

3 Major Benefits of Direct Streaming Technology

RODGERS®
EXPERIENCE ELEVATED

Organ starts up in seconds and all voices are available in real time



No Delay

Instantly play long samples per key, per stop



No Borrowing or Duplicating

Long term reliability with industry grade hardware



Long Life for Investment

Standard in both

I M A G I N E

S E R I E S

inSpire
SERIES

Our Direct Streaming technology revolutionizes the field of digital and hybrid organs. It enables organists to play thousands of long-looped samples of pipes. Recorded per key, per stop – using state-of-the-art recording equipment. The Direct Streaming technology ensures extremely fast startup times, instantly available voices, and long-term reliability.

The Beating Heart of a Rodgers: Our Direct Streaming Technology

The True Sound of Iconic Pipe Organs

At Rodgers, we truly understand the American pipe organ. During our 60+ year history, we built our own pipes, and successfully pioneered digital and hybrid organs.

Over the years, we've recorded countless renowned pipe organs using our state-of-the-art recording equipment. All these beautiful organs were recorded stop by stop, key by key – ensuring that the character of each pipe is truly captured. Thousands of top-quality, long-looped samples of Aeolian Skinner and renowned European organ builders are stored inside each Rodgers organ. With each key you press, the organ reproduces the beautiful sound of an iconic pipe organ. No borrowings, no duplications.

Thousands and Thousands of Pipes

To paint a picture of the possibilities of a Rodgers organ: If an Imagine Series 351 organ were to be a pipe organ – it would feature close to 20,000 pipes! That's at least one pipe for every key on every stop, with some stops playing up to 6 or more pipes per key!

Storing long-looped samples of so many pipes inside a digital organ requires an enormous amount of memory space. It used to be that the capacities of storing data were quite limited by the technology available. That's why past digital organs that utilized real pipe recordings used less samples, and the samples that were used were much shorter. Since the capacities of permanent memory grew, more and larger samples can now be stored.

However, a digital organ needs to be able to process all this data in order to work...

Most digital systems process the data by reading all the data first, and then copy it into the working memory. Reading, processing, and activating large amounts of data takes a lot of time, resulting in long start-up times.

Our Direct Streaming technology improves the speed of processing. Instead of reading and copying all data into a working memory, it plays (streams) samples directly from the huge permanent memory, in real-time. Without delay, and without interruptions. It shortens the time needed to start the organ, reducing it to just a couple of seconds, while having best-quality, long-looped samples per key, per stop, immediately available.

Long Term Reliability

Our Direct Streaming technology was developed by our in-house engineering team. Both software and hardware were designed to work together seamlessly, and all storage components are industry level. All of this ensures an extremely stable technology, and a longer lifetime compared to consumer electronics.