

AHLBORN-GALANTI

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Built To Order

Ahlborn-Galanti's Custom Division provides organs tailored to meet the specific needs and requirements of its customers. In addition to custom specifications, many different console appointments may be chosen, including the selection of woods and finishes, panel styles, keyboards, etc.

**458
INDEPENDENTLY
VOICEABLE
STOPS**

PEDAL



AHLBORN-GALANTI

PEDAL

- SUB PRINCIPAL 32
- PRINCIPAL 32
- CONTRA VIOLONE 32
- UNDERSATZ 32
- SOUBASSE 32
- CONTREBASSE 16
- OPEN WOOD 16
- PRINCIPAL 16
- PRINCIPAL 16
- PRINCIPAL 16
- SUB BASS 16
- SUB BASS 16
- BOURDON 16
- LIEBLICH GEDECKT 16
- BOURDON DOUX 16
- QUINTATON 16
- QUINT BASS 10 2/3
- VIOLONE 16
- CONTRA GAMBA 16
- GEMSHORN 16
- OCTAVE 8
- PRINCIPAL 8
- CELLO D' AMORE 8
- CELLO CÉLESTE II 8
- BASSE 8
- GAMBE 8
- VIOLON CELLO 8
- CELLO CÉLESTE 8
- BASS FLUTE 8
- BOURDON 8
- BASS FLUTE 8
- SUPER OCTAVE 4
- CHORAL BASS 4
- NACHTHORN 4
- HARMONIC FLUTE 4
- ORCHESTRAL FLUTE 4
- MIXTURE IV
- MIXTURE V
- MIXTURE VI
- HINTERSATZ VI
- CONTRA BOMBARDE 32
- CONTRA BASSON 32
- BOMBARDE 32
- BOMBARDE 16
- BOMBARDE 16
- OPHICLEIDE 16
- POSAUNE 16
- TROMBONE 16
- BASSON 16
- CONTRE TROMPETTE 16
- FAGOTTO 16
- DULZIAN 16
- TROMPETTE 8
- TRUMPET 8
- TROMBA 8
- HOLZTROMPETE 8
- HOLZDULZIAN 8
- CLAIRON 4
- SCHALMEI 4
- BOMBARDE CLARION 4
- REGAL 4
- ADDITIONAL STOP PEDAL
- CONTRA VIOLONE 32
- ROHRQUINT 5 1/3
- NACHTHORN 2
- CONTRA BASSON 32
- ENGLISH HORN 8
- FRENCH HORN 8
- CLARINET 8
- FESTIVAL TRUMPET 8
- TIMPANI
- CHIMES
- PEDAL DIVIDE
- MIDI ON PEDAL
- TREMULANT
- GREAT TO PEDAL
- SWELL TO PEDAL
- CHOIR/POS TO PEDAL
- SOLO/BOMB TO PEDAL

SWELL

- BOURDON DOUX 16
- QUINTATON 16
- GEMSHORN 16
- GEIGEN PRINCIPAL 8
- PRINCIPAL 8
- MONTRE 8
- ITALIAN PRINCIPAL 8
- DIAPASON 8
- FLÛTE À CHEMINÉE 8
- ROHRGEDECKT 8
- BOURDON 8
- STOPPED FLUTE 8
- ZAUBERFLÖTE 8
- ROHRFLÖTE 8
- CHIMNEY FLUTE 8
- FLAUTO DOLCE 8
- TRAVERSE FLUTE 8
- FLÛTE HARMONIQUE 8
- DOPPELFLÖTE 8
- FLÛTE CÉLESTE II 8
- UNDA MARIS II 8
- VIOLE DE GAMBE 8
- VIOLA DA GAMBA 8
- VIOLIN DIAPASON 8
- DULCIANA 8
- CELLO 8
- VIOLETTA 8
- GAMBA 8
- VIOLE CÉLESTE 8
- VIOLA CÉLESTE 8
- VIOLIN CÉLESTE 8
- UNDA MARIS 8
- CELLO CÉLESTE 8
- PRESTANT 4
- OCTAVE 4
- OCTAVE 4
- SPITZ OCTAVE 4
- FUGARA 4
- FLÛTE CONIQUE 4
- KOPPELFLÖTE 4
- ORCHESTRAL FLUTE 4
- FLAUTO CAMINO 4
- SPITZFLÖTE 4
- NAZARD 2 2/3
- QUINTE 2 2/3
- SEPTIÈME 1 1/7
- SESQUIALTERA II
- CORNET III
- OCTAVIN 2
- OKTAV 2
- OCTAVE 2
- DOUBLETTE 2
- PICCOLO 2
- FLÛTE À BEC 2
- PLEIN JEU IV-V
- PLEIN JEU IV
- CYMBALE IV
- MIXTURE IV
- ACUTA III
- CYMBALE III
- SCHARF III
- BASSON 16
- HAUTBOIS 16
- CORNOPEAN 16
- BOMBARDE 16
- DOUBLE TRUMPET 16
- CORNO DI BASSETTO 16
- MUSETTE 16
- TROMPETTE 8
- TROMPETTE HARMONIQUE 8
- TRUMPET 8
- TROMBA 8
- TROMPETE 8
- BOMBARDE 8
- CORNOPEAN 8
- HAUTBOIS 8
- ORCHESTRAL OBOE 8
- ENGLISH HORN 8
- VOIX HUMAINE 8
- VOX HUMANA 8
- CROMORNE 8
- CHALUMEAU 4
- CLAIRON 4
- CLARION 4
- ROHRSCHALMEI 4
- ADDITIONAL STOP SWELL
- TIERCE 1 3/5
- LARIGOT 1 1/3
- SIFFLÖTE 1
- SEPTIÈME 1 1/7
- FESTIVAL TRUMPET 8
- TROMPETTE EN CHAMADE 8
- TUBA 8
- ZIMBELSTERN
- ORCHESTRAL STRINGS
- MIDI ON SWELL
- TREMULANT
- CHOIR/POS TO SWELL
- SOLO/BOMB TO SWELL
- SWELL TO SWELL 16
- SWELL TO SWELL 4
- SWELL OFF SWELL

BOMBARDE

- MONTRE 8
- ENGLISH DIAPASON 8
- MONTRE 8
- OPEN DIAPASON 8
- PRINCIPAL 8
- OCTAVE 4
- OCTAVE 4
- OCTAVE 4
- CYMBALE V
- CORNET V
- HARMONICS V
- CORNET III
- SESQUIALTERA III
- SEPTIÈME 2 2/7
- CONTRE TROMPETTE 16
- BOMBARDE 16
- CORNOPEAN 16
- BOMBARDE HÉROÏQUE 8
- BOMBARDE 8
- TROMBA 8
- HARMONIC TROMPETTE 8
- FESTIVAL TRUMPET 8
- CLARION HARMONIQUE 4
- CLAIRON 4

ORGAN ON/OFF

SOLO

MAJOR FLUTE 8
 DOPPELFLÖTE 8
 FLAUTO TRAVERSO 8
 HARMONIC FLUTE 8
 TUBA 8

VIOLONCELLO 8
 GROSSE GAMBE 8
 PRINCIPAL 8
 PRINCIPALE 8

CELLO CÉLESTE 8
 GAMBA CÉLESTE 8
 VOCE UMANA 8

FRENCH HORN 8
 CORNO DI BASSETTO 8

ENGLISH HORN 8
 ORCHESTRAL OBOE 8
 HAUTBOIS 8

CLARINET 8
 CLARINETTO 8
 CROMORNE 8
 KRUMMHORN 8

TUBA 8
 TUBA SONORA 8
 TUBA MIRABILIS 8

ADDITIONAL STOP SOLO/BOMB
 FLUTE CÉLESTE II 8
 UNDA MARIS II 8
 ORCHESTRAL FLUTE 4
 CONCERT FLUTE 4
 PRINCIPAL 2
 SEPTIÈME 1 1/7
 VIOLE MIXTURE V
 PICCOLO TRUMPET
 BRASS CHOIR
 ORCHESTRAL STRINGS
 CHIMES
 HARPSICHORD
 HARP/CELESTA

MIDI ON SOLO/BOMB
 TREMULANT
 CHOIR/POS TO SOLO/BOMB
 SOLO/BOMB TO SOLO/BOMB 16
 SOLO/BOMB TO SOLO/BOMB 4
 SOLO/BOMB OFF SOLO/BOMB

GREAT

MONTRE 16
 DOUBLE OPEN DIAPASON 16
 BOURDON 16
 QUINTATON 16
 SALIZIONAL 16

PRINCIPAL 8
 ITALIAN PRINCIPAL 8
 PRINCIPAL 8
 PRINCIPAL 8
 PRESTANT 8
 MONTRE 8
 GEIGEN PRINCIPAL 8
 OPEN DIAPASON 8
 ENGLISH DIAPASON 8
 HOLZPRINZIPAL 8

DIAPASON 8
 OPEN DIAPASON 8
 PRINCIPAL 8
 ITALIAN PRINCIPAL 8
 PRINZIPAL 8
 MONTRE 8
 HOLZPRINZIPAL 8

BOURDON 8
 GEDACKT 8
 CHIMNEY FLUTE 8
 FLAUTO TRAVERSO 8
 STOPPED FLUTE 8
 ZAUBERFLÖTE 8
 GEDECKT 8
 ROHRFLÖTE 8
 HOHLFLÖTE 8

FLÜTE HARMONIQUE 8
 DOPPELFLÖTE 8
 FLAUTO TRAVERSO 8
 TUBA 8

VIOLONCELLE 8
 GAMBA 8
 GEMSHORN 8
 SALICIONAL 8
 CELLO 8
 DULCIANA 8
 CELLO CÉLESTE II 8

QUINT 5 1/3
 QUINTE 2 2/3
 QUINT 2 2/3

OCTAVE 4
 PRESTANT 4
 PRESTANT 4
 OCTAVE 4
 OCTAVE 4
 OCTAVE 4

FLÜTE OCTAVIANTE 4
 HARMONIC FLUTE 4
 KOPPELFLÖTE 4
 FLÜTE CONIQUE 4
 SPITZFLÖTE 4

GROSSE TIERCE 3 1/5
 GROSSRAUSCHQUINTE II
 TERTIAN II
 TERZ-SEPTA II
 SESQUIALTERA II
 CORNET V

QUINT 2 2/3
 NAZARD 2 2/3
 QUINTE 2 2/3
 SESQUIALTERA II
 SESQUIALTERA III
 SEPTIÈME 2 2/7

SUPER OCTAVE 2
 OKTAV 2
 OCTAVE 2
 DOUBLETTE 2
 FIFTEENTH 2
 NACHTHORN 2
 FLÜTE À BEC 2
 BLOCKFLÖTE 2
 PICCOLO 2

FOURNITURE V
 FOURNITURE V
 CYMBALE V
 MIXTURE IV
 MIXTURE IV-VI
 MIXTURE IV-VI
 MIXTURE IV-VI
 GRAND FOURNITURE VII

CYMBALE IV
 CYMBALE IV
 PLEIN JEU IV
 CYMBALE III
 CYMBALE III
 SCHARF II-III

BOMBARDE 16
 CORNOPEAN 16
 DOUBLE TRUMPET 16

TROMPETTE HARMONIQUE 8
 TROMPETTE 8
 TRUMPET 8
 TROMBA 8
 TROMPETE 8
 BOMBARDE 8
 CORNOPEAN 8

CLAIRON 4
 CLAIRON 4
 CLAIRION 4

ADDITIONAL STOP GREAT
 QUINTADE 32
 WOOD FLUTE 2
 SEPTIÈME 1 1/7
 TIERCE 1 3/5
 QUINT 1 1/3
 TUBA 8
 HARMONICS V
 CHIMES
 ZIMBELSTERN
 HARPSICHORD
 HARP/CELESTA
 PIANO
 GOSPEL ORGAN
 RHODES PIANO

MIDI ON GREAT
 TREMULANT
 SWELL TO GREAT
 CHOIR/POS TO GREAT
 SOLO/BOMB TO GREAT

CHOIR/POSITIV

QUINTATON 16
 BOURDON DOUX 16
 GEMSHORN 16
 SALIZIONAL 16

PRINZIPAL 8
 PRINCIPAL 8
 PRINCIPAL 8
 PRESTANT 8
 ITALIAN PRINCIPAL 8
 MONTRE 8
 OPEN DIAPASON 8
 ENGLISH DIAPASON 8
 HOLZPRINZIPAL 8

GEDACKT 8
 GEDECKT 8
 BOURDON 8
 ROHRGEDECKT 8
 FLAUTO TRAVERSO 8
 FLÜTE HARMONIQUE 8
 DOPPELFLÖTE 8
 HARMONIC FLUTE 8
 STOPPED FLUTE 8
 ZAUBERFLÖTE 8
 ROHRFLÖTE 8
 CHIMNEY FLUTE 8

GEMSHORN 8
 CELLO 8
 DULCIANA 8
 VIOLIN DIAPASON 8
 SALIZIONAL 8
 QUINTADENA 8

GEMSHORN CÉLESTE 8
 CELLO CÉLESTE 8
 UNDA MARIS 8
 VIOLIN CÉLESTE 8

SPITZ OCTAVE 4
 OCTAVE 4
 OCTAVE 4
 OCTAVE 4

KOPPELFLÖTE 4
 HARMONIC FLUTE 4
 FLACHFLÖTE 4
 FLÜTE CONIQUE 4
 SPITZFLÖTE 4

NAZARD 2 2/3
 NAZARD 2 2/3
 QUINTE 2 2/3

OCTAV 2
 OCTAVIN 2
 OKTAV 2

BLOCKFLÖTE 2
 FLÜTE À BEC 2
 NACHTHORN 2
 SPILLFLÖTE 2

TIERCE 1 3/5
 SESQUIALTERA II
 SESQUIALTERA III
 CORNET V

LARIGOT 1 1/3
 SEPTIÈME 1 1/7
 QUINT 1 1/3
 SIFFLÖTE 1

MIXTURE IV
 PLEIN JEU IV
 CYMBALE IV
 CYMBALE III
 DOLCE CORNET III

SCHARF III
 ZIMBEL III
 CYMBALE III
 CORNET III

CORNO DI BASSETTO 16
 CORNOPEAN 16
 DOUBLE TRUMPET 16
 BASSON 16
 MUSETTE 16
 DULZIAN 16

TROMPETE 8
 TRUMPET 8
 TROMPETTE HARMONIQUE 8
 TROMBA 8
 TROMPETE 8
 CORNOPEAN 8

KRUMMHORN 8
 KRUMMHORN 8
 REGAL 8
 DULZIAN 8
 CLARINET 8
 CLARINETTO 8
 CROMORNE 8
 CROMORNE 8

FESTIVAL TRUMPET 8
 TROMPETTE EN CHAMADE 8
 TUBA 8
 TUBA MIRABILIS 8

ROHRSCHALMEI 4
 CHALUMEAU 4
 CLARION 4

ADDITIONAL STOP CHOIR/POS
 QUINTADENA 8
 FLÜTE CÉLESTE II 8
 FLAUTO TRAVERSO 8
 SIFFLÖTE 1
 JEU DE CLOCHETTE II
 HARMONICS V
 ENGLISH HORN 8
 FRENCH HORN 8
 HAUTBOIS 8
 VOX HUMANA 8
 PICCOLO TRUMPET
 CHIMES
 ZIMBELSTERN
 HARPSICHORD
 HARP/CELESTA
 BRASS CHOIR
 ORCHESTRAL STRINGS

MIDI ON CHOIR/POS
 TREMULANT
 SWELL TO CHOIR/POS
 SOLO/BOMB TO CHOIR/POS
 CHOIR/POS TO CHOIR/POS 16
 CHOIR/POS TO CHOIR/POS 4
 CHOIR/POS OFF CHOIR/POS



4400

EXCLUSIVELY FROM AHLBORN-GALANTI

Unparalleled Digital Pipe Organ Sound
 DRAKE™ Technology
 5 Interactive Stop Lists™
 5 Interactive Channellings™
 Interactive Programmer™ (wireless remote)
 Additional Stops (selectable on each division)
 Programmable Digital Acoustics™
 Windchest Layouts™
 3-D Chamber Layouts™
 Auto Pipe Tracking™

SPECIFICATION

90 Speaking Stops
 458 Independently Voiceable Stops
 132 Stop Units

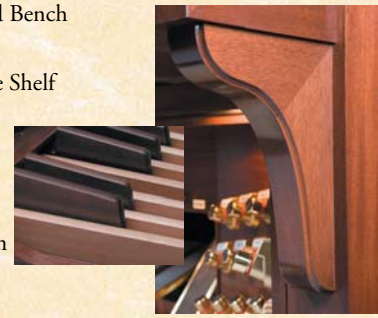
VOICING AND FINISHING

Note-by-Note Parameters
 Level
 Scaling
 Release
 Harmonics
 Pitch
 Ensemble
 Wind Pressure
 Stop-by-Stop Windchest Layouts™
 Adjustable Tremulants



ELEGANT AND METICULOUSLY CRAFTED CONSOLES

Detailed Molding for Console and Bench
 Wooden Roll-Top with Key Lock
 Lighted Music Rack
 Beveled Bench with Music Storage Shelf
 Lighted Pedalboard
 Wooden Pedal Keys
 Tracker Touch Keyboards
 Full Pipe Organ Compatibility



EXPRESSION

Stop-by-Stop Selectable Expression
 Swell Expression Pedal
 Choir/Positiv Expression Pedal
 Solo/Bombarde Expression Pedal
 Expression Pedal Range Adjustable for Each Division
 Selectable Expression Mode (mechanical or 8 stage)
 Great and Pedal Volume Sliders
 Programmable Great Enclosed
 Programmable Pedal Enclosed
 All Swells to Swell



FULL MIDI IMPLEMENTATION

Velocity-Sensitive Keyboards
 MIDI Commands Programmable on General and Divisional Pistons
 Programmable MIDI Channels, IN and OUT, for MIDI 1
 Programmable MIDI Channels, IN and OUT, for MIDI 2
 Programmable PIPE MIDI Channels
 MIDI 1 IN, OUT and THRU
 MIDI 2 IN, OUT and THRU
 MIDI IN Filters for MIDI 1 and MIDI 2
 MIDI OUT Filters for MIDI 1 and MIDI 2
 MIDI Sustain (toe piston)

ADDITIONAL FEATURES

Selectable Tracker Response
 Selectable Manual Assignments
 Performance Sequencer
 Metronome
 USB Drive
 Digital Clock with Timer
 Selectable Historic Temperaments
 Programmable Temperaments
 12 Step Transposer +/- 6 Half Steps
 Computer Serial Port
 Extensive Built-In Pipe Organ Sound Library
 Built-In Instrumental Sound Library



COMBINATION ACTION

25 General Pistons
 8 Divisional Pistons
 20 Memory Levels
 Memory Level Up Piston
 Memory Level Down Piston
 Set Piston
 General Cancel Piston
 500 Stage Piston Sequencer
 Piston Sequencer Up (8 thumb and 2 toe pistons)
 Piston Sequencer Down (5 thumb pistons)
 Pistons Coupled (selectable by division)
 Return to Handset Registration
 5 Programmable 20-Step Crescendos
 5 Programmable Tuttis
 Memory Lock
 Lighted Toe Pistons



REVERSIBLE PISTONS

Great to Pedal (thumb and toe)
 Swell to Pedal (thumb and toe)
 Choir/Positiv to Pedal (thumb and toe)
 Solo/Bombarde to Pedal (thumb and toe)
 Swell to Great (thumb)
 Swell to Choir (thumb)
 Solo/Bombarde to Swell (thumb)
 Sostenuito (thumb and toe)
 Contre Bombarde 32 (toe)
 Untersatz 32 (toe)
 Sub Principal 32 (toe)
 Tutti (thumb and toe)
 Pipes (thumb)
 Digital (thumb)
 Pistons Coupled (thumb)
 Automatic Pedal (thumb)
 Full Tremulant (thumb)
 Solo Coupler (thumb)
 All Swells to Swell (thumb)



SPEAKER AND AMPLIFICATION SYSTEMS

Custom Designed External Speaker and Amplification System
 18 Independent External Output Channels
 Independent 5 Band Equalizer for each Output Channel Pair
 Headphone Jack
 AUX IN 1 Stereo MIC/Line with L/R Sensitivity Controls
 AUX IN 2 Stereo

DIMENSIONS

Built to American Guild of Organists Standards
 Size (as shown): 80" wide, 58" high, 46" deep (58" with pedalboard)

SAFETY AND COMPLIANCE

ETL Approved (meets UL-469 standards)
 Complies with Part 15 of the FCC rules

WARRANTY

10 Year Limited Parts Warranty

CUSTOM CONFIGURATION

Console Styling and Finishes
 Specifications
 Keyboards
 Drawknobs
 Engravings
 Adjustable Bench (optional)
 Backrest for Bench (optional)
 Bench Risers (optional)
 Console Dolly (optional)



AHLBORN-GALANTI ORGANS
 The Electronic Organ for Pipe Organ People™



www.ahlborn-galanti.com

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AHLBORN-GALANTI ADVANTAGE