

Paradigm®

SFC12-SYS

Performance In-Wall
Subwoofer & Backbox

The Bass You Crave. The Integration You Demand.



In the pursuit of immersive audio and modern design harmony, today's listeners expect more than just sound—they expect a truly captivating experience. They want thunderous bass that elevates music, movies, and games without compromising the clean lines of contemporary living. Architectural audio has come a long way, offering discreet, innovative solutions that blend effortlessly into the home. But when it comes to bass—the emotional core of every soundtrack—compromise has long been the standard. Conventional in-wall subwoofers often fall short, delivering inconsistent, unpredictable results and underwhelming performance. The walls meant to hide them often limit their potential.

Until now. The Paradigm SFC12-SYS redefines what's possible, fusing uncompromising low-frequency performance with elegant, discrete integration. It's not just about saving space—it's about elevating sound. No trade-offs. No guesswork. Just the bass you've always wanted, precisely engineered and perfectly tuned for the spaces you live in.

Extruded aircraft-grade aluminum backbox chassis and diecast aluminum subwoofer baffle ensure rigidity for tighter bass and a secure, long-lasting durability.

Advanced Force-Canceling Driver Architecture and a proprietary isolation system work together to eliminate unwanted vibrations—preserving clarity, impact, and pure, uncolored sound at any volume.

Nickel-plated, spring-loaded binding posts feature a larger wire hole to accept higher-gauge wire.

Magnetically attached isolated grilles use neodymium magnets and isolation pucks to ensure a secure, yet decoupled installation—eliminating unwanted resonance and preserving acoustic transparency.

Made in Canada: Engineered, built, and tested at Paradigm HQ with decades of R&D, acoustic innovation, and real-world testing for consistent, reliable performance.

OTHER FEATURES

Specifications Sheet



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SFC12-SYS

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The Challenge: Why Typical In-Wall Bass Falls Short

Traditional in-wall subwoofers, while promising discretion, often fail to deliver a sonically predictable or satisfying experience. The structure of your home itself can become an acoustic variable. The issue? Inconsistent cavity volumes. The space between wall studs can “vary wildly,” turning the pursuit of consistent, high-fidelity low-frequency sound into an unwelcome gamble. The result is often bass that’s boomy, weak, or simply undefined—a far cry from the premium performance you expect.

This inconsistency is more than a technical shortfall; it’s a compromise on your investment in integrated, high-fidelity audio. Furthermore, conventional in-wall solutions can introduce unwanted vibrations, shaking walls and décor, and bleeding sound into adjacent rooms. You want bass that moves you emotionally, not one that moves your house.



Paradigm Engineering: Predictable Power, Purpose-Built.

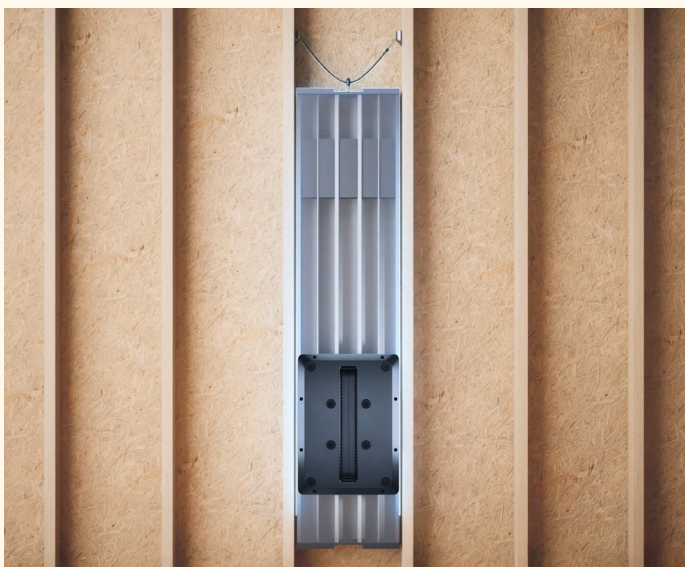
Paradigm, a leader in acoustic innovation, confronts these challenges head-on. The Paradigm SFC12-SYS is not just another in-wall subwoofer; it’s a purpose-engineered solution for new construction environments. Our philosophy is clear: Designed for the wall. Built for the job. Tuned for performance. For you, this means exceptional bass from within your walls—reliably, consistently, every single time.

The SFC12-SYS delivers bass that is predictable, repeatable and rock solid. Experience low frequencies exactly as the artist or director intended, with fidelity and impact that remain constant, regardless of your home’s architecture. This is bass built for the real world of architectural audio, ensuring your investment yields superior audio performance, seamlessly integrated from the ground up.



THE PARADIGM SFC12-SYS DIFFERENCE: UNCOMPROMISING BASS, SEAMLESSLY INTEGRATED

The Common Challenge (With Standard In-Wall Subwoofers)	The Paradigm SFC12-SYS Solution	Your Unrivaled Experience
Inconsistent, unpredictable bass (boomy or weak due to wall cavity variations).	Purpose-engineered Extruded Aluminum Backbox providing a dedicated, acoustically tuned enclosure.	Consistent bass response and precision, every time. Deep, accurate bass exactly as intended, regardless of wall structure.
Annoying wall vibrations, buzzing, and sound leakage into other rooms.	Advanced Force-Canceling Driver Architecture & Proprietary Vibration Isolation Mounting System.	Big impact. Zero buzz. All the power, none of the shake. Bass stays in your room.
Lack of sonic detail; distorted or colored bass, especially at higher volumes.	Dual Carbon-X Drivers with Super-Neodymium Motors & Patented Active Ridge Technology (ART™).	Thunderous, controlled bass with vanishing distortion and zero coloration. Hear every nuance.
Visible subwoofers clashing with interior design, or poorly integrated units.	Bezel-free, paintable magnetic grille.	Once it’s in, it disappears. Perfect aesthetic harmony with your décor.
Guesswork in achieving optimal performance and system reliability.	System-matched design for Paradigm X-500/SVX-1202 amplifiers; Crafted in Canada, quality and precision engineering.	Optimized, safe, and peak performance backed by a legacy of acoustic innovation and quality manufacturing.



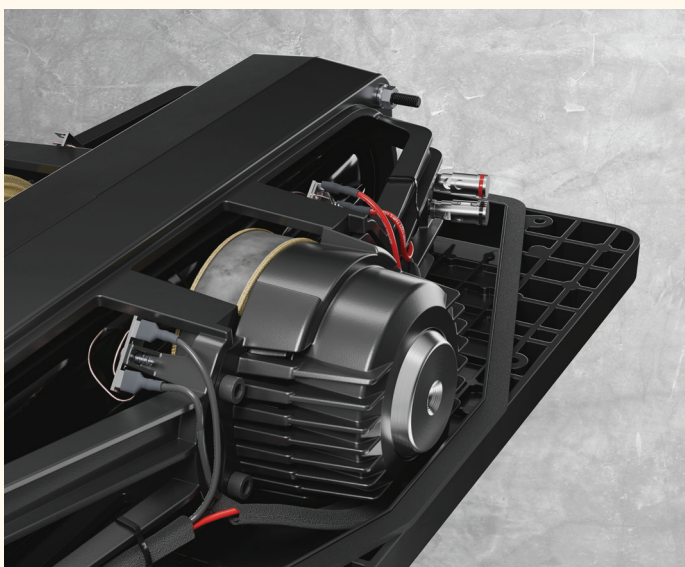
The Foundation of Flawless Sound: The Custom-Engineered Backbox

At the heart of the SFC12-SYS's performance is its secret weapon: the proprietary extruded aluminum backbox. This isn't just an enclosure; it's the foundation of consistent, high-impact bass. Where most in-wall subs rely on inconsistent cavity volume, the SFC12-SYS doesn't. The custom-engineered backbox provides a rigid, tuned enclosure that ensures performance remains consistent across installations. Think of it as the cabinet of a world-class freestanding loudspeaker—now built for your walls. This level of control, often missing in in-wall setups, is what professionals demand and what you'll appreciate.

The result? Consistent bass and precision—no compromises, no guesswork—just tight, powerful low frequencies that integrate seamlessly. Expect soundtracks and music to emerge with clarity, authority. This is a no-compromise approach to engineering.

Feel the Impact, Not the Shake: Force-Canceling & Vibration Isolation

Beyond consistency, managing unwanted vibrations is critical for powerful bass. The Paradigm SFC12-SYS employs a dual approach: advanced driver design and a specialized mounting system, ensuring the only thing moving you is sound. Central to this is Paradigm's acclaimed Force-Canceling Driver Architecture. The system features dual 3.75"×15.35" (95mm x 390mm) Carbon-X drivers, configured to operate in opposition. The immense forces cancel out within the enclosure—not in your walls. Perfected in our Signature Sub, Persona Sub, and flagship Persona 9H, this brings audiophile-grade engineering to architectural audio. A proprietary isolation mounting system prevents vibrations transferring into the structure. This engineering keeps bass in the room—not the walls. The outcome: Big impact. Zero buzz. Enjoy the visceral thrill of deep, authoritative bass without rattling walls or disturbing your household.



Sonic Purity, Undistorted Reality: The Heart of the Performance

With unwanted energy controlled, the Dual Carbon-X Drivers perform at their best. Carbon-X, prized for its lightness, rigidity, and damping properties, ensures accurate, articulate bass. These cones are driven by oversized neodymium motors and benefit from Paradigm's patented Active Ridge Technology (ART) surrounds. This provides magnetic force for control, faster transients, and reduced distortion. ART surrounds enable longer excursion, moving more air for deeper bass and higher output.

The synergy of these elements delivers thunderous, controlled bass with vanishing distortion and no coloration—even at reference volumes. This isn't just loud bass; it's clean, detailed, and true to the recording. From cinematic explosions to orchestral crescendos, the SFC12-SYS delivers clarity, depth, and impact that defy its form factor—setting a benchmark for in-wall bass.

The Paradigm Standard: Engineered for Excellence, Built for Life.

The performance and aesthetic finesse of the SFC12-SYS are underpinned by Paradigm's commitment to quality. Crafted in Canada: Engineered, Built, and Tested at Paradigm HQ signifies our dedication. Every system benefits from decades of R&D, a legacy of acoustic innovation, and rigorous real-world testing to ensure reliable, consistent performance on every job site.

You receive a product built with precision craftsmanship and engineered components, delivering the quality and durability professionals expect – and that you deserve. To unlock its full potential, the SFC12-SYS is designed to work with Paradigm's X-500 or SVX-1202 amplifiers for optimized DSP, safe operation, and peak output. This system-matched approach guarantees optimal performance and protects your investment; using a third-party amplifier is not recommended and will void the warranty.



Heard, Not Seen: Bass That Blends Beautifully

While acoustic performance is paramount, Paradigm understands that aesthetic integration is equally important. The goal: to be heard, not seen. The SFC12-SYS achieves this with elegance. Once it's in, it disappears. A bezel-free low-profile grille mounts magnetically for easy service and blends into any space. With no visible frame, the grille sits virtually flush.

It's also paintable to match walls or trim for full design flexibility. Achieve visual harmony with any décor, making the subwoofer an integral part of your room's architecture. This is the marriage of audiophile-grade sound and designer approval—high-end audio made accessible to those who expect both performance and

Redefine Your Audio Landscape: The Paradigm SFC12-SYS Awaits.

The Paradigm SFC12-SYS is a definitive statement in architectural audio, offering an uncompromised combination of consistent, high-impact bass that integrates seamlessly into any environment.

Imagine transforming your home listening experience. Feel the visceral thrill of cinema, the profound depth of music, the immersive power of gaming—all delivered with clarity and impact from a completely unseen source. The SFC12-SYS is more than an upgrade; it's a transformation.

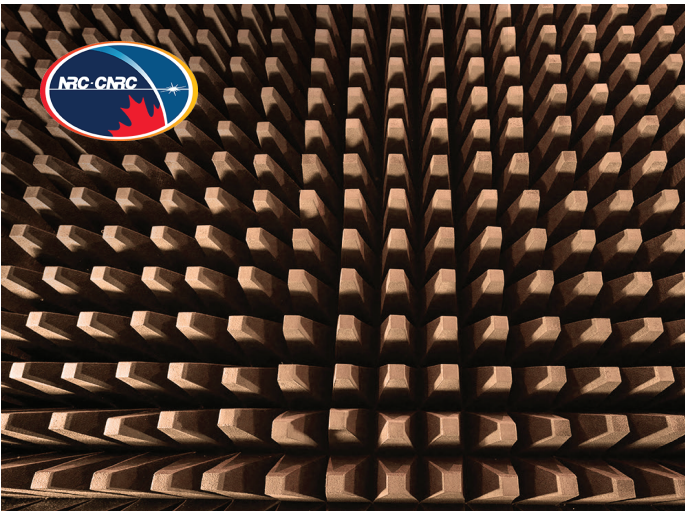
Consult with a Paradigm dealer. Discover how the SFC12-SYS can be seamlessly integrated into your plans, laying the foundation for an unparalleled audio experience. This is the new benchmark for in-wall bass. This is in-wall bass, perfected. This is the Paradigm SFC12-SYS.





Experience Ultimate Performance with the Paradigm Amplifiers

Enhance your sound system with the SFC12-SYS in-wall subwoofer and Paradigm amplifiers. Compatible with the SVX-1202 and X-500, it delivers deep, precise bass without taking up valuable floor space. Pair one SFC12-SYS with the X-500, or connect two to the SVX-1202 for greater impact and powerful, immersive sound. Perfect for home theater and music enthusiasts seeking high performance and space-saving design.



Partnered with the NRC

Paradigm is partnered with Canada’s world-renowned NRC in ongoing research to reveal the true nature of sound and human hearing. Findings influence design and performance specs, resulting in a uniquely realistic listening experience, backed by sound science.

TECHNICAL SPECIFICATIONS

SFC12-SYS	
DESIGN	Housed in a custom-engineered extruded aluminum backbox, the SFC12-SYS features dual 3.75" (95mm) x 15.35" (390-mm) Carbon-X high-excursion drivers with superneodymium magnets and patented ART surrounds in a vibration-canceling configuration.
LOW FREQUENCY DRIVER	Dual 3.75" (95mm) x 15.35" (390mm) Carbon-X high-excursion drivers with FEA-optimized super-neodymium magnets with 1" (25mm) 6-layer voice coil, patented over-molded Active Ridge Technology (ART) surround.
FREQUENCY RESPONSE	20Hz - 150Hz
LOW FREQUENCY EXTENSION*†	17 Hz (DIN)
RECOMMENDED AMPLIFIERS	Paradigm X-500 and SVX-1202
MAXIMUM INPUT POWER‡	500W
MINIMUM MOUNTING DEPTH	Backbox depth: 3.43" (8.71cm) Note: A minimum drywall thickness of 1/2" is required for grille installation).
IMPEDANCE	Compatible with 8 ohm
WEIGHT	66lbs (29.9kg)
MOUNTING DIMENSIONS (h x w x d)§	61.57" x 14.66" x 3.93" (156.39cm x 37.23cm x (9.98cm)
FINISH	White, paintable



The SFC12-SYS Subwoofer is completely designed, engineered, and built at our state-of-the-art manufacturing facility just outside of Toronto, Canada. It’s made by people who love great audio (*just like you*). From the hand-chosen, specially engineered components and materials to the precise workmanship, the SFC12-SYS is truly hand-built for performance. We believe that building loudspeakers is an art, and it’s this deep-seated passion for crafting exceptional speakers that proudly defines our “Made in Canada” legacy.

All specifications are subject to change without notice. * DIN 45 500. Indicates -3 dB in a typical listening room. † When used with Paradigm SVX-1202 or X-500. ‡ With typical program source provided the amplifier clips no more than 10% of the time. § Includes grille and terminal posts.