

# SOUNDVISIONINSTALL SVI

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## CINEMA SPECIAL

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SUPERIOR SURROUND SOUND,  
PROJECTOR PERFECTION – IT'S  
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## THE HITS FROM HTS

THE CREAM OF THE TECH  
CROP FROM INVISION'S  
SHOW-STOPPING SHOWCASE



## ORIGIN STORY

WHEN IT COMES TO INNOVATIVE AUDIO, THERE'S A NEW NAME  
IN TOWN: WELCOME TO ORIGIN ACOUSTICS...



# THE ORIGIN STORY

For those seeking innovative audio, it's time to turn your attention to the superior sounds of Origin Acoustics. Here's why...

Three decades ago Ken Humphreys and Ed Haase were two 20 year old audio enthusiasts who wanted to solve the problem that box speakers created room clutter. The result was the invention of the in-wall speaker. The first audio system that moved the speakers off the floor and into the wall while maintaining the performance music lovers had come to demand.

This revolutionary idea combined musical accuracy and a virtually invisible visual aesthetic that has forever changed the world of high-quality sound throughout the home. This one invention became the birth of an entire industry. One that would find itself delivering home theatres and music systems discreetly secreted away in some of the most prestigious residences in the world. Ken and Ed became the largest OEM manufacturer in the world of in-wall and in-ceiling architectural speakers producing them for Sonance, JBL, Bang & Olufsen, SpeakerCraft, Niles Audio and many others.

Ken eventually retired in 1988 and Jeremy Burkhardt joined the company in 1990 to co-create and introduce the SpeakerCraft brand to the world. This brand set a new standard for what could be expected from speakers that virtually disappear into the room décor. SpeakerCraft became one of the most innovative and largest manufacturers of architectural speakers and electronics in the audio industry over the next quarter century.

## ABOVE & BEYOND

In 2012, Jeremy Burkhardt also retired from SpeakerCraft and went on sabbatical for a few years; but it did not take long for him to become bored with golfing, skydiving, and travelling the world. Industry colleagues and friends continued to share with him the unfilled void where the innovation of his career and passion once rested. Burkhardt realised that his life and happiness was incomplete without the ability to bring his ideas to fruition and connect with the industry he was responsible for incubating. Moreover, he missed the kinship that came along with having great partners and friends in business. These sentiments are what fuelled him to call a meeting between himself and the other two former CEO's of SpeakerCraft.



When the three of them got together to form Origin Acoustics, they had the unique opportunity to start from scratch. There were no boundaries of legacy product constraints in the creative process. This allowed them to fully take a step back and look deeply into what could be made better with architectural loudspeakers. This special team with an aggregate of over 100 years of experience had come together as 'the originals' in the industry to focus solely on creating the best sounding loudspeakers.

One of the first opportunities that the team looked at was the traditional mounting system for in-ceiling speakers. "How can we make it better?" they simply asked. The dog legs used in nearly all architectural speakers seemed to take up an unnecessary amount of space, limiting the surface area of the woofer cone. The laws of physics limited how far you could push the frequency range and power of an in-ceiling speaker without creating a manhole that consumers found unsightly. The process of climbing up a ladder with a power drill seemed like a hassle for installers. Hence the idea of the tool-less ZipClip® Mounting System was born.

Origin's game-changing Director Collection utilises this new technology in which clips are zipped down four sturdy zip-tie structures on the edges of a bayonet ring. The speaker can simply be twisted and locked into place after this ring is set in the ceiling. Installation is a 'zip' with this system. No longer are tools necessary for an installer. This space-saver enables Origin Director speakers to carry a performance edge by allowing 10-inch slot-loaded woofer cones to be embedded into a typical 8-inch hole. The frequency range obtainable by Director speakers is significantly expanded to allow for more powerful bass; more bass can be produced with less space.





## BEING DIRECT

Another advancement opportunity looked at in the initial design process by the Origin Acoustics founders was the capability of providing wider sound dispersion. Sure, products pivoted and could be pointed to listening areas, but could they provide even more coverage? Most swivelling speakers seemed to only bring out the high ranges, neglecting the mid ranges in providing directional sound. "How can we make it better?" the team simply asked again. Accordingly, the idea of a pivoting woofer brought closer to the front-edge of the speaker and the patented Dual Plane Stabilized Diaphragm (DPSD®) technology was brought to life.

Many of Origin Acoustic's products utilise pivoting woofers that sit closer to listeners in order to achieve sound dispersion that is nearly twice as wide as typical in-ceiling speakers. No longer does directional sound only consist of sharp treble frequencies.

The DPSD tweeter is odd at first glance, because it has been dented or 'pinned'. This unique invention empowers the tweeter to be crossed over at a lower frequency range that is up to an octave lower than standard tweeters. The result of these two developments is remarkably smoother and fuller mid- to high-range projections that can be directed toward a wider audience of listeners. When you hear an Origin speaker with these technologies, you are completely immersed in unrivalled sound.

This same innovative energy has been channelled forth into addressing the needs for an in-ceiling speaker that can fit into tight interstitial spaces. Once again, Origin has battled with the laws of physics to create a smaller loudspeaker without sacrificing perfect sound. The ThinFit® collection was birthed to package high performance sound in a small protective enclosure.

## SLIM SOUNDS

Origin's innovative fire has produced in-ceiling speakers with exceptional sound that are a mere 70mm in depth. Dual 88mm woofers and dual 88mm mid-woofers surround a 20mm tweeter in the TF34 and TF36. The TF34 features Injection Molded Graphite (IMG) woofers and mid-woofers with an aluminium tweeter. The TF36 steps up to Glass Fibre woofers and a silk-dome tweeter. Both are mounted on an injection-moulded baffle that integrates into the steel back-can creating a ported enclosure. The TF64DT features a 17cm dual voice-coil, IMG woofer and two 20mm aluminium tweeters. These are also mounted on an injection-moulded baffle, which attaches to a steel back-can creating a sealed enclosure. The dual-tweeter design allows both left and right channels to be produced from a single

speaker. All three models use the same bezel-less magnetic grille assembly found on the Director D80 series. The acoustic dampening enclosures are fully integrated with the woofers to create a superior sonic result. Enclosures in the ThinFit Collection also cut down on room-to-room sound transfer by up to 9dB.

## SOUND IDEAS

When you buy a product from Origin, you're getting something special. Each top-notch piece of that goes into an Origin Acoustics loudspeaker is individually selected with the end goal of sonic perfection. This is a tribal collective passionately focused on smashing the standards in architectural audio in order to reinvent the category. A loud future is on the horizon.

The ThinFit Collection is now shipping internationally and will be launched in the UK at The Essential Install Show Live in June.

[www.originacoustics.com](http://www.originacoustics.com)

