

## GREAT

Diapason 16  
 First Diapason 8  
 Second Diapason 8  
 Claribel Flute 8  
 Doppelflute 8  
 Erzähler 8 (CH)  
 Erzähler Celeste 8 (CH)  
 Octave 4  
 Flute 4  
 Twelfth 2-2/3  
 Fifteenth 2  
 Mixture IV *Orchestra 1*  
 Double Trumpet 16 (CH)  
 Tromba 8 (CH)  
 French Horn 8 (CH)  
 Clarion 4 (CH)  
 Tremolo  
 Chimes (CH)\*

(CH) = Choir expression  
 \* = Orchestra voice

## SWELL

Lieblich Gedeckt 16  
 Diapason 8  
 Rohrflute 8  
 Salicional 8  
 Voix Celeste 8  
 Flute Celeste 8 II  
 Octave 4  
 Flute Triangulaire 4  
 Nazard 2-2/3  
 Flautino 2  
 Tierce 1-3/5 *Orchestra 1*  
 Mixture V *Orchestra 2*  
 Posaune 16  
 Trumpet 8  
 Oboe d'Amore 8  
 Vox Humana 8  
 Clarion 4  
 Tremolo

## CHOIR

Dulciana 16  
 Diapason 8  
 Concert Flute 8  
 Dulciana 8  
 Unda Maris 8  
 Gemshorn 4  
 Harmonic Flute 4  
 Piccolo 2  
 Larigot 1-1/3 *Orchestra 1*  
 Mixture III *Orchestra 2*  
 Clarinet 8  
 English Horn 8  
 Tremolo  
 Harp\*  
 Tuba 8

\* = Orchestra voice

## PEDAL

Bourdon 32  
 First Diapason 16  
 Second Diapason 16 (GT)\*  
 Bourdon 16  
 Dulciana 16 (CH)\*  
 Lieblich Ged. 16 (SW)\*  
 Octave 8  
 Cello 8  
 Gedeckt 8  
 Still Gedeckt 8 (SW)\*  
 Fifteenth 4  
 Mixture IV *Orchestra 1*  
 Bombarde 32  
 Trombone 16  
 Posaune 16 (SW)\*  
 Trumpet 8  
 Clarion 4 *Orchestra 2*

\* = borrowed from manual

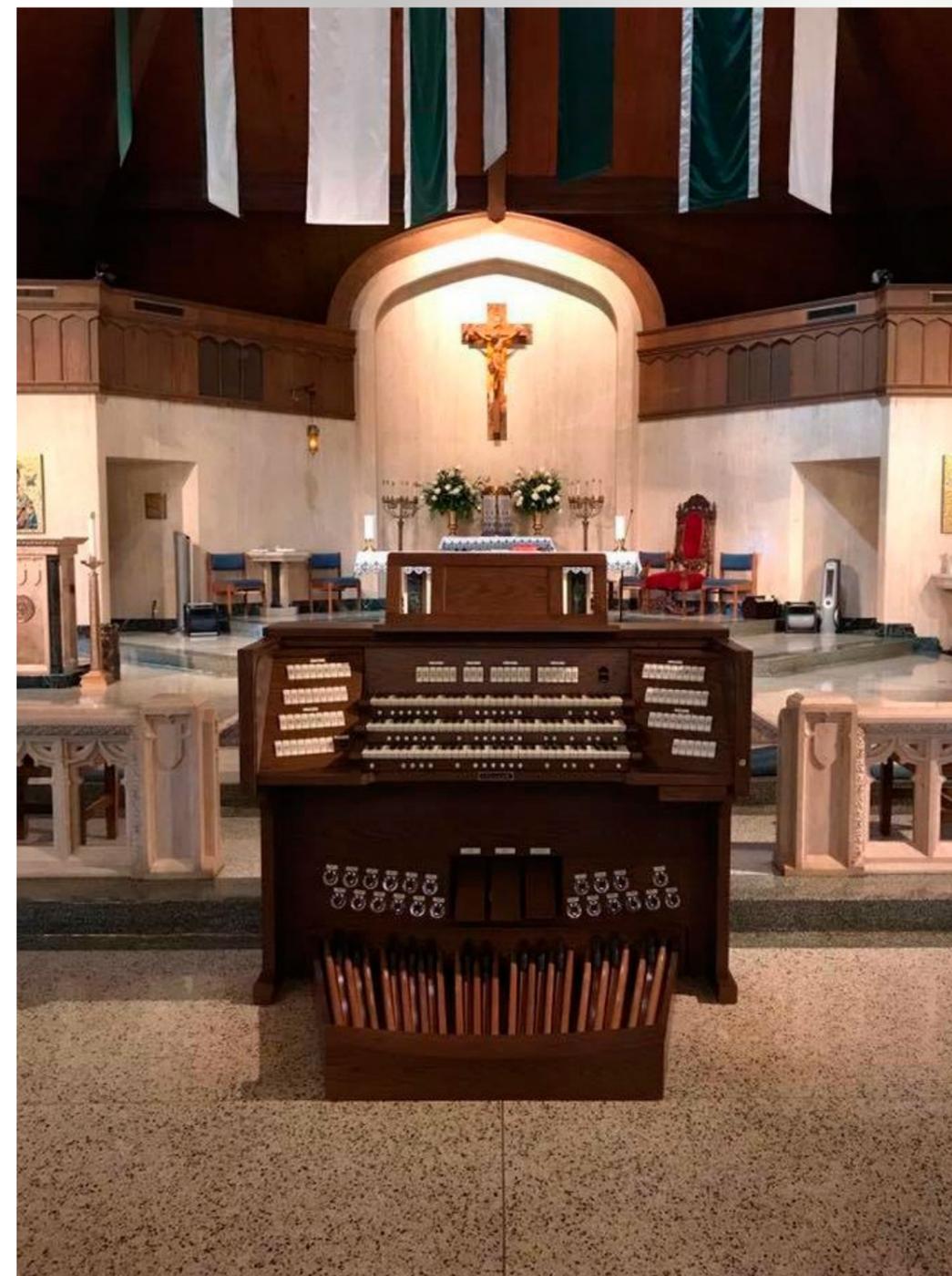
## COUPLERS

Great to Pedal 8  
 Great to Pedal 4  
 Swell to Pedal 8  
 Swell to Pedal 4  
 Choir to Pedal 8  
 Choir to Pedal 4

Swell 16 Unison  
 Off Swell 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 16 Unison  
 Off Choir 4  
 Swell to Choir 16  
 Swell to Choir 8  
 Swell to Choir 4



## UNICO 370

The UNICO 370 represents the heart of American Organ Design from the early 20th Century. Powered by Viscount's Physis® Physical Modeling Technology, the 370 has unlimited custom organ registrations, a library of over 1200+ voices, and a system where every single stop is user 'alterable', not only a select few, putting complete control in the organists' hands.

## UNICO 370 / Specifications



|                           |   |
|---------------------------|---|
| Keyboards                 | 3 x 61 note ultra performance quality 'deluxe tracker touch' keyboards (standard, no extra charge) including advanced velocity control for MIDI and Orchestral Voices. These keyboards are designed to be virtually impermeable from warpage and failure due to extreme humidity ranges found throughout North America. A diverse offering of customized manuals are also available at an additional charge including wooden keytops, select wood keyboards, Viscount's revolutionary patented magnetic action AWK Keyboards, and even American Made Pipe Organ Manuals (all with customizable finishes). |
| Pedalboard                | 32 note AGO radiating concave pedalboard (standard) including advanced velocity control. Other variations available upon request.   |
| Expression and Crescendo  | 2 customizable expression shoes including SWS (all swells to swell) feature for superior musical expressivity, plus a 16 stage programmable crescendo pedal for total control over your sound   |
| <b>STOPS and VOICES</b>   |   |
| Pedal                     | 17, each organ stop can access any Physis® voice in the library with the touch of a button. Each individual voice is also customizable, and orchestral capable stops have an additional unique editable library to truly make Your Organ. Your Sound.™  |
| Choir                     | 15, each organ stop can access any Physis® voice in the library with the touch of a button. Each individual voice is also customizable, and orchestral capable stops have an additional unique editable library to truly make Your Organ. Your Sound.™  |
| Great                     | 18, each organ stop can access any Physis® voice in the library with the touch of a button. Each individual voice is also customizable, and orchestral capable stops have an additional unique editable library to truly make Your Organ. Your Sound.™  |
| Swell                     | 18, each organ stop can access any Physis® voice in the library with the touch of a button. Each individual voice is also customizable, and orchestral capable stops have an additional unique editable library to truly make Your Organ. Your Sound.™  |
| Total Stops               | 68, with some including optional simultaneous dual speaking ranks, not including an entire array of sub and super couplers located above the top manual in a selection of 21 additional stoptabs  |
| Organ Stoptabs            | Unlimited number of organ stoptabs and custom combinations with Physis® Technology. Comes standard with 8 organ stoptab spaces, 4 of which are pre-filled with the following voicings; Early American Classic (indicated on physical stops), Quintessential English, Baroque Silbermann, and a superb French Cavaillé-Coll  |
| Physis® Voices            | ± 500 voices internally with free access to any voice in the universal Physis® Library of over 1200 total organ voice models (and growing)  |
| Orchestral Voices         | A separate library of voices are included for today's diverse church music worship programs. They are all easily recallable in your saved general and divisional pistons  |
| <b>ACCESSORIES</b>        |   |
| Capture Action            | ∞ (infinity) programmable memory banks with flash drive inserted and 16 programmable memory banks internally. 12 generals, 6 divisionals for each division memory bank. Capture action system includes 'memory bank + and -' pistons, and 'prev'/'next' memory pistons for easy and instant navigation for total control over your organ  |
| Other Accessories Include | programmable automatic pedal, toe stud reversibles, on board multi track recording sequencer and hymn player, transposer, Internal/external/divisional volume controls for every audio channel, comprehensive editable MIDI functions for additional devices, pipe organ compatibility, keyboard inversion, USB flash drive mass storage, graphic display with backlight, optional sequencer for remote control, and many more features not listed!   |

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|--|---|
| Tremulant  | 2 customizable trem, selectable stop by stop, for each division utilizing tremulant   |
| Acoustic Room Modeling                                 | Viscount's Physis® Technology allows the user to experience the joy of playing in various famous performance locations throughout the world. This technology is more than just 'reverb'. Instead, with various setting changes, you will experience the pipes reacting to each other quite differently due to the type of materials within that particular settings' space. In addition to room modeling options, you can change the intensity of the experience, and for further customization, you can physically change the humidity of the air in the virtual space. It's true that the the room is often the 'best stop on an organ', but the level of humidity also can drastically affect how acoustics react with one another in addition to the room's surfaces and volume of space. This technology is revolutionary in the digital organ realm, and available through Viscount's Physis® Technology.   |
| Ensemble Effect  | This feature is fully adjustable and gives the Viscount Organ its warmth by recreating the tiny and constantly changing tunings of the pipes on a real pipe organ. It's so subtle you don't notice it, until you play the organ for a while and say to you yourself that there's just something more 'real' about the way this Viscount Organ sounds and plays...Ensemble Effect is partially responsible for this!   |
| Air Pressure Effect                                    | In a real pipe organ, each windchest supplies its own pressures. The organ demands more air when more stops are selected, creating a slight dip in air pressure at the beginning of big and dramatic chords. All pipe organs experience this phenomena, and shows the interconnected relationship between a pipes sound and the organs' available wind. A Viscount Organ with Physis® Technology now also experiences slight dips in air pressure that feel very natural and again, make a digital organ that doesn't just play notes, but also lives and breaths as if it's a living and breathing pipe organ. This feature can be adjusted with various windchest configurations, from off to extreme with many levels in between.  |
| <b>AUDIO SYSTEMS</b>                                   |   |
| External Outputs                                       | Please note that with Physis® Physical Modeling Technology, our systems are highly customized to your specific needs. There are wide variations of options that are determined based on your application, acoustical challenges, and budgetary requirements. Some features or maximum channeling may not be needed for every application. Up to 28 independant channels powered by Physis® Technology producing 3 dimensional sound through a bi-polar speaker arrangement  |
| Windchest Configuration                                | Real pipe organs are built with various windchest configurations. For instance, a 'cusp' windchest positions the tallest (lowest frequency) pipes in the center, with each higher note pipe being positioned on the left and right side of the previous pipe (like a triangle). This gives a unique movement to the sound previously only available in a real pipe organ. Now, through Physis®, Viscount sets every rank of every stop in the entire organ to speak through the speaker system in the same way that a real pipe organ's pipes do. Available windchest configurations include cusp, double cusp, chromatic left/right and right/left, C/C#. There is also a new windchest configuration feature that remedies an 'age old' speaker issue known as phase cancellation. Sometimes with speakers (unlike pipes), you can have two notes played through the same speakers that will cancel each others frequency out. The Viscount Organ now recognizes this phenomena when it happens and diverts one of the notes to another non-competing speaker in real-time, instantly, and faster than the human mind can think to ensure your organ ensemble is always crystal clear and free from any distortion. |
| Equalization   | High end full function DSP (digital signal processing) with crossovers, parametric EQ filters, limiting, alignment delay, etc. for every channel  |
| Dimensions including music rack and pedalboard (WxHxD) | 63.77" x 50" x 43.70"   |

