



HYBRID
ORGAN SOLUTIONS

HYBRID ORGAN SOLUTIONS

THE DIGITAL UPGRADE FOR THE PIPE ORGAN

JOHANNUS

The sound of excellence

WHEN CHURCHES WANT TO COMBINE THE QUALITIES OF A DIGITAL ORGAN AND A PIPE ORGAN, JOHANNUS HYBRID ORGAN SOLUTIONS ARE THE ANSWER. WITH THE INTRODUCTION OF THE HYBRID SOLUTION, JOHANNUS ACHIEVES AN ABSOLUTE DREAM COMBINATION FOR CHURCH ORGANISTS: THE ROMANTIC ATMOSPHERE OF THE PIPE ORGAN WITH THE TECHNOLOGICAL CAPABILITIES OF THE DIGITAL ORGAN, ALL IN A SINGLE INSTRUMENT.

Four solutions

Johannus Hybrid offers four overall solutions. One: integrating a digital console into a pipe organ. Two: adding digital stops to a pipe organ. Three: a combination of console and stops. Four: a new hybrid organ that Johannus creates in collaboration with renowned pipe organ builders. A number of options can be combined to allow for combinations on these basic concepts; these combinations are explained in more detail in this brochure.

Quality advantages

Johannus Hybrid Organ Solutions allows your pipe organ to benefit from a number of key advantages. First and foremost, of course, is the convergence of the best qualities of two organs in a single new instrument: the hybrid organ. For instance, a historic pipe organ could be equipped with a robust digital console that will last for ages. Or a pipe organ dating back centuries could be enhanced to include new digital stops, giving your instrument an unexpected new flair. New registration options open up before you; there are new possibilities for play, for harmonies. A new organ, in essence.

Financial advantages

Restoring or replacing pipe organ manuals using traditional methods can be quite expensive. With Johannus Hybrid Organ Solutions, you can upgrade to a digital console for a fraction of the cost. The same holds true for digital stops. The financial advantages should never be forgotten.

Technological advantages

Johannus Hybrid Organ Solutions can help to propel your instrument into the 21st century. If you have a pipe organ equipped with a digital console, you have the option of recording what you play and listening to it again and again. Ask your Johannus representative about various other technological innovations that are available to upgrade your existing instrument.

Improvement and innovation

Johannus has spent years working on improvements and innovations for these solutions customized to churches' individual needs. For the hybrid organ, the future is wide open. We are confident about that fact. What church wouldn't want to benefit from the ultimate advantages offered by the all-in-one instrument?

Read more about the possibilities of the Johannus Hybrid Organ Solutions.

THE ADVANTAGES OF THE JOHANNUS HYBRID ORGAN SOLUTIONS

What indisputable advantages does the Johannus Hybrid offer? See an overview here.

- Combine the romance of the pipe organ with the technical potential of a digital console and digital stops.
- Adding a digital console and digital stops costs less than traditional pipe organ restoration or expansion.
- The Johannus library contains stops recorded from organs dating from different eras and styles. This makes it possible to expand any pipe organ by adding digital stops that suit the rest of the organ's repertoire.
- Digital stops automatically adapt their pitch to match the rest of the organ in response to changing temperatures.
- A hybrid organ can also be enriched by adding such stops as a piano, trumpet or orchestral stops.
- Adding a 32-foot stop is also a possibility.
- A digital console eliminates the need for expensive maintenance in the long run.
- Digital components in your pipe organ are easy to update and can be replaced at relatively reasonable rates.
- Johannus works with a number of renowned Dutch, English, German and American pipe organ builders. They, too, believe in the power of the hybrid organ.

THE FOUR JOHANNUS HYBRID ORGAN SOLUTIONS

Johannus Hybrid is actually a collective title for four specific hybrid solutions. Which variation you prefer depends on your specific circumstances and needs: do you want extra stops, a new console, or possibly both? In this brochure you may find a scenario that sounds like your situation. We tailor the final solution to your actual needs.

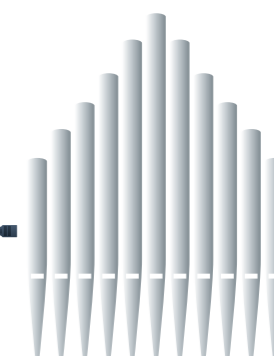
JOHANNUS HYBRID CONSOLE

WE NEED A CONSOLE FOR OUR PIPE ORGAN



NEW
CONSOLE

PIPE INTERFACE[®]
BY JOHANNUS



EXISTING
PIPE ORGAN

/ Your current organ

- Our pipe organ has good electro-pneumatic action, but the console needs to be replaced. The drawknobs and manual (or manuals) no longer work properly.

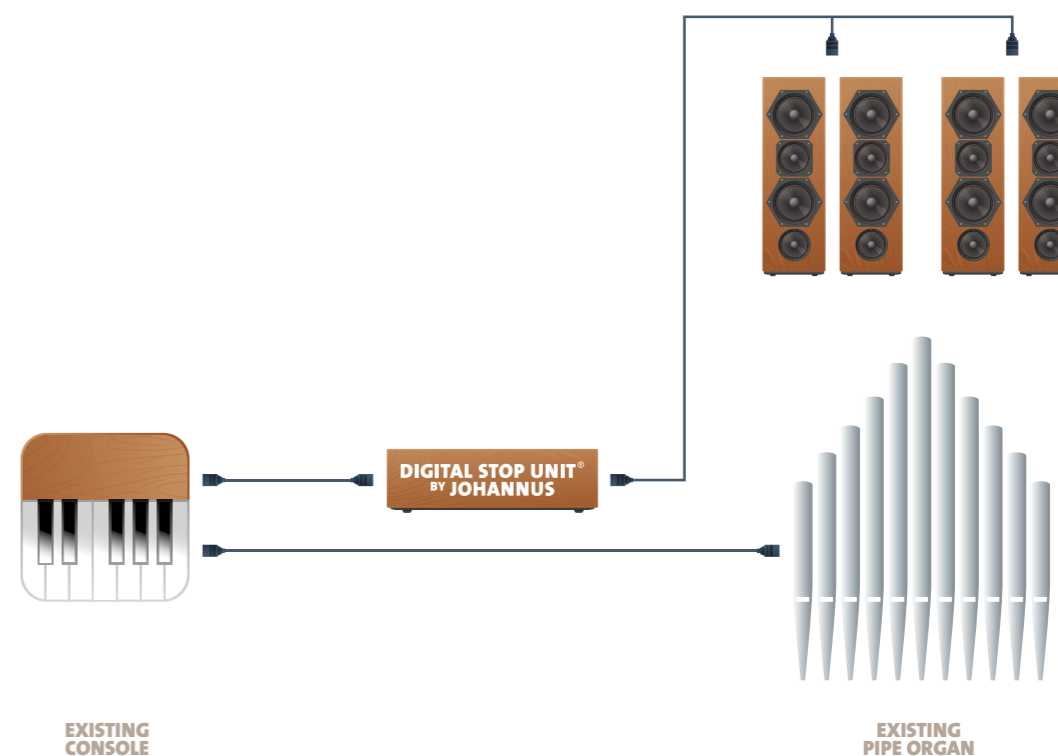
Our solution

We can offer you a new console made entirely to fit your organ. The console will send information to our 'Pipe Interface', which controls the pipes in the organ directly. Our MIDI Sequencer+ can also be hooked up to your pipe organ, making it possible for you to record your organ recital and play it back later. Electro-pneumatic pipe organs are particularly suited to incorporation of a digital console. The process is more complicated for a mechanical pipe organ, but certainly not impossible. Based on an analysis of your mechanical pipe organ, we can review the options for a digital console.

WE NEED EXTRA STOPS FOR OUR PIPE ORGAN

Your current organ

- We have a good pipe organ, but are missing several organ stops. However, the organ case does not have room for more pipes.
- We have a good pipe organ, but are missing several organ stops. Adding the required pipe organ stops is too expensive for our budget.
- We have a good pipe organ, but it does not have its own pedal stops. We would like to add a number of pedal stops.



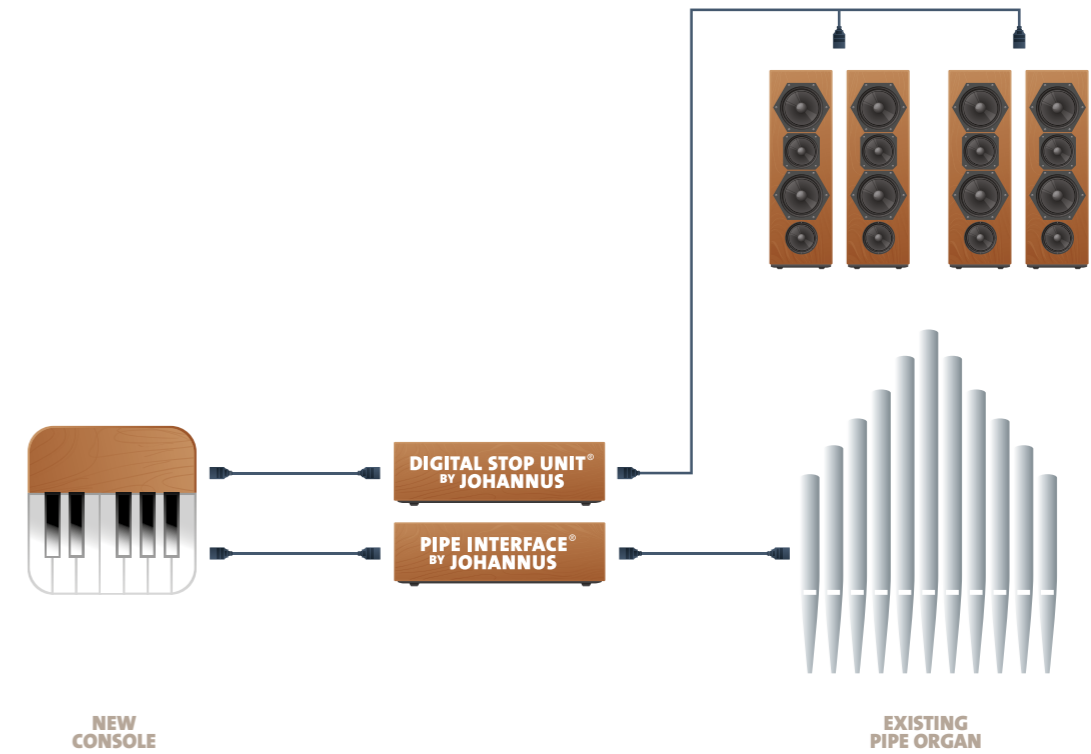
Our solution

Johannus Hybrid Stops offers various options for adding extra digital stops. Our Digital Stop Unit, for example, is a module containing your selected stops, which are heard through speakers in the organ case. In addition to stops for the Great and Swell divisions, we can also add pedal stops. For optimal control of the digital organ stops, we equip the current console with a number of additional features. The equipment needed to optimize the organ is assessed based on the individual instrument.

We add drawknobs to the existing console so you can control the digital stops. Once your organ incorporates a combination of digital and pipe stops, this option makes it easier to play, while the console still looks authentic. The advantage of *Johannus Hybrid Stops* compared to adding pipe organ stops is that digital stops do not take up much room in the organ case. It also represents significant savings on purchase and maintenance costs.

JOHANNUS HYBRID CONSOLE & STOPS

WE NEED A NEW CONSOLE AND EXTRA STOPS



/ Your current organ

- We have a good pipe organ, but we want to expand the instrument to include an extra manual and extra stops.
- We have a good pipe organ, but the console needs to be replaced and we want to add extra stops.
- We have a good pipe organ, but it does not have its own pedal stops. We would also like a new console, possibly even with an extra manual and extra stops.

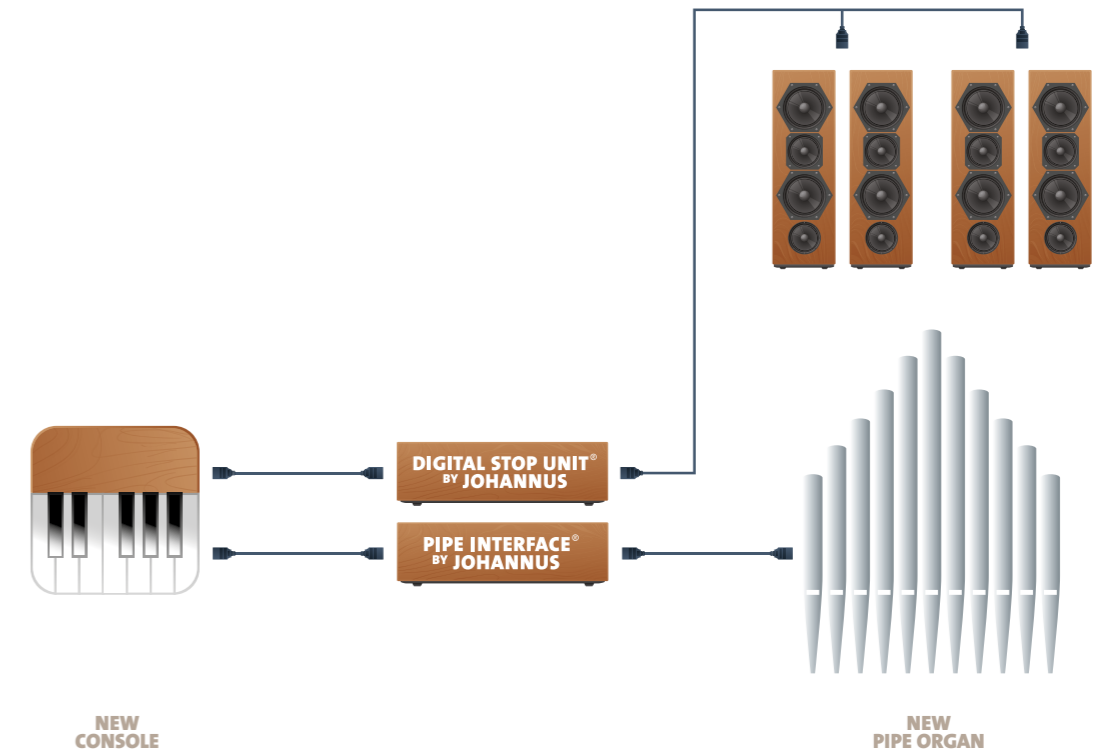
Our solution

In essence, *Johannus Hybrid Console & Stops* is a combination of the solutions described before. We build a customized digital console that sends information to the Pipe Interface, which controls the pipes in the pipe organ. The MIDI Sequencer+ also gives you the option of recording what you play on the organ and listening to it again later. If you opt for a combination with extra digital stops, you also open up the option of expanding the number of manuals. If you add an extra manual, like a Swell or Choir, you can easily select digital stops. The same applies to a permanently coupled pedal board. In this situation, we add a number of pedal stops later, so these stops can operate independently.

WE WOULD LIKE TO COMMISSION A NEW HYBRID ORGAN

/ Your current organ

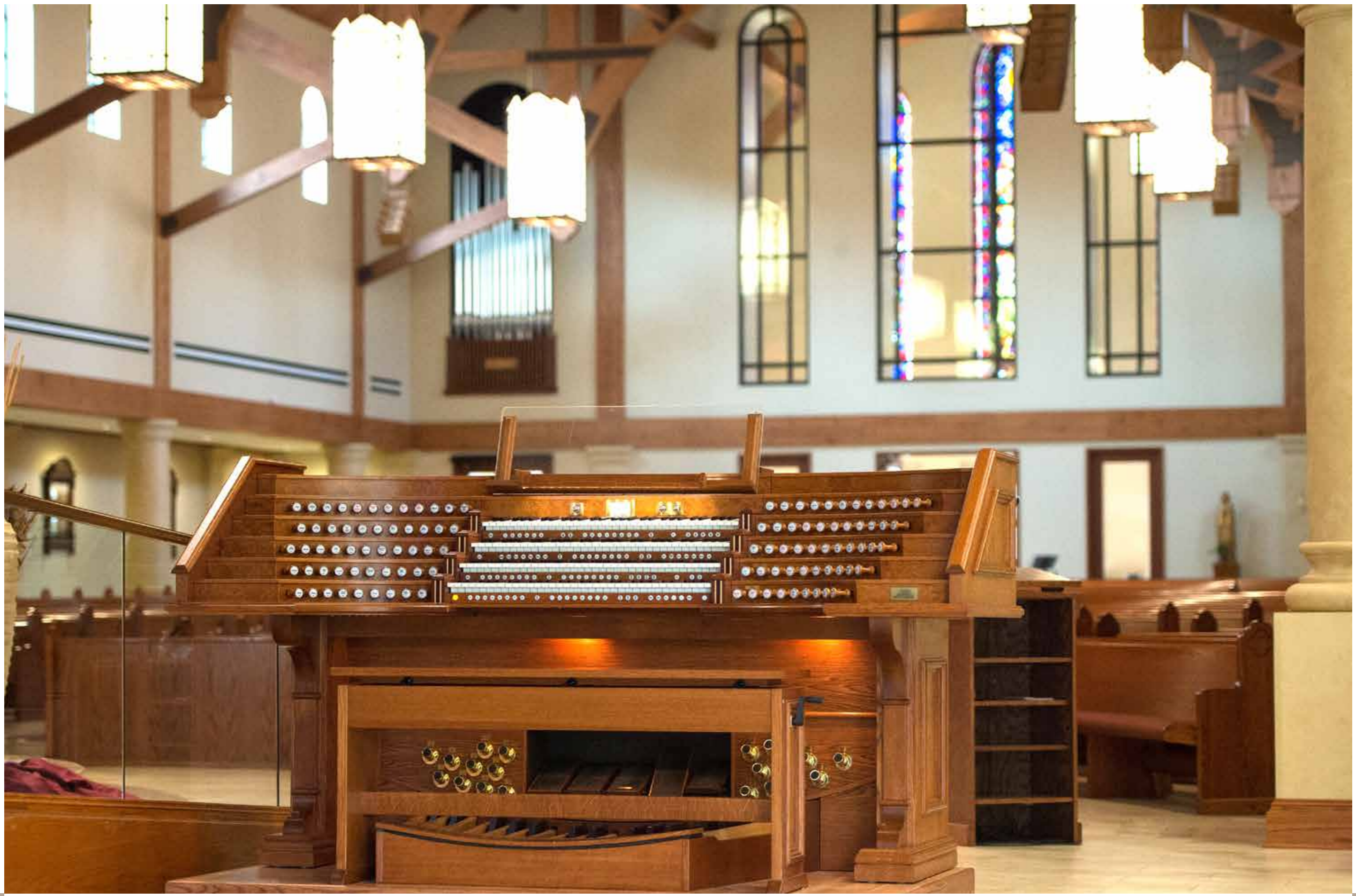
- We do not have an organ yet, but we would like to commission a new hybrid organ to be built.



Our solution

The *Johannus Hybrid New Organ* puts you in the comfortable position that all the possible combinations for a hybrid organ are at your disposal. There is no existing pipe organ that needs to be incorporated into the solution. Collaborating with our consultant, you can design a complete new hybrid organ, creating almost unlimited options for the console, digital stops and pipe stops. In order to create an ultimate hybrid between a pipe organ and a digital organ, Johannus works with renowned pipe organ builders from the Netherlands, Germany, France, England and the United States.

You benefit by having a new hybrid organ of incalculable financial benefit, while the number of options increases thanks to integrated technology. In addition, you can rest assured that your sustainable purchase will involve significantly lower maintenance costs in the long run than a pipe organ.



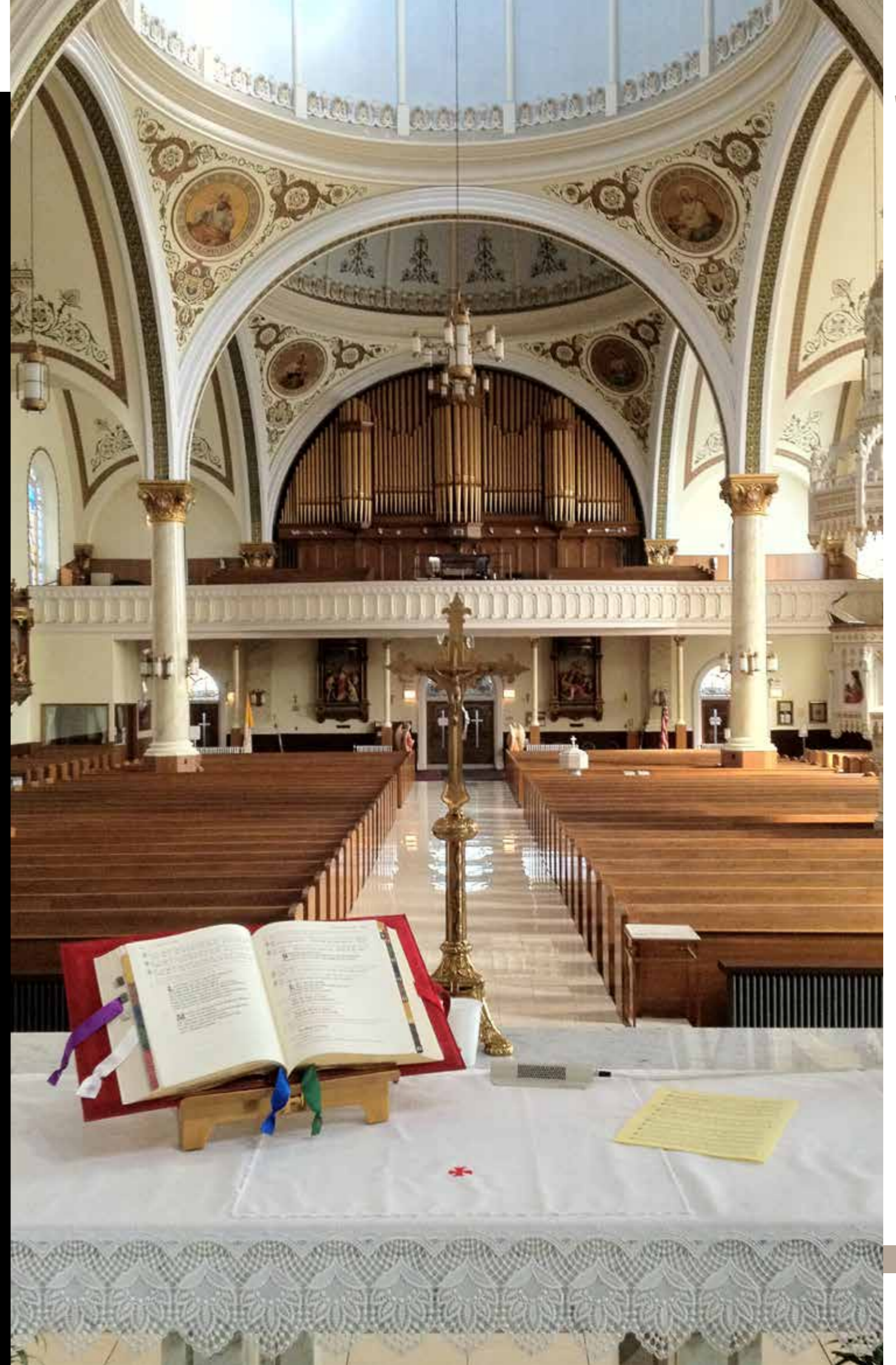
CAN YOU HEAR THE DIFFERENCE?

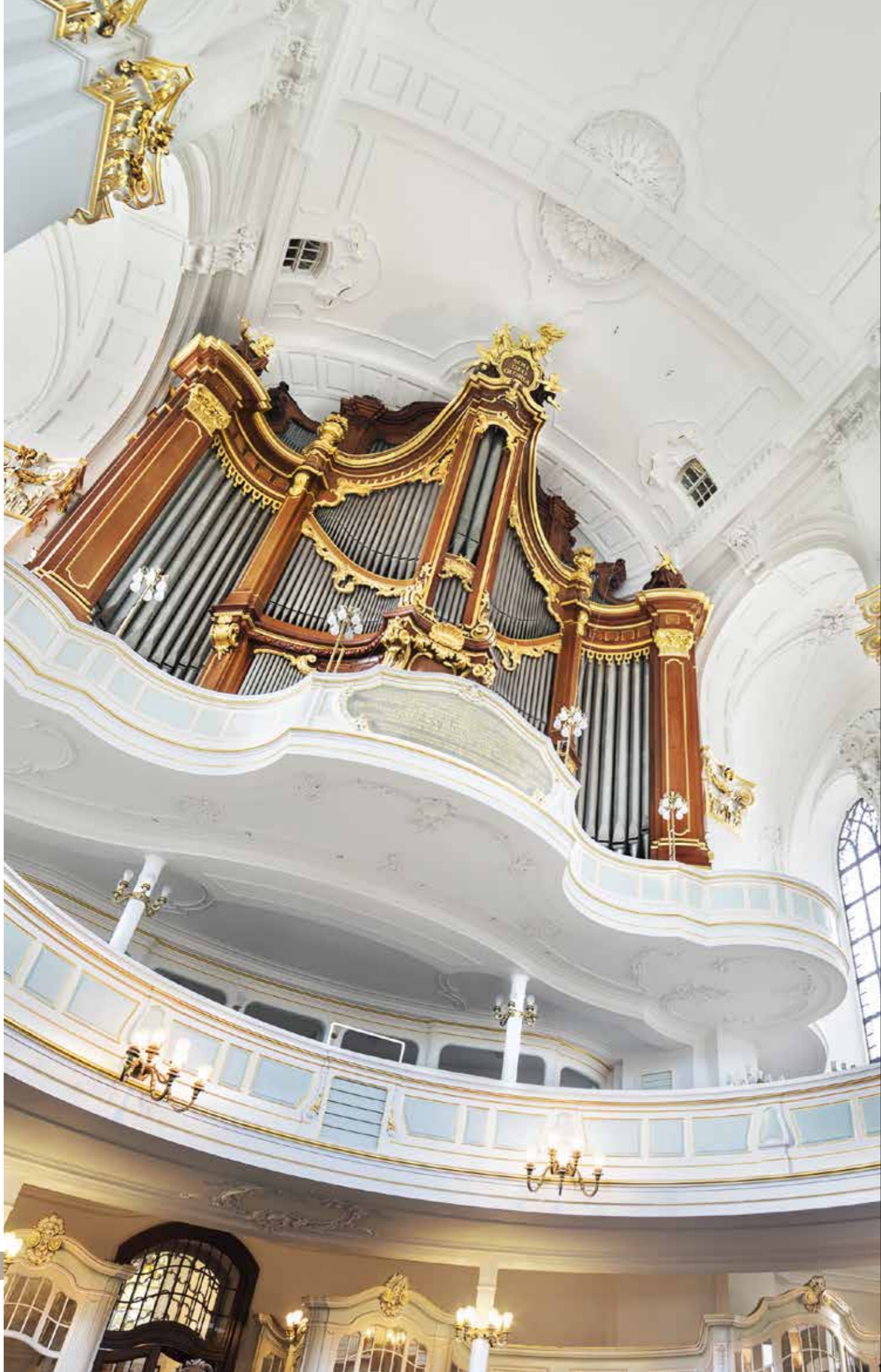
Combining the stops of a pipe organ and a digital organ: is that a good idea?

YES, ACCORDING TO US HERE AT JOHANNUS. YES, ACCORDING TO PROFESSIONAL ORGANISTS. AND YES, ACCORDING TO RENOWNED PIPE ORGAN BUILDERS.

Johannus has been able to make the difference between a pipe organ and a digital organ almost undetectable in the sound, thanks to constant innovation. Many professional organists no longer hear any difference between a digital stop by Johannus and a pipe organ stop. The fact that Johannus works with renowned pipe organ builders from Germany, France, England, the United States and more also says a lot, of course. When even well-known pipe organ builders acknowledge the excellent quality of our advanced technology, that's the best proof there could be.

Thanks to the constant development and improvement of Johannus Hybrid Organ Solutions, we are capable of merging the digital stops from Johannus Hybrid and the pipe organ stops from the existing instrument into a harmonious convergence. The digital stops are produced based on high-quality recordings we make from that same pipe organ. The digital stops find their way to speakers and amplifiers, while the pipe organ stops go to the pipes. Anyone who can hear any difference at all is welcome to speak up!





WHY DO CHURCHES OPT FOR A HYBRID ORGAN?

Churches may consider purchasing a hybrid organ for a variety of reasons. The following list outlines the most common considerations.

Ultimate combination

The main reason to opt for a hybrid organ is generally due to the ultimate combination offered by the digital and pipe organ hybrid. People are reluctant to give up the romantic atmosphere of the pipe organ, and we understand that. Johannes Hybrid retains every last fiber of the authentic qualities of the pipe organ. But a digital console or digital stops add an extra dimension to the pipe organ. Romantic atmosphere and technological progress co-exist in harmony here.

Restoration regret

Another reason could be if a church has had less than positive memories of the pipe organ's last round of restorations. Restorations are often accompanied by permanent minor damage to pipes, unfortunately. Johannes Hybrid offers a workaround for that problem. Your organ remains fully intact.

Updated liturgy

A third reason is that some churches use a liturgy that has developed over the years and now incorporates elements of song that no longer work as well with the original organ, causing a mismatch with the current needs of the congregation. Perhaps new and relatively unfamiliar songs are being introduced. New melodies require a strong leading tune to guide the singers, and perhaps the organ is missing just that. In such cases, adding a number of digital stops and possibly a new console may offer a solution.

Lack of space in the organ case

The fourth reason is lack of sufficient space: new stops are needed, but the current organ case does not have enough room to accommodate extra pipes. Not a problem if you add digital stops, since they don't take up as much space!

Shrinking budget

The last reason is budgetary in nature. In some churches, the budget for organ maintenance and repairs has been shrinking steadily in recent years. But an outdated console or an organ that fails to carry to every corner of the room demand a solution. That solution is Johannes Hybrid. Offering relatively appealing rates, Johannes Hybrid Organ Solutions helps you achieve significant savings on purchase and maintenance.

Johannus

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