



ORIGIN
ACOUSTICS

1976

Invented the first architectural loudspeaker

1984 – 1994

Designed and manufactured in-wall speakers for Polk, JBL, Sonance, Niles and Bang & Olufsen

1994

Introduced SpeakerCraft as its own brand

1997

Patented the first “aimable” loudspeaker for in-ceiling installation

2008

Patented first pivoting in-wall speaker

2014

Introduced two new tool-less mounting systems and a full line of ceiling speakers designed to reduce the visible footprint, allowing 8” speakers to be used where previously only 6” speakers could be installed

THE

The members of the team at Origin Acoustics are responsible for many of the most important developments in the custom installation industry. These are historical firsts that changed the face of audio in the home and enhanced the entertainment experience for millions.

ORIGINAL

Our life is music and sound. This is our purpose, our energy, our motivation to march forward in the world. In 1976 we invented the in-wall speaker, because our family and friends yearned to experience high performance audio just the way the musical artist intended, in the comfort of their own home. Nearly four decades, numerous awards and 1000's of products later...we are not finished. Our goal? To produce the best sounding loudspeakers you can own. Because of your support and demand for what we do, we will not stop until this is achieved. For this sole purpose we have reunited the best talent in the industry. This is our art, creating and sharing the perfect sounding loudspeaker. It is our life. When all others say, "it can't be done", we continue to innovate. We have created tomorrow's trends and are delivering them today. We are the artists of sound. We are **Origin Acoustics**.

- Jeremy Burkhardt, CEO



BRINGT



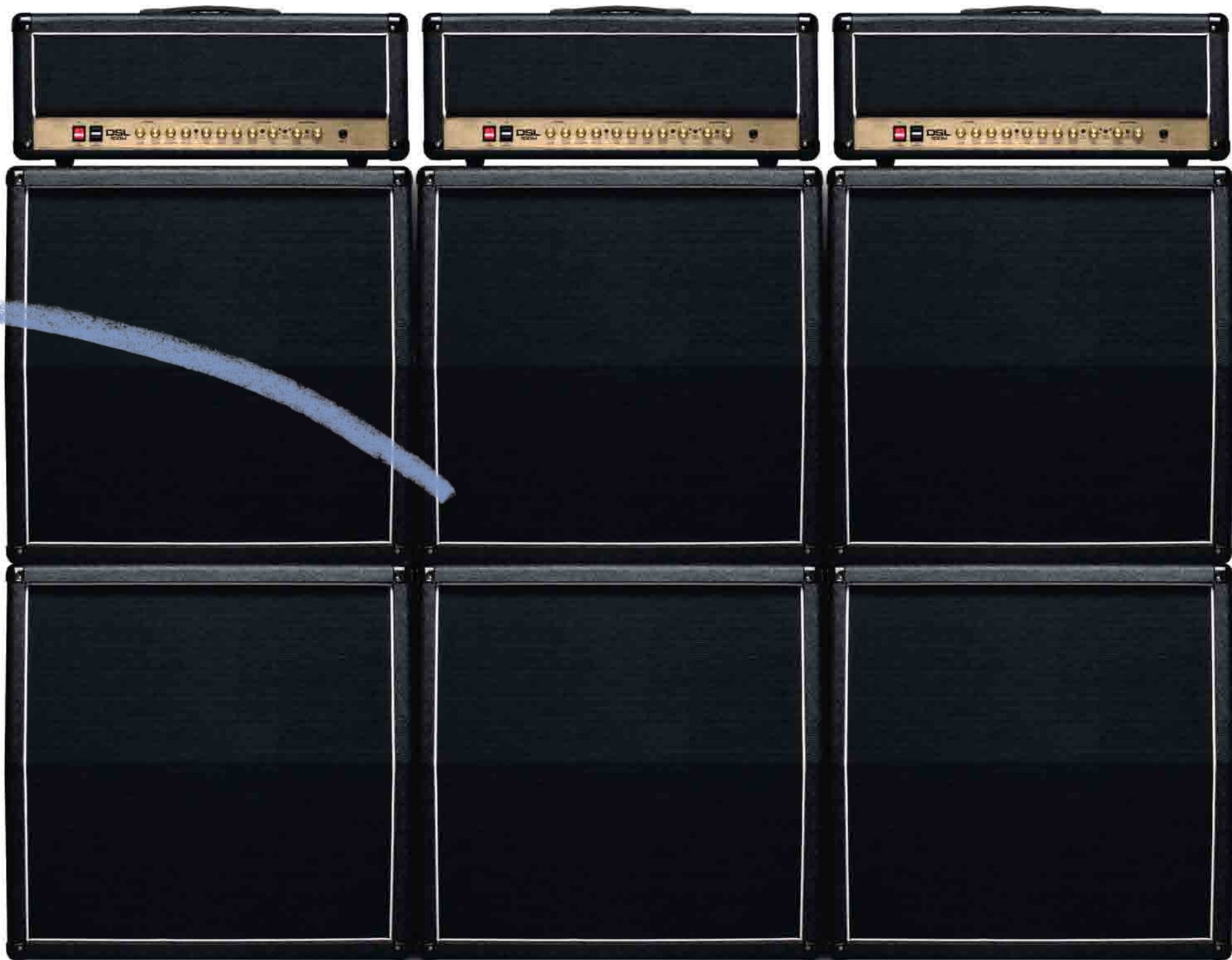
THE SHOW





MORE BASS LESS SPACE

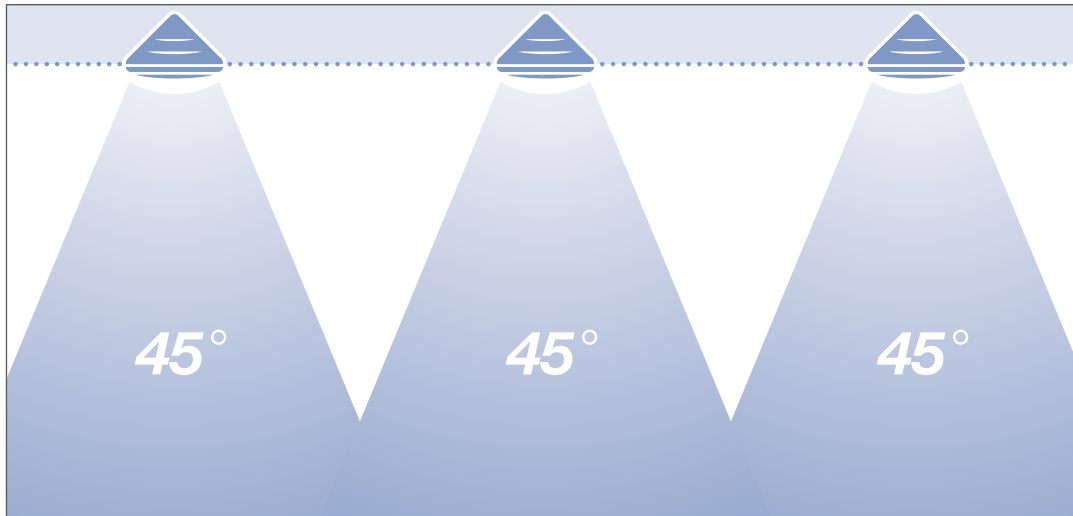
Creating deep dynamic bass requires moving lots of air. This means bigger drivers and typically bigger enclosures. The Origin team has developed a new design that allows us to fit an **8-inch woofer** into a typical **6-inch cut-out**. Even more impressive we are able to fit a **10-inch woofer** into a typical **8-inch cut-out**. What does this mean? It's **more bass in less space**. The footprint in the ceiling is smaller and less obtrusive, but the sound they deliver must be heard to be believed.





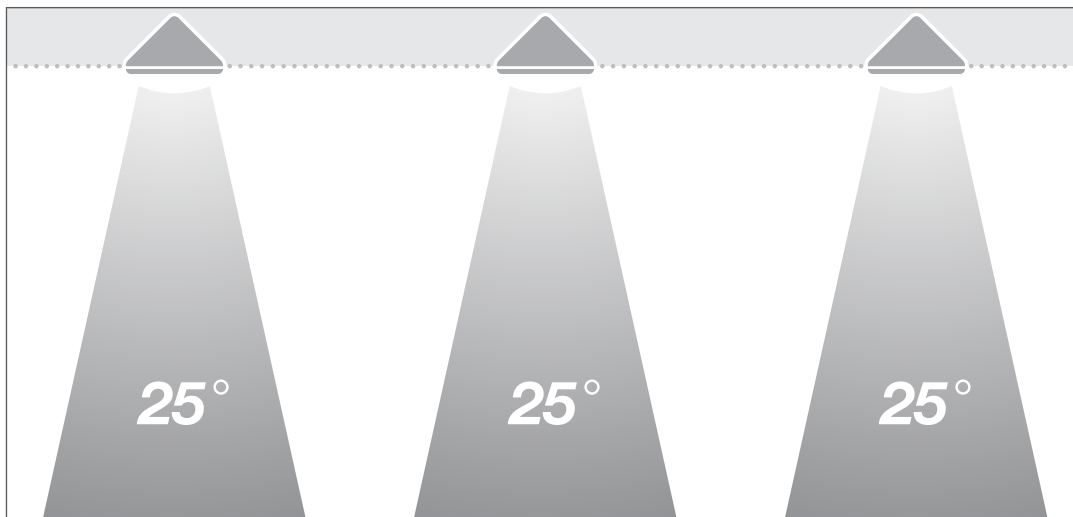
DIRECTIONAL SOUND + NEARLY 2X THE DISPERSION

One of the greatest benefits of the **Director Collection** (patent pending) is its incredible dispersion. The pattern of sound is wider than any other ceiling speaker on the market. This means better coverage and greater flexibility in speaker placement. In addition, the speaker's unparalleled pivoting ability allows for the sound to be focused at the listening area regardless of where the speaker is positioned. These two elements are the final step in delivering incredible sound quality to the ear of the listener.

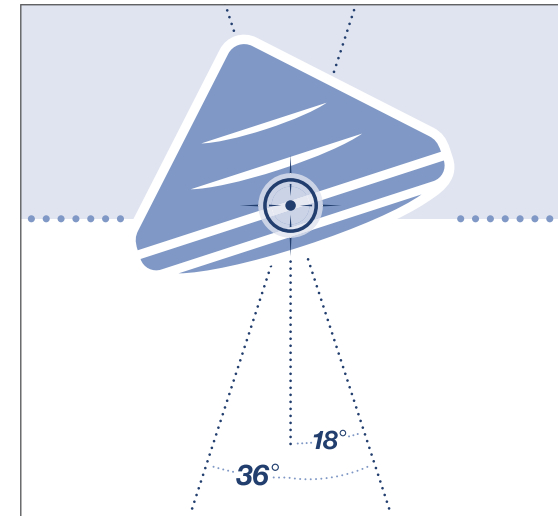


WIDE DISPERSION: Greater dispersion means more coverage from every speaker and it creates a much larger listening area in every room.

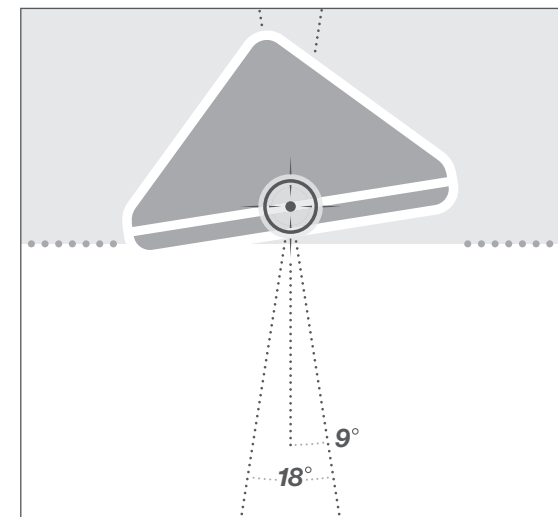
TYPICAL SPEAKER



LIMITED DISPERSION: A typical in-ceiling speaker's tight dispersion pattern creates a very limited listening area and requires a larger number of speakers to give adequate coverage in the living space.



PIVOTAL ACTIONS: A full 36° of pivot allows for incredible flexibility in speaker placement and the ability to focus the sound at the precise position for optimum sonic fidelity.



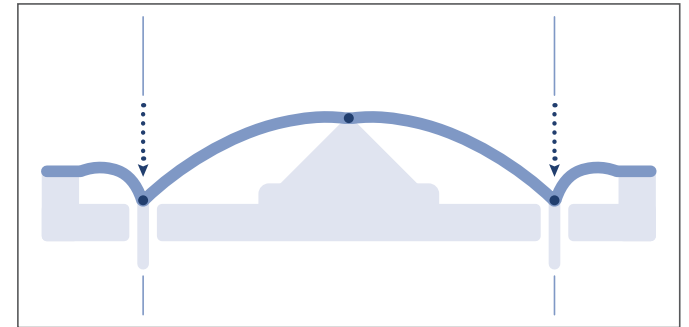
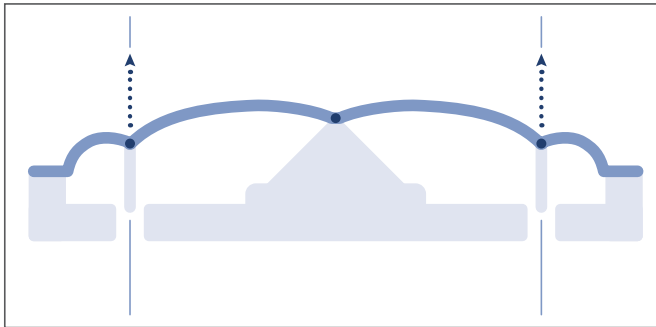
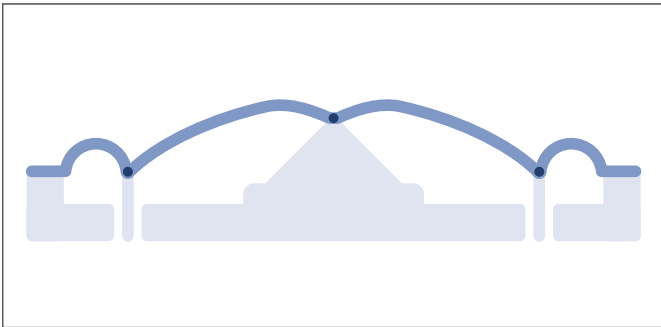
PIVOTAL POINT: Although some in-ceiling speakers can pivot, the angle they can achieve is so small it requires the speakers to be almost directly overhead.

EXPANDING OUR RANGE (DPSD)

Crystal clear high frequencies provide the nuances in a musical performance. Origin's patented **Dual Plane Stabilized Diaphragm** or **DPSD™** has an advanced suspension system that allows the tweeter to play louder, cleaner and with greater articulation, squeezing every last detail out of your recordings.

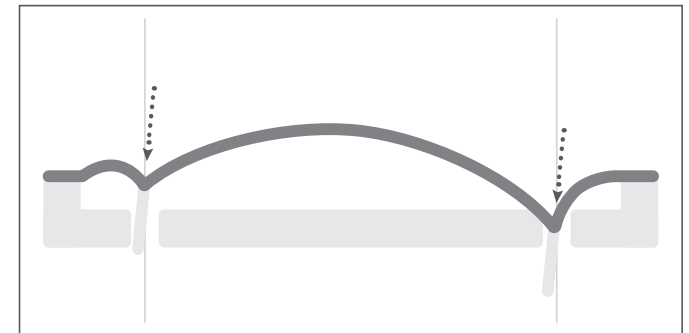
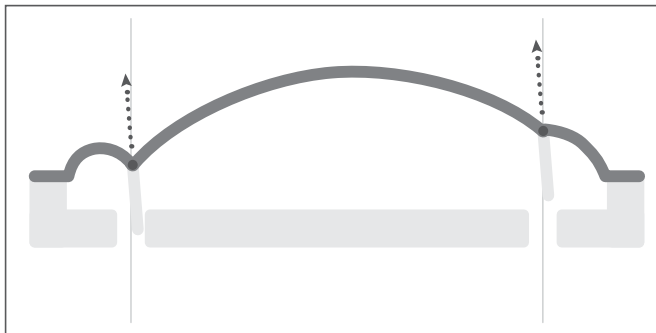
The **DPSD** also crosses over lower than a typical tweeter allowing the midrange or woofer to operate comfortably within its range. This is one of the critical elements that expand the speaker's dispersion.

ORIGIN ACOUSTICS



STABLE TRAVEL: The **DPSD** adds an additional attachment point at the peak of the dome. This stabilizes the diaphragm creating more linear travel and the ability to play both louder and lower.

TYPICAL SPEAKER



UNSTABLE TRAVEL: A typical dome tweeter is only suspended around the outside edge. This can lead to the dome “rocking” from side-to-side at lower frequencies and higher output levels.



A 3D cutaway diagram of a dome structure, likely a vehicle roof or a specialized container. The dome is shown in a cross-section, revealing its internal layers and the suspension system. The dome is attached to a base structure at two points: one at the outer edge and one at the peak. This dual suspension system is highlighted by two blue dotted lines that originate from a text box on the left and point to the attachment points. The base structure consists of several horizontal layers, with a central rectangular component. The overall design is sleek and modern, with a focus on structural integrity and performance.

DUAL SUSPENSION

The dome is attached at both the outside edge and at its peak to dramatically improve performance.

MORE BASS, LESS SPACE

The amount of air a driver can move is a function of its surface area and the length of its throw or excursion. Driving the lower frequencies in the **Director Collection** are impressive **8** and **10-inch** woofers that have **60%** more surface area than our competitors' comparable counterparts. However, our engineers have been able to fit these drivers into smaller baffles. The result is a much smaller footprint with incredible bass. The woofers are carefully crafted from Injection Molded Graphite, Glass Fiber or Kevlar® depending on the model.

 **ORIGIN ACOUSTICS**

TYPICAL SPEAKER



6" CUTOUT

One of the huge advantages of the **Director Collection** is the fact that our **8-inch** speaker fits into the same footprint as a typical **6-inch** speaker.

 **ORIGIN ACOUSTICS**

TYPICAL SPEAKER



8" CUTOUT

Taking that same design one step further, our **10-inch** speaker fits into the footprint of a typical **8-inch** speaker.

1 **Tri-Linear Configuration (TLC)**

The **Director Collection** features three drivers in a unique linear alignment. This three-way design allows for broader frequency response and superior power handling. The 3-inch midrange is made of woven Kevlar and the tweeter is our proprietary **DPSP** radiator.

2 **Director Technology**

The ability to point or “direct” the sound toward a specific area in the room is critical when the speakers are mounted in the ceiling. The **Director 80** and **100** series features a mid-tweeter assembly that can be adjusted to focus the sound toward the listening area regardless of the speaker’s position in the ceiling. This allows for the speakers to be used in many applications. One example is a home theater where the soundstage, relative to the screen, is crucial. The seating area can be off axis and still remain in the “sweet-spot.”

3 **Dual Plane Stabilized Diaphragm (DPSP™)**

A patented innovation that dramatically improves high-frequency performance, the **DPSP™** radiator uses a unique suspension design that maintains the tweeters alignment throughout a larger frequency range. The suspension is attached at both the voice-coil and the peak of the dome allowing the driver to be crossed over at a much lower frequency. This results in improved dispersion and decreased distortion.

4 **X-Wave™ Woofer Surround**

While in motion, frequencies between 700-1,400 Hz typically run up the cone of a woofer and are reflected back and forth from the center of the driver. This creates unwanted harmonic distortion. The **X-Wave** surround found in Origin woofers absorbs these frequencies reducing distortion and maintaining driver stability. This design also maximizes cone area by reducing the width of the surround.

5 **Progressive Suspension**

As the driver travels to the limits of its excursion, the suspension, made up of the spider and the surround, becomes more rigid, exerting more control on the movement of the cone. The result is increased, clean power output throughout the driver’s frequency range.

6 **Compression Molded Woofer Baskets**

Utilizing the latest techniques and materials in plastic fabrication, Origin is able to create basket designs with superior stability and acoustic neutrality. These baskets combine with the driver suspension to increase linearity and improve overall performance.

7 **Zip-Clip™ Mounting System**

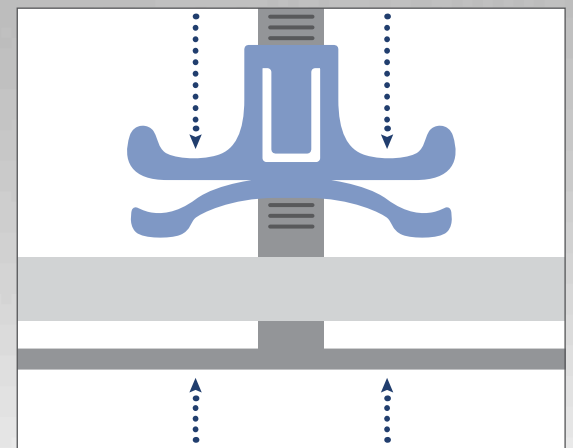
It is important when installing a loudspeaker in the ceiling that it be stable and secure, restricting the vibration of the assembly and limiting transfer of energy into the wall. The revolutionary **Zip-Clip** system spreads the weight of the speaker over a larger area than typical mounting systems accomplishing this result with minimal effort. Spring-loaded clips also create more uniform pressure against the drywall eliminating any warping or distortion of the speaker baffle.



INSTALLATION IS A ZIP

It is important when installing a loudspeaker in the ceiling that it be stable and secure, restricting the vibration of the assembly and limiting transfer of energy into the wall. The revolutionary **Zip-Clip™** (patent pending) system spreads the weight of the speaker over a larger area than typical mounting systems accomplishing this result with minimal effort. Spring-loaded clips also create more uniform pressure against the drywall eliminating any warping or distortion of the speaker baffle as well as eliminating any stress or cracking of the drywall.

The process requires no tools. A revolutionary design that incorporates a mounting ring that fits into the hole in the drywall and is then secured by four clips that are hand squeezed into place creating the optimum amount of torque to secure the speaker. The speaker assembly is then inserted into the mounting ring and twisted clockwise to lock it in place.

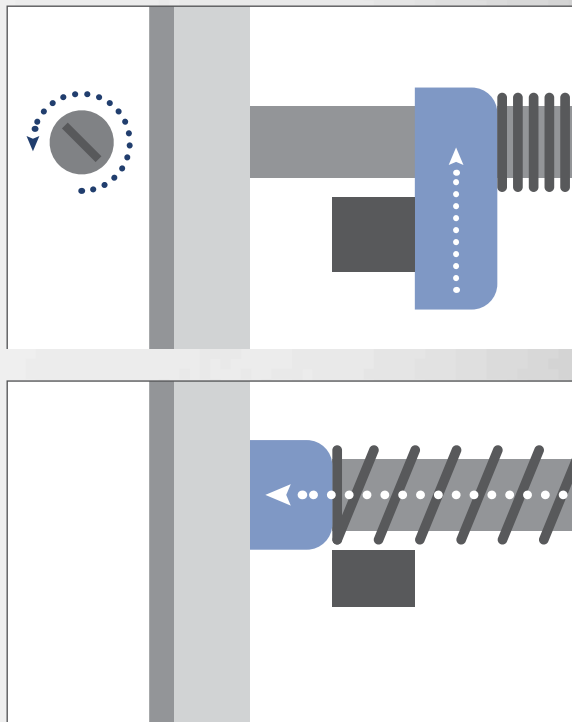


The **ZipClips** are squeezed into place by hand sandwiching the drywall between the outside flange and the clips inside the wall.

SPRING LOADED

Securely mounting the speaker inside the wall is a necessity for full fidelity performance. The unique **SpringLock™** (patent pending) mechanism in the **Composer Collection** clamps against the inside of the drywall creating uniform torque at each pressure point. This assures that the baffle will not warp and the integrity of the seal between the baffle and the drywall will remain constant.

No tools are required once the hole is cut. The speaker assembly is inserted into the wall and the **SpringLocks™** are activated by twisting the mechanism with a thumbnail (or a coin if necessary). The dogs inside the wall spring into place with the exact pressure required.



A quarter turn is all it takes for the spring-loaded mechanism to snap into place with exactly the right pressure to secure the speaker.





WHEN SPACE IS LIMITED...

Don't let construction restrictions stand in the way of your musical experience. Featuring sealed enclosures that are only 70mm deep, the ThinFit™ Collection allows in-ceiling speakers to be installed in even the tightest spaces.





The integrated powder coated steel back-can protects the loudspeaker's components and reduces sound transfer between rooms.



The multiple driver configuration in the TF34 and 36 is a perfect means of producing impressive sound quality from a very thin enclosure.



The patented DPSD tweeter is a critical factor in dramatically expanding the dispersion in the TF36.

THINFIT COLLECTION

SEASONS OUTDOOR COLLECTION

As outdoor audio has advanced from background to foreground music, performance expectations have substantially increased as well. The Seasons Collection presents major improvements in bass response and overall output level in both mounted versions as well as models dedicated to landscape installations.



Although a loudspeaker is much more than the sum of its individual parts, the quality of those parts is still a critical component in the speaker's design. Every single element of an Origin speaker is carefully chosen with one goal in mind, to create the most awe inspiring sonic impression possible.



The addition of dual passive radiators on the majority of the Seasons models creates much deeper bass response.



Durable, weather resistant enclosures mean years of listening enjoyment in the harshest environments.



Passive radiators on the bottom of the 60 series create more bass and a smoother transition to the subwoofer.



Both 8 ohm and multiple 70 V taps provide tremendous flexibility in system design and sound distribution throughout the entire environment.



Subwoofers in 8, 10 and 12-inch models reside underground with only a tuned port exposed above the surface.



SEASONS LANDSCAPE COLLECTION



DIRECTOR COLLECTION

Gracefully overcoming the challenges of placing a speaker overhead, the **Director Collection** sets the standard for in-ceiling sonic performance. Utilizing the finest materials and a unique pivoting assembly to direct the sound precisely where it is needed, these speakers become transparent points of sound in any room. Never before has this level of sound quality been available in an in-ceiling speaker.

FEATURES

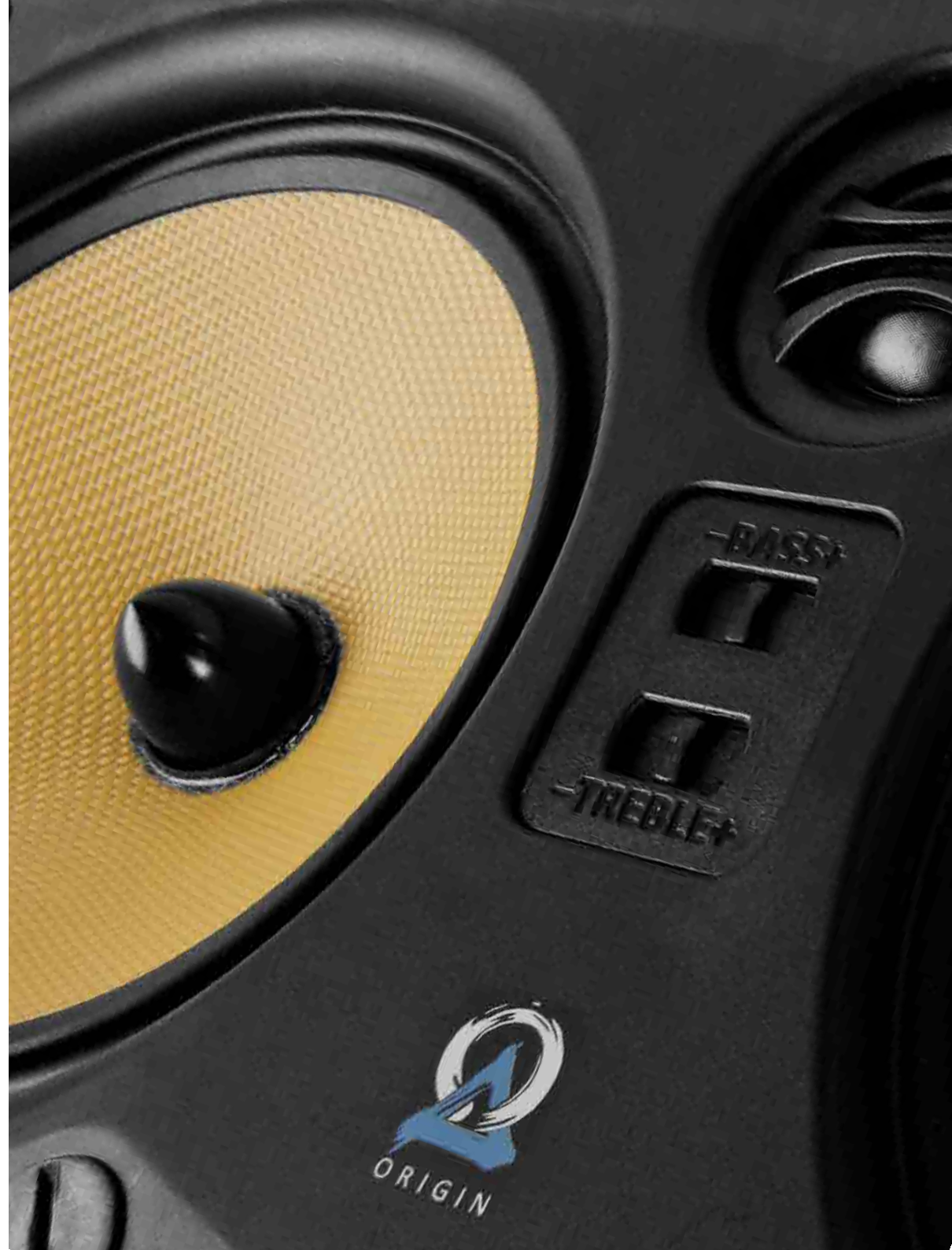
- More Bass, Less Space
- Three-way Designs
- FocalPoint™ Pivoting Mid/Tweeter Module
- IMG, Glass Fiber and Kevlar Woofers
- X-Wave™ Woofer Surround
- Progressive Suspension
- Aluminum and DPSD Tweeters
- Adjustable Equalization
- Compression Molded Baskets
- ZipClip™ Mounting System
- Magnetic Grille

COMPOSER COLLECTION

Re-imagining the in-wall speaker has been the passion of our engineers who had created the first of its kind decades ago. The **Composer Collection™** is the result of starting that process with a blank canvas. Innovative driver configurations combined with hours of critical listening and fine-tuning has resulted in this incredible offering that raises the bar on the entire category. The engineers at Origin utilized the “Golden Mean” an aspect ratio found in classic design, art and architecture. The result is a sleek aesthetic that blends with any interior.

FEATURES

- Three-way Designs
- IMG, Glass Fiber and Kevlar Woofers
- X-Wave™ Woofer Surround
- Progressive Suspension
- Aluminum and DPSD Tweeters
- Adjustable Equalization
- Compression Molded Baskets
- “Golden Mean” Aspect Ratio
- SpringLock™ Mounting System
- Magnetic Grille



DIRECTOR COLLECTION

6"



D62



D62 DT/SUR



D64



D66



D68

8"



D82



D82 DT/SUR



D84



D86



D88

10"



D104



D106



D108

Origin Acoustics offers loudspeakers in a wide variety of shapes, sizes and performance levels. There is a perfect speaker for every application both inside and outside the home.

PRODUCER COLLECTION

6"



P60



P60 DT



P61

8"



P80



P80 DT

COMPOSER COLLECTION TM



C62 C64 C66 C68



LCR64 LCR66 LCR68



LCR36 LCR38



SUB8



SUB10



SUB12

BASSIC SUBWOOFERS

THINFIT COLLECTION TM



TF34 TF36



TF64DT

4"



LS44

6"



LS64



LS64S

SEASONS LANDSCAPE

Single Speaker
Stereo

SEASONS COLLECTION TM

5"



OS54



OS54 DT



OS56

6"



OS64



OS64 DT



OS66



OSUB8

OSUB10

OSUB12

**LANDSCAPE
SUBWOOFERS**

