

CHRISTIANSEN III-109 HOME VIRTUAL PIPE ORGAN BY R. M. BALLANTYNE ORGANS, OPUS 33

GREAT [Unexpressive, Manual II]

16' Contra Bass (CUR)
8' First Open Diapason (CUR)
8' Second Open Diapason (EMS)
8' Bourdon (CCI)
8' Harmonic Flute (SJO)
8' Gamba (SJO)
4' Octave (CUR)
4' Koppelflöte (SJO)
2 2/3' Twelfth (CUR)
2' Fifteenth (CUR)
Furniture IV (CUR)
Acuta III (CUR)
16' Tromba (CH.) (CUR)
8' Tromba (CH.) (CUR)
8' French Horn (CH.) (CUR)
French Horn Tremulant
Chimes (EMS)
Great to Great 4'

SWELL [Expressive, Manual III]

16' Lieblich Gedeckt (EMS)
8' Geigen Diapason (EMS)
8' Rohrflöte (EMS)
8' Flute Diane Celeste II (EMS)
8' Salicional (EMS)
8' Voix Celeste (EMS)
8' Orchestral Strings II (CUR)
8' Aeoline de Diane (EMS)
4' Geigen Principal (CUR)
4' Triangle Flute (EMS)
2 2/3' Nazard (CUR)
2' Octavin (CCI)
1 3/5' Tierce (CUR)
Cornet III (CCI)
Plein Jeu IV (CUR)
32' Contra Fagotto (CCI)
16' Contre Trompette (CUR)
8' Trompette (CUR)
8' Cornopean (EMS)
8' Oboe d' Amore (EMS)
8' Vox Humana (EMS)
4' Clairon (CUR)
Tremulant
Swell to Swell 16'
Swell Unison Off
Swell to Swell 4'

CHOIR [Expressive, Manual I]

16' Gamba (CUR)
8' Violin Diapason (CUR)
8' Cor de Marylee (CUR)
8' Viole de Gamba (CCI)
8' Viole Celeste (CCI)
8' Dulcet II (SJO)
8' Dulciana (EMS)
8' Unda Maris (EMS)
4' Octave (CUR)
4' Harmonic Flute (CUR)
2' Harmonic Piccolo (CUR)
Mixture IV (EMS)
8' Trumpet (EMS)
8' Clarinet (EMS)
Tremulant
8' Harp (EMS)
4' Celesta (EMS)
Choir to Choir 16'
Choir Unison Off
Choir to Choir 4'

POSITIV [Unexpressive, Floating]

8' Cor de Nuit (CCI)
8' Quintade (LCM)
4' Spitz Principal (CCI)
4' Nachthorn (CCI)
2 2/3' Nazard (CCI)
2' Principal (EMS)
2' Blockflöte (CCI)
1 3/5' Tierce (CCI)
1 1/3' Larigot (CUR)
1 1/7' Septième (CUR)
8/9' None (CUR)
Scharf III-V (CCI)
8' Cromorne (CCI)
Tremulant
Cymbelstern (EMS)

Swell 8' Chamade (CCI)
Choir 8' Chamade (CCI) (Non coupling)
Pedal 64' Contre Bombarde

SOLO [Expressive, Floating]

8' Clarabella (*EMS*)
8' Cello (*CUR*)
8' Cello Celeste (*CUR*)
4' Traverse Flute (*CCI*)
16' Bombarde (*CCI*)
8' Tuba Mirabilis (*CUR*)
8' Bombarde (*CCI*)
8' Orchestral Oboe (*CUR*)
8' Corno di Bassetto (*CUR*)
8' English Horn (*CUR*)
4' Clarion (*CUR*)
Tremulant
Carillon (*IO*)
Orchestral Harp (*Harpist*)
Solo to Solo 16'
Solo Unison Off
Solo to Solo 4'

COUPLERS

Great to Pedal 8'
Swell to Pedal 8'
Choir to Pedal 8'
Solo to Pedal 8'
Positiv to Pedal 8'
Positiv to Pedal 8'
Swell to Pedal 4'
Choir to Pedal 4'
Solo to Pedal 4'
Positiv to Pedal 4'
Swell to Great 16'
Swell to Great 8'
Swell to Great 4'
Choir to Great 16'
Choir to Great 8'
Choir to Great 4'
Choir to Swell 8'
Swell to Choir 16'
Swell to Choir 8'
Swell to Choir 4'
Solo on Great
Positiv on Great
Solo on Swell
Positiv on Swell
Solo on Choir
Positiv on Choir
Great Tutti to Solo
Pedal Tutti to Swell

PEDAL [Unexpressive]

32' Contre Bourdon (*CUR*)
32' Contra Violone (*CUR*)
16' Open Diapason (*CUR*)
16' Contra Bass (GT.)
16' Bourdon (*CCI*)
16' Lieblich Gedeckt (SW.)
16' Gamba (CH.)
8' Octave (*CCI*)
8' Flûte Ouverte (*CCI*)
8' Bass Flute (*CCI*)
8' Lieblich Gedeckt (SW.)
8' Gamba (CH.)
4' Choral Bass (*CCI*)
4' Octave Flute (*CUR*)
32' Contre Bombarde (*CUR*)
32' Contra Fagotto (SW.)
16' Trombone (*CUR*)
16' Contre Trompette (SW.)
8' Trumpet (*CCI*)
8' Contre Trompette (SW.)
4' Clarion (*CCI*)
Chimes
Pedal Carillon

COMBINATIONS [250 Memories]

General	1-14
1-14 duplicated by toe studs	
Great	1-5
Swell	1-5
Choir	1-5
Positiv	1-4
Solo	1-4
Pedal	1-5

1-4 duplicated by thumb pistons
Notes: Divisional pistons affect all couplers to divisions.
Sequencer *Next* pistons under Swell and Great (2) manuals and toe stud (right side).
Previous piston under Great manual.

Stops Digitally Sampled by Charles F. Raasch from:

CUR = 1928, 2003 IV-73 Casavant, University of Redlands
EMS = 1929, 2009 III-42 E. M. Skinner, St. Mark's, Glendale
CCI = 1988 III-59 Casavant, Concordia University Irvine
SJO = 2017 V-150 Ballantyne, St. John's Lutheran, Orange
IO = Immanuel Orange
LCM = 2007, III-18 Ballantyne, Lutheran Church of the Master, Newport Beach

REVERSIBLES

Great to Pedal (thumb and toe)
Swell to Pedal (thumb and toe)
Choir to Pedal (thumb and toe)
Swell to Great (thumb)
Solo On – Swell Off Swell (thumb)
Solo on Choir (thumb)
Positiv on Choir (thumb)
32' Bombarde (toe)
32' Bourdon (toe)
32' Contra Violone (toe)
64' Bombarde (toe)
Cymbelstern (thumb & coupler rail)
Pedal Carillon (thumb)
Solo Carillon (thumb)
Solo Orchestral Harp (thumb)
Manual I/II Transfer (thumb)
Orchestral Crescendo (thumb)
Pedal Divide (thumb)
Tutti (thumb and toe)

EXPRESSION

Solo Off Choir Expression (drawknob)
Solo Expression to Crescendo (drawknob)
Choir Expression to Swell (drawknob)

MECHANICALS

Swell Expression Shoe
Choir-Solo Expression Shoe
Crescendo Shoe
Each shoe has 20-stage *LED* indicator.

ACCESSORIES

Record/Playback
Transposer
Headphones

AUDIO

Hauptwerk System
Computer:
i7-4570 3.4GHz
Windows 10 64 bit OS
64 gb memory, 500 gb SSD
12 audio channels:
12 Walker Technical 1103SD speakers
1 Klipsch R-115SW sub-woofer

Powered by Elan D1200 Digital
Power Amplifier, 100 Watts @ 4
Ohms per channel
Cymatic Audio 16-track
USB Interface

KEYBOARDS

Austin double-thick polished ivory
rebuilt with magnetic tracker touch

