

# AHILBORN-GALANTI

## GREAT

**MONTRE 16**  
DOUBLE OPEN DIAPASON 16  
QUINTATON 16  
GEMSHORN 16

**PRINCIPAL 8**  
PRINCIPAL 8  
PRINCIPAL 8  
PRINCIPAL 8  
ITALIAN PRINCIPAL 8  
MONTRE 8  
GEIGEN PRINCIPAL 8  
DIAPASON 8  
OPEN DIAPASON 8  
HOLZPRINZIPAL 8

**BOURDON 8**  
GEDACKT 8  
CHIMNEY FLUTE 8  
FLAUTO CAVO 8  
STOPPED FLUTE 8  
ZAUBERFLÖTE 8  
GEDECKT 8  
ROHRFLÖTE 8  
FLÜTE 8  
NASON FLUTE 8

**FLÜTE HARMONIQUE 8**  
DOPPELFLÖTE 8  
TRAVERSE FLUTE 8  
TIBIA 8

**GAMBA 8**  
GEMSHORN 8  
CELLO 8  
DULCIANA 8  
VIOLONCELLO 8  
CELLO CÉLESTE II 8

**OCTAVE 4**  
PRESTANT 4  
OCTAVE 4  
OCTAVE 4

**ORCHESTRAL FLUTE 4**  
HARMONIC FLUTE 4  
KOPPELFLÖTE 4  
FLÜTE CONIQUE 4  
SPITZFLÖTE 4

**SUPER OCTAVE 2**  
OKTAV 2  
OCTAVE 2  
DOUBLETTE 2

**NACHTHORN 2**  
FLÜTE À BEC 2  
BLOCKFLÖTE 2  
PICCOLO 2

**FOURNITURE V**  
MIXTURE IV

**TRUMPET 8**  
TROMPETTE 8  
TROMPETTE HARMONIQUE 8  
TROMBA 8  
TROMPETE 8  
BOMBARDE 8

**ADDITIONAL STOP GREAT**  
DIAPASON 8  
MONTRE 8  
QUINT 2 2/3  
NAZARD 2 2/3  
QUINT 1 1/3  
LARIGOT 1 1/3  
SESQUIALTERA II  
CORNET V  
CYMBALE IV  
PLEIN JEU IV  
MIXTURE III  
CYMBALE III  
CORNOPEAN 16  
BOMBARDE 16  
DOUBLE TRUMPET 16  
FESTIVAL TRUMPET 8  
TROMPETTE EN CHAMADE 8  
TUBA 8  
TUBA MIRABILIS 8  
PICCOLO TRUMPET  
CLAIRON 4  
CLARION 4  
CHIMES  
ZIMBELSTERN  
HARPSICHORD  
HARP/CELESTA  
PIANO  
GOSPEL ORGAN  
RHODES PIANO  
BRASS CHOIR  
ORCHESTRAL STRINGS

**MIDI ON GREAT**  
TREMULANT  
SWELL TO GREAT  
CHOIR/POS TO GREAT

## SWELL

**BOURDON DOUX 16**  
MONTRE 16  
QUINTATON 16  
GEMSHORN 16

**CHIMNEY FLUTE 8**  
GEDACKT 8  
BOURDON 8  
FLAUTO CAVO 8  
FLÜTE HARMONIQUE 8  
DOPPELFLÖTE 8  
TRAVERSE FLUTE 8  
STOPPED FLUTE 8  
ZAUBERFLÖTE 8  
GEDECKT 8  
ROHRFLÖTE 8  
FLÜTE 8  
NASON FLUTE 8

**VIOLÉ DE GAMBE 8**  
VIOLA DA GAMBA 8  
VIOLIN DIAPASON 8  
DULCIANA 8  
CELLO 8  
VIOLONCELLO 8  
PRINCIPAL 8  
GEIGEN PRINCIPAL 8  
DIAPASON 8  
MONTRE 8

**VOIX CÉLESTE 8**  
VIOLA CÉLESTE 8  
VIOLIN CÉLESTE 8  
UNDA MARIS 8  
CELLO CÉLESTE 8

**PRESTANT 4**  
OCTAVE 4  
OCTAVE 4  
OCTAVE 4

**FLÜTE CONIQUE 4**  
KOPPELFLÖTE 4  
ORCHESTRAL FLUTE 4  
HARMONIC FLUTE 4  
SPITZFLÖTE 4

**NAZARD 2 2/3**  
QUINT 2 2/3  
SESQUIALTERA II  
CORNET V

**OCTAVIN 2**  
OKTAV 2  
OCTAVE 2  
DOUBLETTE 2  
PICCOLO 2  
BLOCKFLÖTE 2  
FLÜTE À BEC 2  
NACHTHORN 2

**TIERCE 1 3/5**  
LARIGOT 1 1/3  
SIFFLÖTE 1  
SEPTIÈME 1 1/7

**PLEIN JEU IV**  
PLEIN JEU IV  
CYMBALE IV  
CYMBALE V

**BASSON 16**  
HAUTOIS 16  
CORNOPEAN 16  
BOMBARDE 16  
DOUBLE TRUMPET 16  
TROMPETTE 16  
CORNO DI BASSETTO 16  
MUSSETTE 16

**TROMPETTE 8**  
TROMPETTE HARMONIQUE 8  
TRUMPET 8  
TROMBA 8  
TROMPETE 8  
BOMBARDE 8

**ORCHESTRAL OBOE 8**  
OBOE 8  
HAUTOIS 8  
VOIX HUMAINE 8  
ENGLISH HORN 8  
FRENCH HORN 8

**CLAIRON 4**  
CHALUMEAU 4  
CLAIRON 4  
SCHALMEI 4

**ADDITIONAL STOP SWELL**  
GEIGEN PRINCIPAL 8  
PRINCIPAL 8  
DIAPASON 8  
FLÜTE CÉLESTE II 8  
JEU DE CLOCHETTE II  
ACUTA III  
CYMBALE III  
HARMONICS V  
FESTIVAL TRUMPET 8  
TROMPETTE EN CHAMADE 8  
TUBA 8  
VOIX HUMAINE 8  
PICCOLO TRUMPET  
CHIMES  
ZIMBELSTERN  
HARPSICHORD  
HARP/CELESTA  
PIANO  
GOSPEL ORGAN  
RHODES PIANO  
BRASS CHOIR  
ORCHESTRAL STRINGS

**MIDI ON SWELL**  
TREMULANT  
SWELL TO SWELL 16  
SWELL TO SWELL 4

## CHOIR/POS

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

**GEDACKT 8**  
GEDECKT 8  
BOURDON 8  
CHIMNEY FLUTE 8  
FLAUTO CAVO 8  
FLÜTE HARMONIQUE 8  
DOPPELFLÖTE 8  
TRAVERSE FLUTE 8  
STOPPED FLUTE 8  
ZAUBERFLÖTE 8  
ROHRFLÖTE 8  
FLÜTE 8  
NASON FLUTE 8

**FLÜTE CÉLESTE II 8**  
FLÜTE HARMONIQUE 8  
DOPPELFLÖTE 8  
TRAVERSE FLUTE 8

**GEMSHORN 8**  
CELLO 8  
DULCIANA 8  
VIOLONCELLO 8  
GAMBA 8  
CELLO CÉLESTE II 8

**GEMSHORN CÉLESTE 8**  
CELLO CÉLESTE 8  
UNDA MARIS 8

**PRINCIPAL 4**  
OCTAVE 4  
OCTAVE 4  
PRESTANT 4

**KOPPELFLÖTE 4**  
CONCERT FLUTE 4  
ORCHESTRAL FLUTE 4  
HARMONIC FLUTE 4  
FLÜTE CONIQUE 4  
SPITZFLÖTE 4

**FIFTEENTH 2**  
OCTAVIN 2  
OKTAV 2  
OCTAVE 2

**MIXTURE IV**  
PLEIN JEU IV  
CYMBALE IV  
CYMBALE III

**CLARINET 8**  
CLARINETTO 8  
KRUMMHORN 8  
KRUMMHORN 8  
CROMORNE 8  
CROMORNE 8

**ENGLISH HORN 8**  
FRENCH HORN 8  
OBOE 8  
HAUTOIS 8  
TRUMPET 8  
TROMPETTE 8  
TROMPETTE HARMONIQUE 8  
TROMBA 8  
TROMPETE 8  
BOMBARDE 8

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

**ADDITIONAL STOP CHOIR/POS**  
GEMSHORN 16  
SESQUIALTERA II  
QUINT 2 2/3  
NAZARD 2 2/3  
LARIGOT 1 1/3  
SEPTIÈME 1 1/7  
SIFFLÖTE 1  
JEU DE CLOCHETTE II  
SCHARF III  
ZIMBEL III  
HARMONICS V  
BASSON 16  
VOIX HUMAINE 8  
VOIX HUMAINE 8  
PICCOLO TRUMPET  
CLAIRON 4  
SCHALMEI 4  
CHIMES  
ZIMBELSTERN  
HARPSICHORD  
HARP/CELESTA  
PIANO  
GOSPEL ORGAN  
RHODES PIANO  
BRASS CHOIR  
ORCHESTRAL STRINGS

**MIDI ON CHOIR/POS**  
TREMULANT  
SWELL TO CHOIR/POS  
CHOIR/POS TO CHOIR POS 16  
CHOIR/POS OFF CHOIR/POS  
CHOIR/POS TO CHOIR POS 4

## PEDAL

**UNTERSATZ 32**  
CONTRABASSE 32  
CONTRA VIOLONE 32

**PRINCIPAL 16**  
PRINCIPAL 16  
PRINCIPAL 16

**SUB BASS 16**  
SUB BASS 16  
BOURDON 16

**VIOLONE 16**  
CONTRA GAMBA 16  
GEMSHORN 16

**OCTAVE 8**  
PRINCIPAL 8  
VIOLONCELLO 8  
CELLO D' AMORE 8  
CELLO CÉLESTE II 8

**BASS FLUTE 8**  
BOURDON 8  
GAMBE 8

**CHORAL BASS 4**  
SUPER OCTAVE 4  
HARMONIC FLUTE 4  
NACHTHORN 4

**MIXTURE IV**  
MIXTURE VI

**POSAUNE 16**  
TROMBONE 16  
BASSON 16  
CONTRE TROMPETTE 16  
BOMBARDE 16  
BOMBARDE 16  
OPHCLEIDE 16  
FAGOTTO 16  
DULZIAN 16

**TRUMPET 8**  
TROMPETTE 8  
TROMBA 8  
HOLZDULZIAN 8

**SCHALMEI 4**  
CLAIRON 4  
BOMBARDE CLARION 4  
REGAL 4

**ADDITIONAL STOP PEDAL**  
CONTRE BOMBARDE 32  
CONTRA BASSON 32  
BOMBARDE 32  
TROMBONE 16  
BASSON 16  
CONTRE TROMPETTE 16  
BOMBARDE 16  
BOMBARDE 16  
OPHCLEIDE 16  
FAGOTTO 16  
DULZIAN 16  
FESTIVAL TRUMPET 8  
TROMPETTE EN CHAMADE 8  
TUBA 8  
TUBA MIRABILIS 8  
TIMPANI  
CHIMES  
ZIMBELSTERN

**MIDI ON PEDAL**  
GREAT TO PEDAL  
SWELL TO PEDAL  
CHOIR/POS TO PEDAL



358  
INDEPENDENTLY  
VOICEABLE  
STOPS

3  
1  
0  
0



# 3100

## EXCLUSIVELY FROM AHLBORN-GALANTI

Unparalleled Digital Pipe Organ Sound  
 DRAKE™ Technology  
 5 Interactive Stop Lists™  
 Quick List™  
 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

52 Speaking Stops  
 358 Independently Voiceable Stops  
 80 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  
 Adjustable Music Rack With Inlaid Burl Walnut  
 Lighted Music Rack  
 Beveled Bench with Music Storage Shelf  
 Lighted Pedalboard  
 Wooden Pedal Keys  
 Tracker Touch Keyboards  
 Full Pipe Organ Compatibility



## EXPRESSION

Swell Expression Pedal  
 Choir/Positiv Expression Pedal  
 Expression Pedal Range Adjustable for Each Division  
 Selectable Expression Mode (mechanical or 8 stage)  
 Great and Pedal Volume Sliders  
 Stop-by-Stop Selectable Expression  
 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  
 Disk Drive  
 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

20 General Pistons  
 8 Divisional Pistons  
 25 Memory Levels  
 Memory Level Up Piston  
 Memory Level Down Piston  
 Set Piston  
 General Cancel Piston  
 500 Stage Piston Sequencer  
 Piston Sequencer Up (6 thumb and 1 toe pistons)  
 Piston Sequencer Down (4 thumb pistons)  
 Pistons Coupled (Great and Pedal)  
 Return to Handset Registration  
 5 Programmable 20-Step Crescendos  
 5 Programmable Tutti  
 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)  
 Swell to Great (thumb)  
 Swell to Choir (thumb)  
 Untersatz 32 (toe)  
 Tutti (thumb and toe)  
 Pipes (thumb)  
 Digital (thumb)  
 Pistons Coupled (thumb)  
 Automatic Pedal (thumb)  
 Solo Coupler (thumb)  
 All Swells to Swell (thumb)



## SPEAKER AND AMPLIFICATION SYSTEMS

Custom Designed External Speaker and Amplification System  
 16 Independent External Output Channels  
 Independent 5 Band Equalizer for each Output Channel Pair  
 Internal 3 Channel Speaker and Amplification System  
 Independent 5 Band Equalizer for Internal System  
 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: 64" wide, 50" high, 30" deep (45" 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

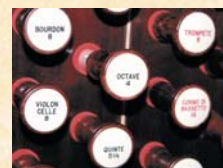
## STANDARD CONFIGURATION

Traditional Oak Finish  
 Lighting Rocker Tablets



## OPTIONS

Light Oak Finish  
 Wooden Tracker Touch Keyboards  
 Reverse Color Wooden Tracker Touch Keyboards  
 Adjustable Bench  
 Backrest for Bench  
 Bench Risers  
 Custom Console  
 Moving Drawknobs (only with custom console)



**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