverberation Volume	0-15
General Volume	1-16
Memory Bank	1-45

Organ settings (Adjustable per division)	
Temperaments	54
Reverberation (Convolution)	•
Volume Balance	•
- Main Organ	1-32
- Main Reverberation	1-32
- Surround Front Organ	1-32
- Surround Front Reverberation	1-32
- Surround Back Organ	1-32
- Surround Back Reverberation	1-32
Volume Controls (Adjustable per division)	•
Tremulant (Depth and speed per division)	•
Expression Select (Adjust to a particular division or as crescendo pedal)	•
Division & Manual (Adjust to a particular division)	•

Extra organ settings (Adjustable per division)	
Mono Bass (Programmable from C bis g1)	1-32
Manual Compass	•
Hauptwerk Console	•
Bellows Stability (Size and depth adjustable)	•
Line-input Control	•
Crescendo Program	•
Reset Setser System	•
ODF-version (Organ data File-version)	•

Stop settings	
Volume (General and per individual key)	•
Wind (General and per individual key)	•

Extra stop settings	
Chorus (General and per individual key)	•
Contour (General and per group of keys)	•
Fluctuation (General and per group of keys)	•
WindChest	•
Save & Reset menu	•
Playlist menu (Demo's select per organ style)	•
Extravoice menu	•

Audio	
System (Multi Channel)	4.2.4
Speakers	20
Digital Amplifiers (Dynamic power 180 Watts)	10
Channels: Organ / Sub low / integrated 3D Surround	4/2/4
Extern 3D Surround	option

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

• Standard

