

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
- UNTERSATZ 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
- CONTRE 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
- CONTRE 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  
TIBIA 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  
TIBIA 8

**VIOLONCELLE 8**  
GAMBA 8  
GEMSHORN 8  
SALIZIONAL 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  
CLARION 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  
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  
MUSSETTE 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



## 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)



## 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



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



[www.ahlborn-galanti.com](http://www.ahlborn-galanti.com)

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# AHLBORN-GALANTI ADVANTAGE