

30 YEARS  
OF SONIC EXCELLENCE

**Paradigm<sup>®</sup>**

A sensory experience



# Paradigm Rated #1 for Twenty Two Years!



Only Paradigm has been rated #1 Best Price/Value by the distinguished publication *Inside Track*\* for more than twenty two years. We have also been awarded “#1 Overall” six times.

*\*An annual independent nationwide survey of consumer electronics specialist retailers and custom installers*

“Paradigm loudspeakers and the words ‘high value’ seem to go hand in hand—likely the result of the company carving out an enviable niche in the audioworld by designing, manufacturing, and selling relatively inexpensive speakers that offer quite an extraordinary level of performance.”

—Doug Schneider, SoundStage!



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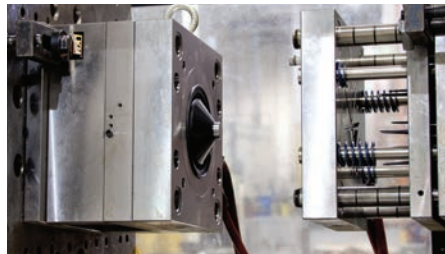
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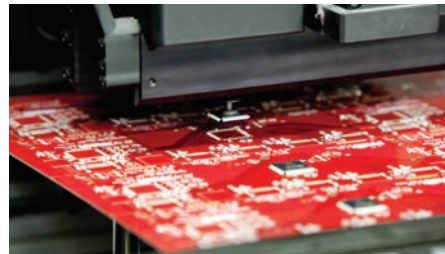
# About Paradigm's Performance and Value



Our 255,000 sq. ft. Toronto, Canada headquarters includes our manufacturing plant and one of two R&D facilities



Injection Molding



SMT Assembly



Lean Assembly Work Cells



Woodworking



36,000 cu ft. (more than 1 million liters)  
Anechoic Chamber

We are a Canadian company that has been designing and manufacturing loudspeakers and high-end audio/video electronics for over 30 years in our Toronto facility.

We have won hundreds of product awards at home and around the world and literally thousands of rave reviews have been written about Paradigm speakers and Anthem electronics.

Our 30 years of speaker design and manufacturing expertise began with our work with Canada's National Research Council. Today, we continue to remain focused on creating industry leading high-performance, high-value products.

Paradigm's vertically integrated platform allows us to manufacture a great many of our products and component parts in house.

# Lend us your ears

Tips to help you evaluate speakers:

- **Make side-by-side comparisons.** Our acoustic memory is short. It's hard to remember the sound of speaker "A" if you have to go to a different room to compare it to speaker "B."
- **Listen at equal volumes.** Even small variations in loudness can easily be mistaken for differences in sound quality.
- **Turn the video off.** Eliminating visual distraction will help you focus on sound, especially in a home-theater demonstration.
- **Listen for clarity.** Are the speakers clear, natural-sounding and intelligible with instruments and voice?
- **Listen for a "seamless" soundstage.** The speakers should present a broad, cohesive image of the original sound.
- **Listen to the bass.** Is it deep, tight and well-defined?
- **Sit up straight, then slouch.** If you hear distinct changes in sound quality the speakers may have a deficiency in their vertical dispersion.
- **Move around.** Good speakers disperse sound over a wide listening area. Move around the room to find out what people in different listening positions will hear.

When evaluating speakers don't let what you see influence what you hear. For example:

## Speaker Size

Is bigger better than smaller, or smaller better than bigger?

## Driver Size

Are bigger drive units better than smaller ones?

## Design Type

Which design type is better—bass reflex (ported) or acoustic-suspension (sealed)? Dynamic drivers or panels?

## Price

Are exorbitantly priced speakers better than more affordable speakers?

None of these factors is necessarily related to sound quality. When it comes to loudspeakers, what counts most is how they sound!

Following these tips will help you control the variables and compare "apples to apples." Take your time and trust your ears because after all, hearing is believing.

## Buyer Beware

When you're ready to purchase, remember, you're also buying many hours of listening enjoyment. Keep these things in mind:

### Check Them Out

Investigate the reputation of the brand name. Is it established and nationally advertised? What do reviewers say about the speakers?

### Great Deals That Aren't

Discounts can be deceptive, especially if the speakers have an inflated list price. Never buy poor-sounding speakers just because of a discount.

### Be Skeptical of "Design Breakthroughs"

All too often the latest "design breakthrough" is simply an old idea with a new name.

### Buy From A Specialty Retailer

Only specialty retailers have the expertise and the resources to demonstrate high-performance speakers and to assemble a music and movie system that will save you time, frustration and money.

# The role of surround and rear speakers in music and home theater

When it comes to home theater, although the size and quality of the video picture are important, it takes an accurate high-performance speaker system to really bring movies to life! And not just movies. Artists regularly release their work in multichannel formats. When recorded and engineered aesthetically, multichannel music accurately reproduces the full dimension of the original acoustic space with a realism that could never be achieved through conventional two-channel recordings.

Contrary to popular belief, movies and music do not require different types of speakers for accurate reproduction. In fact, all Paradigm speakers have the sonic precision and musical accuracy needed to reproduce music, movie dialog and even special effects cleanly and naturally.

Movie theaters use multiple arrays of surround/rear speakers to keep viewers from being distracted by the sound of any single speaker (Fig. 1).

Conventional forward-radiating speakers are not the best way to reproduce movie theater surround sound in your home. If they are loud enough for their sound to blend with the front speakers they draw attention to themselves. Turn them down so they don't distract you and they won't blend with the front speakers (Fig. 2).

So how can you hear all of the glorious surround sound you're supposed to? With Paradigm's bi-directional surround/rear speakers (Figs. 3, 4 & 5). Like movie theater speakers, bi-directional surrounds envelop you in sound without drawing your attention away from the movie you're watching. They add size and dimension to the soundstage and ensure a seamless transition when sound and effects move from front and center speakers to side and rear speakers. They're just as important for multichannel music. Because of their ability to create a large, non-localized soundfield, they contribute multidimensional realism to the reproduction of the original recording's acoustic space.

Their low-profile design and bi-directional technology also offer exceptional placement flexibility, an important element in today's multi-use living spaces where traditional surround/rear speaker placement may not be possible nor practical. The bi-directional technology is very forgiving in rooms in which physical dimensions, room characteristics and/or room configuration (or all of these) are not optimal for a typically positioned music and home theater surround setup.

Paradigm's low-profile bi-directional surround/rear speakers will turn your listening into a magical experience—they put the "theater" in home theater and make music sound "live"!

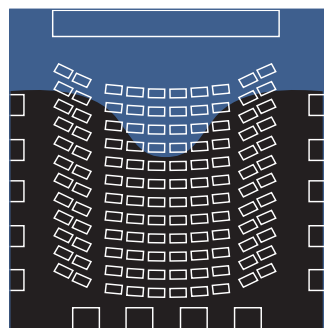


Fig. 1  
Movie Theater Surrounds

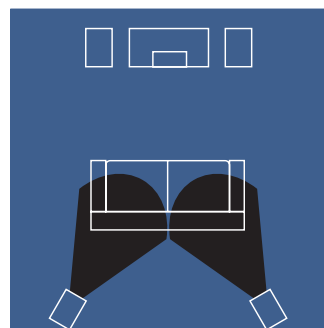


Fig. 2  
Low-profile bi-directional design

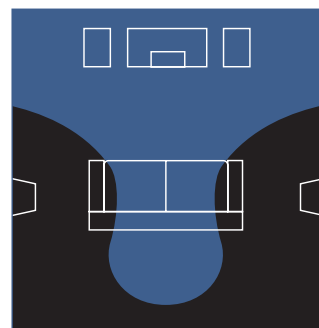


Fig. 3  
Low-profile bi-directional design for  
5.1 configuration

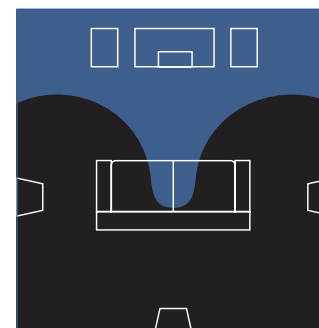


Fig. 4  
Low-profile bi-directional design  
for 6.1 configuration

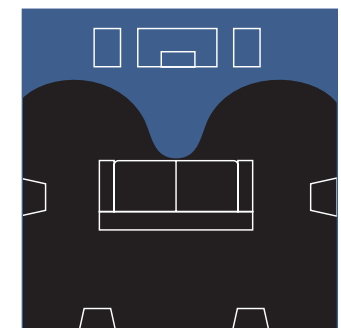
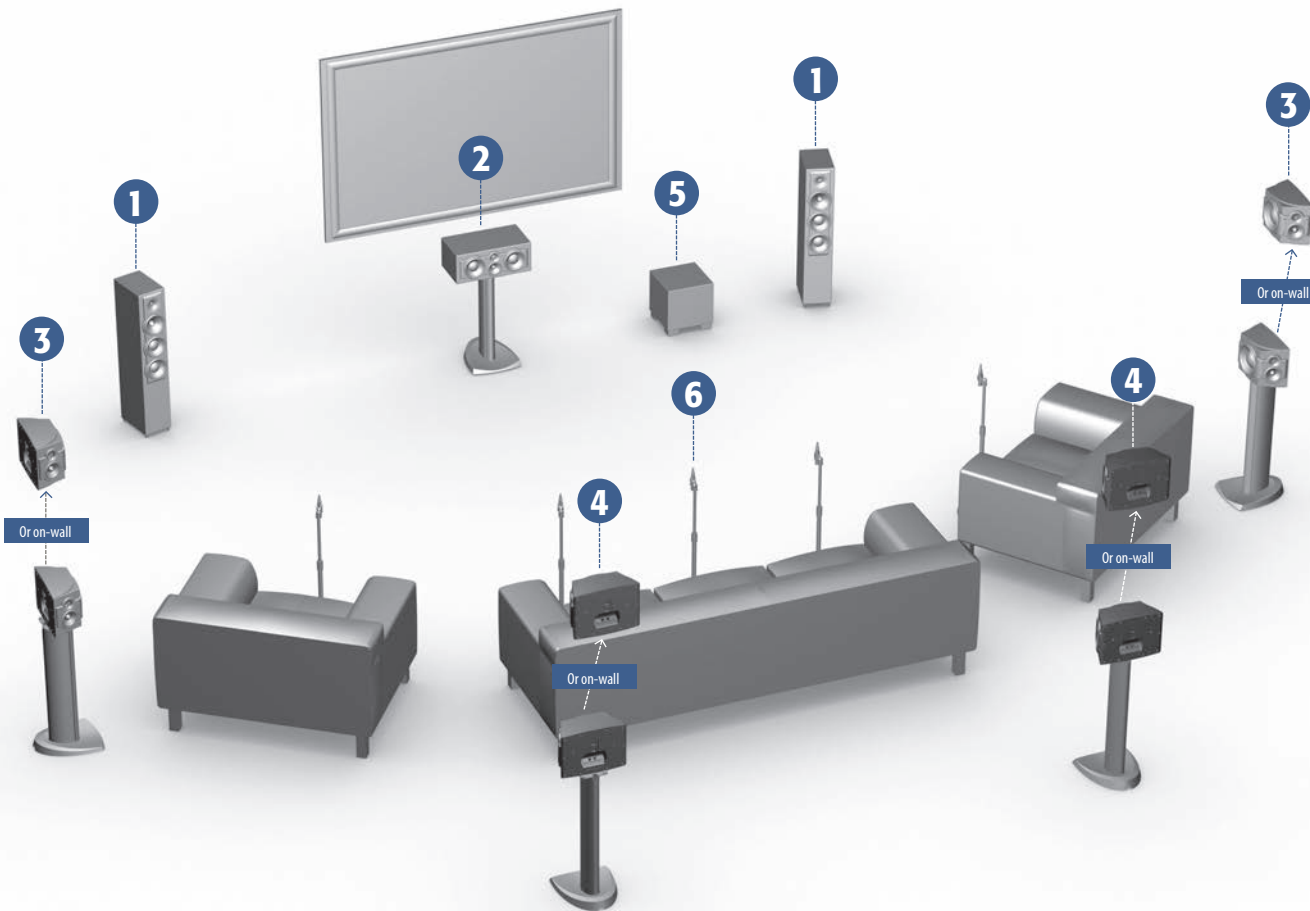


Fig. 5  
Low-profile bi-directional design for  
7.1 configuration



## The role of each speaker in music and home theater

**Front Speakers 1** reproduce dialog, sound effects and much of the music.

**Center Speaker 2** reproduces dialog, sound effects and music. It can be placed below or on top of a TV (or behind a perforated screen in a front-projection system).

**Surround Speakers 3** reproduce ambience and sound effects critical to the full dimension of multichannel music and movies.

**Rear Speakers 4** contribute dimensional size and realism.

**Subwoofer 5** handles deep bass, giving dynamic power to low-frequency effects in movies and the bass content in music.

**Paradigm Perfect Bass Kit™ 6** digital room correction system. Adjusts for the negative effects of the room on bass quality in a process that takes less than five minutes. Optional accessory. See your Dealer or visit [www.paradigm.com](http://www.paradigm.com) for more info.

# Paradigm.

A sensory experience.

Music and movies are a sensory experience and nothing delivers that experience quite like Paradigm speakers.

Stunning accuracy, a spacious soundstage, pinpoint localization, powerful, well-defined bass and thrilling dynamics are hallmarks of Paradigm's advanced speaker designs. For more than thirty years Paradigm has set the standard for sonic excellence in every product category we offer. Our focus on providing the best in performance and value means that we continue to push the boundaries of speaker design with each new generation of speakers.





An experience  
you can hear ...



Shown: Cinema 400

# Cinema™

*"... the first thing you can't help but notice is how incredibly dynamic they are — the sort of dynamics you just don't expect at this size and price ... try to find another speaker system in this class that sounds so yummy across such a wide volume range and you've got your work cut out for you."*

– Dennis Burger, *Residential Systems*



**Advanced Mineral-Filled Polypropylene Bass/Midrange Cones** with advanced suspensions and powerful ceramic/ferrite magnets. The additional mineral content stiffens cone composition. FEA-optimized suspensions promote vanishing low levels of distortion and superb output linearity! Better dynamics and deeper, louder bass output than is typical of speakers in this class.



**Advanced S-PAL™ Satin-Anodized Pure-Aluminum Domes.** Powerful neodymium magnets and ferro-fluid cooling for greater power handling! Highs are transparent with a superb sense of air and exceptional spaciousness.

**High-Frequency WaveGuide™** ensures a smooth, wide panorama of audiophile-quality sound.

**Wire Mesh Guard** protects the aluminum tweeter dome from physical damage.



Cinema 100

Cinema 200

Paradigm's Easy-Mount™ systems included for on-wall models. Table-top stands included with Cinema 100 and center stand included with Cinema 200, 400 and Trio.



Black Gloss

Sculpted acoustic suspension cabinets with contemporary curved profile in high-quality resin, finished in a high-gloss Black lacquer.

### When Size and Sound Matter

While it's true, there are tiny satellite speakers aided by small subwoofers that can be "hidden" in many living spaces, when it comes to great audiophile sound, these systems have never delivered. Award-winning Cinema speakers integrate beautifully, delivering a seamless music and home theater soundstage that brings movies to life and makes music sound "live."

### Cinema Trio ... Three Speakers in One

A slimline front left, right and center soundbar, the Cinema Trio is three speakers in one enclosure. Ideal on the wall or above/below a flat-panel television.

### Bigger Sizes for Bigger Rooms or Bigger Screens

Cinema 200 and Cinema 400 put Paradigm's industry-leading Performance and Value front and center! Designed for bigger rooms, their powerful drivers and high-efficiency design mean ultra-serious output levels for movies and music. Their slim styling is ideal for matching with plasma and LED displays.



Cinema Trio



Cinema 400



Shown: Cinema Sub

# Cinema™ Sub

*And then there's the Cinema Sub ... a coy little thing ... fills my mid-sized secondary listening room handily, and I'm not merely talking about loudness. This is the first sub of its size that I've had in this room in the history of ever that didn't leave me wanting for a second sub just to even the sound out a bit."*

– Dennis Burger, *Residential Systems*



**8" Reinforced Co-Polymer Polypropylene Composite Cone.** High-excursion capability but with effective control during that extended travel. 1-1/2" copper-clad aluminum wire voice coil. Powerful ceramic/ferrite magnet.



**Advanced High-Power Discrete Output Amplifier:** 300 watts Dynamic Peak Power / 100 watts RMS Sustained. Dual-ported design for more even and articulate bass response without boom or overhang.

**Control Facilities:**

- Auto On / Standby / Soft Clipping
- Subwoofer Cut-Off Frequency
- Sub/Sat Phase Alignment Switch (0° or 180°)

**Input Facilities:**

- Line-level Inputs



Cinema™ Sub



PRODUCT CONSUMES LESS THAN 0.5 WATTS IN STANDBY.

**Shown:** Gloss side up  
(alternative placement is with cloth side up, see left)

# Cinema™ 100 CT

System includes the Cinema Sub (see earlier page)

*"... the best 'Home Theater in a Box' speakers available in or around the \$1,000 range ... natural ... crisp ... clean ... sound was wide and deep ... rich and soulful ... exceptional timbral quality ... up to now the words 'quality' and 'Home Theater in a Box' haven't existed within the same sentence."*

– Murray G, game-boyz



## Cinema 100 CT

5 x Cinema 100 and 1 x Cinema SUB  
300 watts Dynamic Peak/100 watts RMS Sustained

## Beyond HTiB ...

Cinema Compact Theater. Five award-winning Cinema 100 speakers and a powerful matching Cinema SUB deliver Performance and Value like no conventional Home Theater in a Box (HTiB) system can!

Buyer beware. Conventional HTiB systems are all about price, not sound. Or even worse, expensive marketing hype and still not sound. Listen to one carefully! When it comes to sound quality, these systems cannot deliver!

On the other hand, Paradigm Cinema CT is all about performance. It delivers 5.1 audiophile-quality sound without sacrificing lifestyle size, good looks or a great price. Cinema CT is just as affordable as those inexpensive HTiB systems—but when it comes to performance, Cinema speakers leave conventional HTiB stuck in the box!

To meet your needs, budget, style and the space in your place, we've included a few more Cinema system suggestions ...



**Cinema 400 CT**  
3 x Cinema 400, 2 x Cinema 100 and 1 x Cinema Sub



**Cinema 200 CT**  
3 x Cinema 200, 2 x Cinema 100 and 1 x Cinema Sub



**Cinema Trio CT**  
1 x Cinema Trio, 2 x Cinema 100 and 1 x Cinema Sub







An experience  
you can  
see...

# Monitor Series 7

**Plays louder, plumbs deeper, look smarter, sounds better than anything in its class!**

Like all good architecture, good sonic architecture will stand up well over time. Paradigm's Monitor Series 7 is a classic example. Now in its seventh iteration, each new generation is an opportunity to tweak for acoustic perfection, including design innovations from our higher-priced reference lineups, reference-quality component parts, reference quality cabinets and even reference quality finishes!

Monitor Center 1 and Monitor Center 2 are timbre-matched with the rest of the Monitor Series 7 speakers to ensure superior performance. The low-profile, bi-directional nature of both Monitor Surround 1 and Monitor Surround 2 is application-friendly, designed to perfectly satisfy the unique demands of today's multi-use listening spaces.



**What was being said about the original Atom Monitor, way back when ...**

*"... nothing short of stunning."*

– The Perfect Vision, Robert Harley



Shown: Monitor 11 and Monitor Center 3 with Anthem electronics

**Here's what they said about the last generation ...**

*"I was awed ... absolutely superb ... big, bold, vibrant sound ... a masterpiece of modern day speaker design ... Paradigm has built its decades old reputation on delivering sound that many manufacturers can't match even at multiples of the price."*

– Doug Schneider, *GoodSound!*



Shown: Monitor 7, Atom Monitor, Monitor 11, Monitor 9, Mini Monitor

See what they're saying about the latest Monitor speakers below ...

*"Paradigm raises the performance/value bar to a new level with Montior Series 7 ... very very good ... ridiculously good for the price ... extended, smooth and accurate ... natural tonal balance ... serious bass extension ... playback levels that offered sternum-smacking kickdrum ... impressively clean dynamic range and transient punch ... tight, stable imaging in generous, well balanced measure ... unhesitatingly recommended."* –



Monitor Surround 1 and Monitor Surround 3

*"The Monitors catch the soaring, dreamy quality of the mix, thanks in part to surround imaging that is spectacular."*

– Chris Martens, *The Perfect Vision*

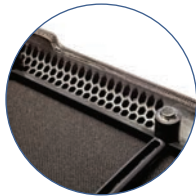
Monitor Center 1



**Advanced Carbon-Infused Injection-Molded Polypropylene Bass Cones.** The high mineral content and injection-molding have created a durable and rigid cone which affords us bragging rights for cone consistency and repeatability.



**S-PAL™ Satin-Anodized Pure-Aluminum Bass/Midrange Cones.** High stiffness-to-mass ratio and outstanding internal damping. The result? Remarkable midrange clarity, superb extended bass response and freedom from resonances and distortions.



**A Sonically Transparent Grille Design.** Self-aligning grille assemblies provide fit-like-a-glove contact. Hold the grille close to the baffle and presto, the powerful magnets "pull" the grille perfectly into place. Honeycomb architecture removes any opportunity for sound to lie captive in grille corners. A precision-engineered edge radius prevents the grille frame from inducing sound coloration.



**S-PAL™ Satin-Anodized Pure-Aluminum Dome Tweeters.** Ferro-fluid cooled and damped. Highs are soaring and spacious, crystal clear and undiluted even at the highest output. Wire mesh tweeter guard protects the aluminum dome. WaveGuide™ technology does a superb job of dispersing sound across a wide listening area.



Heritage Cherry Black Ash

See specifications page for available finishes for each model



**The Roman Plinth!** An aesthetically pleasing columnar look. Floorstanders sit on a plinth, a sleek and secure base that provides stability for the super-slim footprint.

Monitor Center 3





Shown: Monitor SUB 8



**Advanced High-Power Class-D™ Amplifiers** deliver massive amounts of high-current power with minimal distortion. 900 watts Dynamic Peak Power / 300 watts RMS Sustained.



**Forward-Firing Single Driver with Injection-Molded Polypropylene Cones and Overmolded NLC™ Non-Limiting Corrugated Santoprene Surrounds.** 1-1/2" 4-layer copper-clad aluminum wire voice coil, Nomex spider, FEA-optimized dual ceramic/ferrite magnets, AVS™ die-cast heatsink chassis.  
 Monitor SUB 8: 8" driver  
 Monitor SUB 10: 10" driver  
 Monitor SUB 12: 12" driver

# Monitor Series 7 Subwoofers



Optional Paradigm Perfect Bass Kit™ digital room correction system. Full details on page 33.

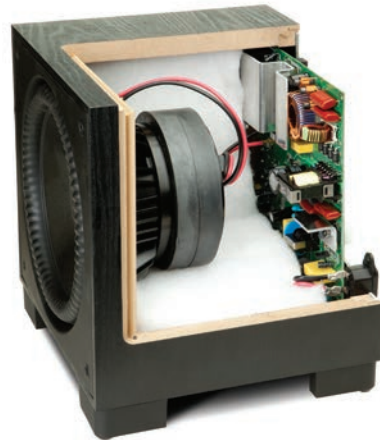


Optional PT-2 Wireless Transmitter. Full details on page 33.



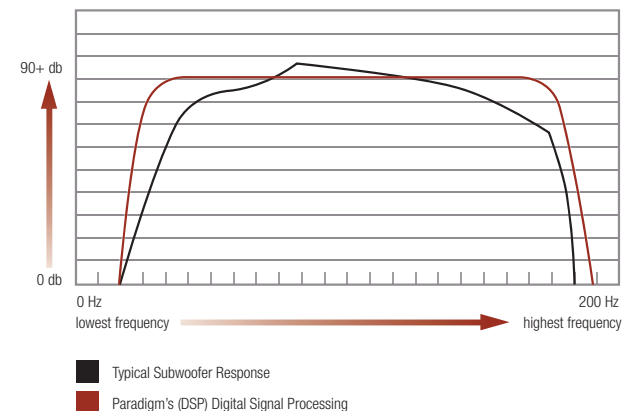
(Shown next to a DVD for size)

At less than a cubic foot, SUB 8 is our smallest subwoofer ever!



## Deep Space Bass!

Want out-of-this-world performance without giving up output and extension. With 900 watts peak power and 300 watts RMS Sustained, you've come to the right place, no matter the size of your space! Tiny house, giant house, bedroom, dorm room, apartment or condo, there's a Monitor sub for every situation. Trickle-down Paradigm Reference technology in the NLC™ Non-Limiting Corrugated Santoprene® surrounds help move huge volumes of air for bass so loud and so deep it will send the cat running for cover. State-of-the-art room tuning technology — don't worry about perfect placement, put the sub where it sounds best and let Paradigm's Perfect Bass Kit (*sold separately*) dial in perfect bass. Don't want unsightly wires hangin' around to spoil the view — go wireless with your Monitor Sub using Paradigm's PT-2 wireless transmitter (*sold separately*).

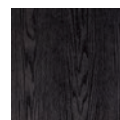


### Digital Signal Processing

Monitors the line current and voltage so that long-term average output power remains continuous. Sophisticated mathematical algorithms shape frequency response (see *graph*) ensuring accurate, consistent and musical bass without distortion even when the subs are pounding out bass at the highest levels.



PRODUCT CONSUMES LESS THAN 1 WATTS IN STANDBY.



Black Ash

### Control Facilities:

- Auto On/Off
- Subwoofer Level
- Subwoofer Cut-Off Frequency (continuously variable 50 Hz – 150 Hz); Bypass Option
- Sub/Sat Phase Alignment (Variable 0° to 180°)
- USB Port/PBK Interface
- Wireless option with PT-2 Transmitter (*sold separately*)

### Input Facilities:

- Line-Level Inputs

Monitor Sub 10

Monitor Sub 12

Monitor Sub 8







An experience  
that touches  
you ...



Shown: SE 3, SE Center and SE Sub with Anthem electronics

## Special Edition (SE) Series

*"... they don't just sound like far more expensive products, they also look like 'em ... mastered the frequency spectrum from top to bottom ... belongs on anyone's short list of affordable yet high-performing speakers."*

– Mark Fleischman, *Home Theater*



SE 3

*"Paradigm's SE 1 beats out boutique brand speakers costing eight times as much."*  
– CE Pro Magazine



**Advanced G-PAL™ Gold-Anodized Pure-Aluminum Domes** Exceptionally rigid low-mass domes with treated textile suspensions ensure remarkably uniform, instantaneous power response. Elevated dome position provides better 'air' and frequency response that is smooth, pure and clear.

**Die-Cast WaveGuide™ and Phase Alignment Bridge.** A smooth panorama of audiophile-quality sound.



**Advanced S-PAL™ Satin-Anodized Pure-Aluminum Midrange and Bass/Midrange Cones** with advanced Santoprene® rubber suspensions and powerful ceramic/ferrite magnets. FEA-optimized, elliptical shaped suspensions allow for inaudible levels of distortion with deeper and louder bass performance than is typical in speakers at this price range. Output linearity is simply superb!



**Mineral-Filled Co-Polymer Polypropylene Bass Cones** with oversized magnet structures are engineered for very high power. The high-stiffness design is intrinsically low in distortion, allowing the bass cone to respond instantly to the starts and stops of even the leading edge of changing bass notes.

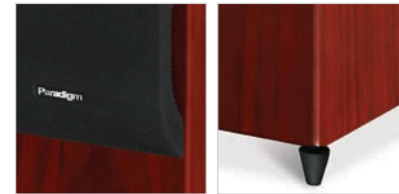
Not buying a new home or the car of your dreams right now? Staying home with friends and family—connecting and being entertained? When it comes to home entertainment, if you're looking for a well-priced mix of aesthetics and competitive performance, the Paradigm SE Series is the perfect choice. Designed and engineered to be a complete music and home theater solution!

**STYLE:** Soft edges and clean lines! Even the subwoofer has a compact 'easy-to-live-with' footprint.

**PERFORMANCE:** Combines award-winning technology from our Monitor Series and high-end 'Reference' Studio Series ... the best of both with the emphasis on affordable **Reference** quality

**QUALITY:** Real wood veneer cabinets at these prices? Unheard of. But we delivered!

**VALUE:** Paradigm® is the #1 Brand in affordable high-end performance and has been for 30 years.



**Real Wood Veneer Cabinets!** Soft edges and clean lines, even the sleek design of the soft rubber feet adds a touch of class and elegance. Grilles attach magnetically.



SE Center



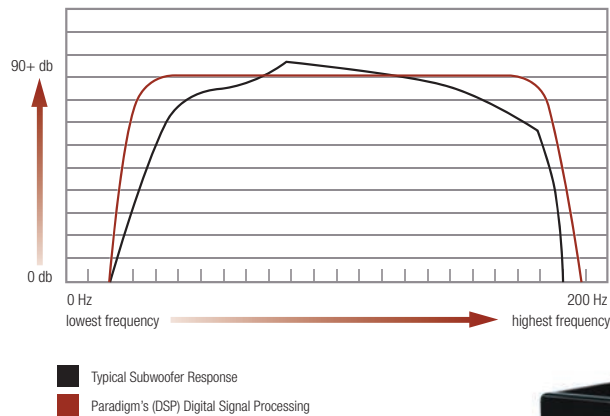
Rosenut Black Gloss



SE 1

## Deep Impact

The SE Sub is a continuation of Paradigm's multi-year R&D effort to achieve exceptional bass performance from a compact footprint. The sonic benefits of Paradigm's digital signal processing, real-wood veneer cabinets and an unbelievable price point ... what's not to love! Gorgeous aesthetics aside, not everyone wants a high-performance subwoofer on full display so the SE Sub easily converts easily from down-firing to front-firing for use in discreet installations (see far right).



Paradigm's Proprietary Digital Signal Processing (DSP) Design boasts sophisticated algorithms which "shape" frequency response, ensuring accurate, consistent and musical bass performance without audible distortion, even when the SE Sub is playing at its loudest levels (see graph above).



## Control Facilities:

- Auto On/Off
- Subwoofer Level
- Subwoofer Cut-Off Frequency (continuously variable 35 Hz – 150 Hz); Bypass Option
- Sub/Sat Phase Alignment (Continuously variable 0° – 180°)
- USB Port/PBK Interface

## Input Facilities:

- Line-level Input



**Advanced High-Power Class-D™ Amplifier** delivers massive amounts of high-current power with minimal distortion: 900 watts Dynamic Peak/300 watts RMS Sustained.



**Down or Forward-Firing Driver** boasts **Advanced CAP™ Carbon/Aramid-Fiber Polypropylene Cone**. Advanced cone material combines exceptional stiffness and low mass with excellent internal damping for tremendous freedom from unwanted resonances.

**Advanced Long-Travel Suspension including Nomex® Spider and Oversize Magnet Structure** promote extended cone excursion while also maintaining superb control over cone movement. 1-3/8-inch (33 mm) 4-layer voice coil.

**High-Pressure Die-Cast Aluminum Chassis with AVS™ Airflow Ventilation System Cooling**. Large built-in ribs increase the heat dissipation surface providing forced air cooling during large musical transients and chassis convection cooling at other times. Rigid aluminum controls flexing and ringing and since aluminum is non magnetic, also eliminates stray magnetic loss.



Rosenuit Black Gloss

See specifications page for available finishes for each model



Seamless system matching of Paradigm freestanding and custom products. **Shown:** SE Sub with in-wall AMS-250.

# SE Subwoofer

*"... powerful bass lines travelled through the floor right into the soles of my feet ... refreshingly well proportioned ... a more cerebral experience than I'd expected."*

– Mark Fleischman, *Home Theater*

**PBK**<sup>™</sup>  
R E A D Y

Optional Paradigm Perfect Bass Kit<sup>™</sup>  
digital room correction system.  
Full details on page 33.





An experience  
that wraps you in the  
scent of memory ...



Shown: PDR-80

# PDR Subwoofers

*"I love these subs. Lots of bass, lots of balls, indestructible."*  
– William Kelly, Audio Video



New energy-efficient standby  
low-power circuit:

<1 watt for the PDR-W100  
<0.5 watts PDR-80, PDR-100





**Built-In High-Power, High-Performance Discrete Amplifiers** provide tremendous high-current, low-distortion power:

- PDR-80: 300 watts Dynamic Peak/100 watts RMS.
- PDR-100: 360 watts Dynamic Peak/120 watts RMS.
- PDR-100W: 360 watts Dynamic Peak/120 watts RMS.



**Superior Reinforced Polymer-Composite Cones** provide articulate and extended bass performance with tremendous output and superb control.



**High-Velocity Low-Noise Dual Rear Ports** with critically flared openings ensure maximum bass efficiency and minimum turbulence distortion.



PDR-80

### Stand Up Bass with a Look Ma, No Wires addition!

PDR Series subwoofers offer superb definition and deep bass impact. These high-performance designs use built-in amplifiers with high-current output, along with high-excursion drivers to deliver stunning bass performance that represents completely unprecedented value. Their sleek lifestyle design simply adds to the reason they are the best selling budget subwoofers in the world!

### Look Ma, No Wires!

For those bugged by cable clutter or unsightly wiring, the PDR-W100 is an ideal wireless option that includes a Paradigm wireless transmitter.

### Control Facilities:

- Auto On/Off
- Subwoofer Level
- Subwoofer Cut-Off Frequency (continuously variable 35 Hz – 150 Hz); Bypass Option
- Sub/Sat Phase Alignment (0° or 180°)

### Input Facilities:

- Line-level Inputs
- Energy efficient standby low power circuit



PDR-W100



### PDR-W100 Transmitter

- Included with the PDR-W100
- 50' / 15 m range
- Digital self-sensing signal automatically adjusts for best wireless connection
- Monitors integrity of data stream



Black Ash



UltraCube™ 10



Black Ash

## Denizens of the Deep

When it comes to compact subwoofer design our UltraCube™ Series breaks new ground. From their proprietary advanced Class-D™ amplifiers to their very high-power drivers, everything about these little cubes is optimized for high-performance, including their sleek, acoustically inert enclosures. Power! Impact! Extraordinary refinement! Remarkable musical finesse! The UltraCubes deliver it all! A completely unprecedented accomplishment in subwoofers of such compact dimensions.

### Control Facilities:

- Auto On/Off
- Subwoofer Level
- Subwoofer Cut-Off Frequency (continuously variable 40 Hz – 150 Hz)
- Sub/Sat Phase Alignment (continuously variable 0° or 180°)
- USB Port/PBK Interface

### Input Facilities:

- Line-level Inputs



UltraCube™ 8

**Acoustically Inert MDF Enclosures** help limit unwanted panel resonances and vibrations for clean, tight, extremely accurate bass performance.



**Advanced Down-Firing Mineral-Filled Co-Polymer Polypropylene Cones** with RCR™ Resonance Control Ribs. Superior cone rigidity and the high internal damping properties of polypropylene ensure well-extended bass response with impressive articulation and ultra-low distortion.



**Oversized Dual Magnet Structures** generate exceptionally strong magnetic energy in the gap. Advanced suspension ensures wide peak-to-peak excursion with superb control.

**Proprietary AVS™ Airflow Ventilation System Cooling** conducts heat away from the voice coil.



**Dual Balanced-Plane High-Velocity Passive Radiators.** Solid, stable, and free from unwanted resonances and vibrations, the passive radiator design assists in providing the exceptionally deep bass these compact cubes deliver.





Shown: UltraCube™ 12

## UltraCube™ Subwoofers

*“EXTRAORDINARY! ... opened up a can of whoop ass on everything I played through it ... SPL levels that rival subs twice the size (and price) ... amazing slam and dynamics ... real impact and bite ... a rare example of less equalling more.”*

– Gary Pearce, Tone

**PBK**<sup>™</sup>  
R E A D Y

Optional Paradigm Perfect Bass Kit™  
digital room correction system.  
Full details on page 33.



Shown: PBK in a 7.1 setup with primary listening position marked

# Paradigm Perfect Bass Kit™

*"Audibly better bass through science."*  
– Chris Martens, AVGuide



## Paradigm® Perfect Bass Kit (PBK™)

Even when your Paradigm subwoofer is ideally placed, the room can still have a dramatic impact on bass performance. Room dimensions, dead spots, archways, and even furniture placement can turn a room into an additional instrument, playing alongside musicians or movie scores with unwanted contributions of coloration and resonance. Bass can sound bloated or boomy, with poor definition. Paradigm's Perfect Bass Kit is the answer ...

- **PBK is unlike anything previously available:**

With the Paradigm Perfect Bass Kit, the negative effects of room boundaries on sound quality are a thing of the past. This state-of-the-art "bass perfecting" system analyzes the subwoofer's response in your room, then sets the correct equalization parameters to attain optimal sound.

The frequency response of each PBK microphone is measured precisely and the data is used to create the microphone's calibration file included on the PBK software disk.

- **PBK applies Super-Efficient Infinite Impulse Response (IIR) Filters in addition to Custom Filter Topology:**

This minimizes delay and reduces processing gain noise. The combined approach of limiting the width of IIR filters and applying custom topology means that any artifacts that might have resulted from the filtering process are so small as to be completely inaudible.

- **PBK allows for Multiple Microphone Measurements:**

Most room equalization methods work from a single point source, taking one measurement at the primary listening position. PBK however, provides for multiple user-selected measurement points (we suggest a minimum of five, but up to ten positions can be measured).

- **Unlike many "Room EQ" systems, PBK applies Correction to Peaks (modes) and Dips (anti-modes):**

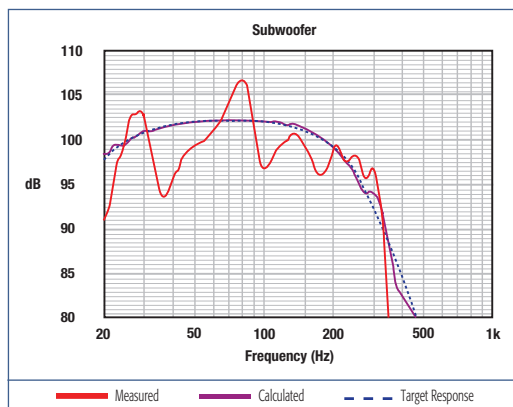
Tackling both allows us to achieve a far more accurate and natural room response. And to limit the demands on the amplifier as well as maximize signal-to-noise ratio, PBK applies appropriate limits to this correction.

- **PBK is Ultra-Accurate:**

The connected PC's 64-bit floating-point processor does the hard work of calculating the correction curves, which greatly minimizes the rounding errors of a less sophisticated "calculator".

- **Easy-to-Use:**

Three years of intensive research and development on our part have made it a snap to attain "Perfect Bass" performance in any room! All that's required is a PC running Windows XP or Vista or a Mac running Boot Camp two USB ports and the Paradigm Perfect Bass Kit. Paradigm even includes the two USB cables you'll need: one for the microphone and one for the subwoofer.



Paradigm's Perfect Bass Kit (PBK) is a derivative of the critically acclaimed Anthem® Room Correction (ARC) system, based on research conducted by the National Research Council (NRC). The NRC's goal was to identify the correct "in-room" target response for a loudspeaker (in this case, the subwoofer) and then develop a way to achieve that same response in any listening room. Using proprietary processing, PBK measures your subwoofer's frequency response and then computes the target response to yield optimal bass performance in your room. Each PBK can be used with up to four Paradigm Reference subwoofers.

### How Does PBK Do What it Does?

The process begins when your computer signals the subwoofer to play the test signal, which is then picked up by the individually calibrated microphone. The system puts the subwoofer through a frequency sweep to highlight problem areas and determine necessary adjustments. It asks you to position the microphone in at least five different locations. Configurations are then saved on the connected PC. The optimized solutions are calculated, then uploaded to the subwoofer and the calculated room corrections are put in place. An audiophile solution to the problem of "the room"!





Paradigm speakers:

<sup>a</sup> taste of the  
high end.

# Specifications



Cinema™	Cinema™ 100	Cinema™ 200	Cinema™ 400	Cinema™ Trio
Design	2-driver, 2-way acoustic suspension, stand-mounted / wall-mounted	3-driver, 2-way LCR, acoustic suspension, on-wall with option to sit center speaker on a table or shelf with supports included	5-driver, 2-1/2-way LCR, acoustic suspension, on-wall with option to mount center configuration on table or shelf	All-in-one left / right / center: 7-driver, 3-channel, 2-way, acoustic suspension
Crossover(s)	2nd-order electro-acoustic at 1.8 kHz	2nd-order electro-acoustic at 1.8 kHz	2nd-order electro-acoustic at 2.1kHz; 2nd-order electro-acoustic at 500 Hz (bass drivers)	2nd-order electro-acoustic at 1.8 kHz
High-Frequency Driver	25-mm (1 in) S-PAL™ satinanodized pure-aluminum dome, ferro-fluid damped and cooled	25-mm (1 in) S-PAL™ satinanodized pure-aluminum dome, ferro-fluid damped and cooled	25-mm (1 in) S-PAL™ satinanodized pure-aluminum dome, ferro-fluid damped and cooled	Three 25-mm (1 in) S-PAL™ satinanodized pure-aluminum dome, ferro-fluid damped and cooled
Bass/Midrange Driver	90-mm (3-1/2 in) mineral-filled polypropylene cone, 25-mm (1 in) high-temperature voice coil, oversize ceramic / ferrite magnets	Two 90-mm (3-1/2 in) mineralfilled polypropylene cones, 25-mm (1 in) high-temperature voice coil, oversize ceramic / ferrite magnets	Two 90-mm (3-1/2 in) mineralfilled polypropylene cones, 25-mm (1 in) high-temperature voice coil, oversize ceramic / ferrite magnets	Four 90-mm (3-1/2 in) mineralfilled polypropylene cones, 25-mm (1 in) high-temperature voice coil, oversize ceramic / ferrite magnets
Bass Driver(s)	n/a	n/a	Two 90-mm (3-1/2 in) mineralfilled polypropylene cones, 25-mm (1 in) high-temperature voice coil, oversize ceramic / ferrite magnets	n/a
Low-Frequency Extension*	85 Hz (DIN)	80 Hz (DIN)	75 Hz (DIN)	85 Hz (DIN)
Frequency Response: <i>On-Axis</i> <i>30° Off-Axis</i>	±2 dB from 125 Hz – 20 kHz ±2 dB from 125 Hz – 15 kHz	±2 dB from 120 Hz – 20 kHz ±2 dB from 120 Hz – 15 kHz	±2 dB from 115 Hz – 20 kHz ±2 dB from 115 Hz – 15 kHz	±2 dB from 125 Hz – 20 kHz ±2 dB from 125 Hz – 15 kHz
Sensitivity – Room/Anechoic	88 dB / 85 dB	90 dB / 87 dB	95 dB / 92 dB	89 dB / 86 dB
Suitable Amplifier Power Range	15 – 100 watts	15 – 150 watts	15 – 200 watts	15 – 150 watts
Maximum Input Power	50 watts	70 watts	100 watts	70 watts per channel
Impedance	Compatible with 8 ohms	Compatible with 8 ohms	Compatible with 8 ohms	Compatible with 8 ohms
Height, Width, Depth	21.2 cm x 12.2 cm x 15.7 cm 8-3/8 in x 4-13/16 in x 6-3/16 in	50.5 cm x 16.1 cm x 10.4 cm 19-7/8 in x 6-5/16 in x 4-1/16 in	67.0 cm x 16.1 cm x 10.4 cm 26-3/8 in x 6-5/16 in x 4-1/16 in	16.1 cm x 91.5 cm x 10.4 cm 6-5/16 in x 36 in x 4-1/16 in
Weight ( <i>unpacked</i> )	1.8 kg / 4.0 lb per speaker (with stand)	3.7 kg / 8.3 lb per speaker	5.8 kg / 12.8 lb per speaker	7.6 kg / 16.8 lb per speaker
Finish	Black Gloss	Black Gloss	Black Gloss	Black Gloss
Paradigm™ Stand	MC-30	n/a	n/a	n/a





Cinema™	Cinema™ SUB
Design	Single driver, bass reflex, high-velocity low-turbulence resistive port, built-in amplifier
Amplifier: High-current, Discrete Output	300 watts Dynamic Peak; 100 watts RMS Sustained
Amplifier Features	Auto-On / Standby, soft clipping
Bass Driver	210-mm (8 in) reinforced polymercomposite cone, 38-mm (1-1/2 in) voice-coil
Low-Frequency Extension*	32 Hz (DIN)
Subwoofer Cut-Off Frequency	Variable 35 Hz – 150 Hz; Bypass option
Sub / Sat Phase Alignment Switch	0° or 180°
Line-Level Input	Two RCA (L/R-Mono) for L/R lineout or Sub-Out/ LFE-Out of receiver/processor or other line-level source
Line-Level Input Sensitivity	130 mV
Line-Level Input Impedance	10k ohms
Height, Width, Depth <i>(gloss side up, height includes feet)</i>	34.2 cm x 32.2 cm x 32.2 cm 13-7/16 in x 12-11/16 in x 12-11/16 in
Weight <i>(unpacked)</i>	9.7 kg / 21.4 lb
Finish	Black Gloss



Monitor Series	Atom Monitor	Mini Monitor	Monitor 7	Monitor 9	Monitor 11
Design	2-driver, 2-way bass reflex, quasi-3rd-order resistive port, bookshelf / stand-mounted	2-driver, 2-way bass reflex, quasi-3rd-order resistive port, bookshelf / stand-mounted	3-driver, 2-1/2-way bass reflex, quasi-3rd-order resistive port, floorstanding model	4-driver, 2-1/2-way bass reflex, quasi-3rd-order resistive port, floorstanding model	5-driver, 3-way bass reflex, quasi-3rd-order resistive port, floorstanding model
Crossover(s)	2nd-order electro-acoustic at 2.0 kHz	2nd-order electro-acoustic at 2.0 kHz	3rd-order electro-acoustic at 2.0 kHz; 3rd-order electro-acoustic at 700 Hz (lower bass driver)	3rd-order electro-acoustic at 2.0 kHz; 2nd-order electro-acoustic at 700 Hz (lower bass drivers)	3rd-order electro-acoustic at 2.2 kHz; 2nd-order electro-acoustic at 700 Hz (lower bass drivers)
High-Frequency Driver(s)	25-mm (1 in) S-PAL™ pure-aluminum dome tweeter, ferro-fluid cooled and damped	25-mm (1 in) S-PAL™ pure-aluminum dome tweeter, ferro-fluid cooled and damped	25-mm (1 in) S-PAL™ pure-aluminum dome tweeter, ferro-fluid cooled and damped	25-mm (1 in) S-PAL™ pure-aluminum dome tweeter, ferro-fluid cooled and damped	25-mm (1 in) S-PAL™ pure-aluminum dome tweeter, ferro-fluid cooled and damped
Midrange Driver(s)	N/A	N/A	N/A	N/A	140-mm (5-1/2 in) S-PAL™ satin-anodized pure-aluminum cone, ferro-fluid cooled and damped, 25-mm (1 in) high-temperature voice-coil, oversize ceramic / ferrite magnets, GRIP™ glass-reinforced injection-molded polymer chassis, separate sealed driver chamber
Bass/Midrange Drivers	140-mm (5-1/2 in) S-PAL™ satin-anodized pure-aluminum cone, 25-mm (1 in) high-temperature voice-coil, oversize ceramic / ferrite magnets, GRIP™ glass-reinforced injection-molded polymer chassis	165-mm (6-1/2 in) S-PAL™ satin-anodized pure-aluminum cone, 25-mm (1 in) high-temperature voice-coil, oversize ceramic / ferrite magnets, GRIP™ glass-reinforced injection-molded polymer chassis	140-mm (5-1/2 in) S-PAL™ satin-anodized pure-aluminum cone, 25-mm (1 in) high-temperature voice-coil, oversize ceramic / ferrite magnets, GRIP™ glass-reinforced injection-molded polymer chassis	140-mm (5-1/2 in) S-PAL™ satin-anodized pure-aluminum cone, 25-mm (1 in) high-temperature voice-coil, oversize ceramic / ferrite magnets, GRIP™ glass-reinforced injection-molded polymer chassis	N/A
Bass Driver(s)	N/A	N/A	140-mm (5-1/2 in) carbon-infused polypropylene cone, 25-mm (1 in) high-temperature voice-coils, oversize ceramic / ferrite magnets, GRIP™ glass-reinforced injection-molded polymer chassis	Two 140-mm (5-1/2 in) carbon-infused polypropylene cones, 25-mm (1 in) high-temperature voice-coils, oversize ceramic / ferrite magnets, GRIP™ glass-reinforced injection-molded polymer chassis	Three 165-mm (6-1/2 in) carboninfused polypropylene cones, 25-mm (1 in) high-temperature voice-coils,oversize ceramic / ferrite magnets, GRIP™ glass-reinforced injection-molded polymer chassis
Low-Frequency Extension*	50 Hz	42 Hz	34 Hz	31 Hz	30 Hz
Frequency Response:	<i>On-Axis</i> ±2 dB from 86 Hz – 22 kHz <i>30° Off-Axis</i> ±2 dB from 86 Hz – 18 kHz	±2 dB from 75 Hz – 22 kHz ±2 dB from 75 Hz – 18 kHz	±2 dB from 48 Hz – 22 kHz ±2 dB from 48 Hz – 18 kHz	±2 dB from 46 Hz – 22 kHz ±2 dB from 46 Hz – 18 kHz	±2 dB from 42 Hz – 22 kHz ±2 dB from 42 Hz – 18 kHz
Sensitivity – Room/Anechoic	90 dB / 87 dB	90 dB / 87 dB	91 dB / 88 dB	91 dB / 88 dB	93 dB / 90 dB
Suitable Amplifier Power Range	15 – 80 watts	15 – 100 watts	15 – 180 watts	15 – 200 watts	15 – 250 watts
Maximum Input Power†	50 watts	80 watts	130 watts	150 watts	180 watts
Impedance	Compatible with 8 ohms	Compatible with 8 ohms	Compatible with 8 ohms	Compatible with 8 ohms	Compatible with 8 ohms
Height, Width, Depth	28.2 cm x 16.8 cm x 22.5 cm 11 in x 6-5/8 in x 8-7/8 in	34.3 cm x 19.4 cm x 26.5 cm 13-1/2 in x 7-5/8 in x 10-1/2 in	91.6 cm x 17.5 cm x 22.9 cm 36 in x 6-7/8 in x 9 in	101.6 cm x 17.5 cm x 26.5 cm 40 in x 6-7/8 in x 10-1/2 in	105.2 cm x 20.0 cm x 34.3 cm 41-1/2 in x 7-7/8 in x 13-1/2 in
Weight (unpacked)	4.8 kg / 10.5 lb per speaker	7.7 kg / 17 lb per speaker	14.8 kg / 32.6 lb per speaker	19.1 kg / 42 lb per speaker	25.1 kg / 55.3 lb per speaker
Finishes	Black Ash, Heritage Cherry	Black Ash, Heritage Cherry	Black Ash, Heritage Cherry	Black Ash, Heritage Cherry	Black Ash, Heritage Cherry
Paradigm® Stand (sold sep.)	S-30, J-29	S-26, J-29	N/A	N/A	N/A



Monitor Series	Center 1	Center 3	Surround 1	Surround 3
Design	4-driver, 3-way center channel.	4-driver, 3-way center channel.	4-driver, 2-way bi-directional surround/rear	4-driver, 2-way bi-directional surround/rear
Crossover(s)	2nd-order electro-acoustic at 3.0 kHz; 2nd-order electro-acoustic at 550 Hz (bass drivers)	2nd-order electro-acoustic at 2.2 kHz; 2nd-order electroacoustic at 600 Hz (bass drivers)	2nd-order electro-acoustic at 2.0 kHz	2nd-order electro-acoustic at 2.3 kHz
High-Frequency Driver(s)	25-mm (1 in) S-PAL™ pure-aluminum dome tweeter, ferro-fluid cooled and damped	25-mm (1 in) S-PAL™ pure-aluminum dome tweeter, ferro-fluid cooled and damped	Two 25-mm (1 in) S-PAL™ pure-aluminum dome tweeters, ferro-fluid cooled and damped	Two 25-mm (1 in) S-PAL™ pure-aluminum dome tweeters, ferro-fluid cooled and damped
Midrange Driver(s)	90-mm (3-1/2 in) S-PAL™ satin-anodized pure-aluminum cone, ferro-fluid cooled and damped, 25-mm (1 in) high-temperature voice-coil, oversize ceramic / ferrite magnets, GRIP™ glass-reinforced injection-molded polymer chassis	115-mm (4-1/2 in) S-PAL™ satin-anodized pure-aluminum cone, ferro-fluid cooled and damped, 25-mm (1 in) high-temperature voice-coil, oversize ceramic / ferrite magnets, GRIP™ glass-reinforced injection-molded polymer chassis	N/A	N/A
Bass/Midrange Drivers	N/A	N/A	Two 110-mm (4-1/2 in) M-ICP™ minimum-mass injection-molded co-polymer polypropylene cones, 25-mm (1 in) voice-coils, oversize ceramic / ferrite magnets, steel chassis	Two 140-mm (5-1/2 in) S-PAL™ satin-anodized pure-aluminum cones, 25-mm (1 in) high-temperature voice-coils, oversize ceramic / ferrite magnets, GRIP™ glass-reinforced injection-molded polymer chassis
Bass Driver(s)	Two 140-mm (5-1/2 in) carbon-infused polypropylene cones, 25-mm (1 in) high-temperature voice-coils, oversize ceramic / ferrite magnets, GRIP™ glass-reinforced injection-molded polymer chassis	Two 165-mm (6-1/2 in) carbon-infused polypropylene cones, 25-mm (1 in) high-temperature voice-coils, oversize ceramic / ferrite magnets, GRIP™ glass-reinforced injection-molded polymer chassis	N/A	N/A
Low-Frequency Extension*	49 Hz	46 Hz	71 Hz	53 Hz
Frequency Response:	<i>On-Axis</i> ±2 dB from 75 Hz – 22 kHz <i>30° Off-Axis</i> ±2 dB from 75 Hz – 18 kHz	±2 dB from 66 Hz – 22 kHz ±2 dB from 66 Hz – 18 kHz	±2 dB from 120 Hz – 20 kHz (bi-directional soundfield)	±2 dB from 90 Hz – 20 kHz (bi-directional soundfield)
Sensitivity – Room/Anechoic	92 dB / 89 dB	93 dB / 90 dB	88 dB / 85 dB	90 dB / 87 dB
Suitable Amplifier Power Range	15 – 120 watts	15 – 175 watts	15 – 100 watts	15 – 175 watts
Maximum Input Power†	80 watts	120 watts	80 watts	120 watts
Impedance	Compatible with 8 ohms	Compatible with 8 ohms	Compatible with 8 ohms	Compatible with 8 ohms
Height, Width, Depth	18.3 cm x 45.1 cm x 26.5 cm 7-1/4 in x 17-3/4 in x 10-1/2 in	20.0 cm x 53.7 cm x 29.8 cm 7-7/8 in x 21-1/8 in x 11-3/4 in	21.7 cm x 23.5 cm x 13.0 cm 8-1/2 in x 9-1/4 in x 5-1/8 in	27.0 cm x 33.0 cm x 16.8 cm 10-5/8 in x 13 in x 6-5/8 in
Weight (unpacked)	10.5 kg / 25 lb per speaker	12.9 kg / 28.5 lb per speaker	3.28 kg / 7.25 lb per speaker	6.32 kg / 13.95 lb per speaker
Finishes	Black Ash, Heritage Cherry	Black Ash, Heritage Cherry	Black	Black
Paradigm® Stand (sold sep.)	N/A	J-18	N/A	N/A



Monitor Series	SUB 8	SUB 10	SUB 12
Design	Single driver, acoustic suspension, built-in advanced Class-D™ amplifier, USB port for PBK equalization, removable grilles	Single driver, acoustic suspension, built-in advanced Class-D™ amplifier, USB port for PBK equalization, removable grilles	Single driver, acoustic suspension, built-in advanced Class-D™ amplifier, USB port for PBK equalization, removable grilles
Amplifier: High-Current, Discrete Output	900 watts Dynamic Peak/ 300 watts RMS Sustained	900 watts Dynamic Peak/ 300 watts RMS Sustained	900 watts Dynamic Peak/ 300 watts RMS Sustained
Amplifier Design Features	Auto-On/off, soft clipping, thermal protection	Auto-On/off, soft clipping, thermal protection	Auto-On/off, soft clipping, thermal protection
Bass Driver	210-mm (8 in) mineral-filled polypropylene, corrugated Santoprene® surround, 38-mm (1-1/2 in) 4-layer copper-clad aluminum voice coil, Nomex® spider, 4.5 lb ferrite magnet, AVS™ die-cast heatsink chassis	254-mm (10 in) mineral-filled polypropylene, corrugated Santoprene® surround, 38-mm (1-1/2 in) 4-layer copper-clad aluminum voice coil, Nomex® spider, 4.5 lb ferrite magnet, AVS™ die-cast heatsink chassis	305-mm (12 in) mineral-filled polypropylene, corrugated Santoprene® surround, 50-mm (2 in) 4-layer copper-clad aluminum voice coil, dual Nomex® spiders, 6.5 lb ferrite magnet, AVS™ die-cast heatsink chassis
Low-Frequency Extension*	19 Hz (DIN)	17 Hz (DIN)	16 Hz (DIN)
Subwoofer Cut-Off Frequency	Variable 50 Hz – 150 Hz	Variable 50 Hz – 150 Hz	Variable 50 Hz – 150 Hz
Sub/Sat Phase Alignment	Variable 0° – 180°	Variable 0° – 180°	Variable 0° – 180°
Line-Level Inputs	Two RCA (L/R-Mono) for L/R	Two RCA (L/R-Mono) for L/R	Two RCA (L/R-Mono) for L/R
Speaker-Level Input	line out or Sub-Out/LFE-Out of receiver/processor or other line-level source	line out or Sub-Out/LFE-Out of receiver/processor or other line-level source	line out or Sub-Out/LFE-Out of receiver/processor or other line-level source
Height, Width, Depth	27.2 cm x 26.2 cm x 28.3 cm 10-11/16" x 10-5/16" x 11-1/8"	33.0 cm x 28.3 cm x 32.4 cm 13" x 11-1/8" x 12-3/4"	38.5 cm x 33.0 cm x 36.8 cm 15-1/8" x 13" in x 14-1/2"
Weight (unpacked)	24.8 lb / 11.25 kg each	30 lb / 13.6 kg each	41 lb / 18.6 kg each
Accessories (sold separately)	Wireless PT-2 Transmitter; Paradigm Perfect Bass Kit™	Wireless PT-2 Transmitter; Paradigm Perfect Bass Kit™	Wireless PT-2 Transmitter; Paradigm Perfect Bass Kit™
Finish	Black Ash	Black Ash	Black Ash



PDR Series	PDR-80	PDR-100	PDR-W100
Design	Single driver, bass reflex, high-velocity low-turbulence resistive port, built-in amplifier	Single driver, bass reflex, high-velocity low-turbulence resistive port, built-in amplifier	Single driver, bass reflex, high-velocity low-turbulence resistive port, built-in amplifier
Amplifier: High-Current, Discrete Output	300 watts Dynamic Peak; 100 watts RMS Sustained	360 watts Dynamic Peak; 120 watts RMS Sustained	360 watts Dynamic Peak; 120 watts RMS Sustained
Amplifier Design Features	Auto-On/Standby, soft clipping	Auto-On / Standby, soft clipping	Auto-On / Standby, soft clipping
Bass Driver	210-mm (8 in) reinforced polymer-composite cone, 38-mm (1-1/2 in) voice-coil	254-mm (10 in) reinforced polymer-composite cone, 38-mm (1-1/2 in) voice-coil	254-mm (10 in) reinforced polymer-composite cone, 38-mm (1-1/2 in) voice-coil
Low-Frequency Extension*	32 Hz (DIN)	29 Hz (DIN)	29 Hz (DIN)
Subwoofer Cut-Off Frequency	Variable 35 Hz – 150 Hz; Bypass option	Variable 35 Hz – 150 Hz; Bypass option	Variable 35 Hz – 150 Hz; Bypass option
Sub. / Sat. Phase Alignment	0° or 180°	0° or 180°	0° or 180°
Line-Level Inputs	Two RCA (L/R-Mono) for L/R line out or Sub-Out/LFE-Out of receiver/processor or other line-level source	Two RCA (L/R-Mono) for L/R line out or Sub-Out/LFE-Out of receiver/processor or other line-level source	Two RCA (L/R-Mono) for L/R line out or Sub-Out/LFE-Out of receiver/processor or other line-level source
Height, Width, Depth (height includes feet)	35.6 cm x 30.5 cm x 36.2 cm 14 in x 12 in x 14-3/8 in	39.4 cm x 33.3 cm x 38.7 cm 15-1/2 in x 13-1/8 in x 15-1/4 in	39.4 cm x 33.3 cm x 38.7 cm 15-1/2 in x 13-1/8 in x 15-1/4 in
Weight (unpacked)	10.9 kg / 24 lb each	13.2 kg / 29 lb each	13.2 kg / 29 lb each
Wireless Model (using transmitter incl.)			
RF Frequency			2.4 GHz
Latency			13 ms
Transmission Range			50' / 15 m
Sampling Frequency / # Bits			48 kHz, 16 bits
Compression			Compression
Connectivity			1 transmitter required for each PDR-W100
Finish	Black Ash	Black Ash	Black Ash



SE Series	SE1	SE3	SE CENTER
Design	2-driver, 2-way bookshelf/stand-mounted	4-driver, 2-1/2-way floorstanding	4-driver, 3-way center channel
Crossover	2nd-order electro-acoustic at 2.0 kHz	2nd-order electro-acoustic at 2.0 kHz; 2nd-order electro-acoustic at 600 Hz	2nd-order electro-acoustic at 2.1 kHz; 2nd-order electro-acoustic at 300 Hz
High-Frequency Driver	25-mm (1 in) G-PAL™ dome, ferro-fluid damped/cooled	25-mm (1 in) G-PAL™ dome, ferro-fluid damped/cooled	25-mm (1 in) G-PAL™ dome, ferro-fluid damped/cooled
Midrange Driver	n/a	n/a	89-mm (3-1/2 in) S-PAL™ cone, (1 in) voice-coil, GRIP™ chassis
Bass/Midrange Driver	140-mm (5-1/2 in) S-PAL™ cone, 38-mm (1-1/2 in) voice coil, GRIP™ chassis	140-mm (5-1/2 in) S-PAL™ cone, 25-mm (1 in) voice-coil, GRIP™ chassis	n/a
Bass Driver(s)	n/a	Two 140-mm (5-1/2 in) mineral-filled polypropylene cones, 25-mm (1 in) voice-coil, GRIP™ chassis	Two 140-mm (5-1/2 in) mineral-filled polypropylene cones, 25-mm (1 in) voice-coil, GRIP™ chassis
Low-Frequency Extension*	45 Hz (DIN)	40 Hz (DIN)	50 Hz (DIN)
Frequency Response: <i>On-Axis</i> <i>30° Off-Axis</i>	±2 dB from 70 Hz – 20 kHz ±2 dB from 70 Hz – 15 kHz	±2 dB from 65 Hz – 20 kHz ±2 dB from 65 Hz – 15 kHz	±2 dB from 75 Hz – 20 kHz ±2 dB from 75 Hz – 17 kHz
Sensitivity – Room/Anechoic	88 dB/85 dB	93 dB/90 dB	91 dB/88 dB
Suitable Amplifier Power Range	15 – 120 watts	15 – 200 watts	15 – 130 watts
Maximum Input Power†	75 watts	140 watts	100 watts
Impedance	Compatible with 8 ohms	Compatible with 8 ohms	Compatible with 8 ohms
Height, Width, Depth (includes spikes on floorstanding model)	27.9 cm x 16.5 cm x 21.6 cm 11-1/2 in x 6-1/2 in x 8-1/2 in	86.4 cm x 16.5 cm x 25.4 cm 34 in x 6-1/2 in x 10 in	17.8 cm x 44.5 cm x 24.1 cm 7 in x 17-1/2 in x 9-1/2 in
Weight (unpacked)	5.9 kg/12.9 lb each	16.7 kg/36.9 lb each	9.4 kg/20.7 lb each
Paradigm® Stand	S-30	n/a	n/a
Finishes	Black Gloss, Rosenut	Black Gloss, Rosenut	Black Gloss, Rosenut



### SE SUB

Design	Single high-excursion driver, configurable down-firing/front-firing driver, sealed enclosure, patented built-in Ultra-Class-D™ power amplifier, USB port/PBK Interface
Amplifier: High-Current, Discrete Output	900 watts Dynamic Peak/300 watts RMS Sustained
Amplifier Design Features	Auto on/off, soft clipping
Bass Driver	254-mm (10 in) CAP™ cone, oversize ceramic/ferrite magnets, 50-mm (2 in) 4-layer voice-coil, dual Nomex® spiders, AVS™ die-cast heatsink chassis
Low-Frequency Extension*	24 Hz (DIN)
Subwoofer Cut-Off Frequency	Variable 35 Hz – 150 Hz; Bypass option
Sub/Sat Phase Alignment	Variable 0° – 180°
Line-Level Inputs	RCA (L/R-Mono) for L/R Line-Out or Sub-Out/LFE-Out of receiver/processor or other line-level source
Height, Width, Depth (height includes feet; depth includes grille and amplifier) <i>NOTE: Feet must be used in every installation</i>	29.1 cm x 27.9 cm x 27.9 cm 11-1/2 in x 11 in x 11 in
Weight (unpacked)	6.4 kg/14.1 lb each
Finishes	Black Gloss, Rosenut



UltraCube™ Series	UltraCube™ 10	UltraCube™ 12
Design	Single high-excursion driver, dual passive radiators, built-in advanced Class-D™ amplifier, USB Port/PBK Interface	Single high-excursion driver, dual passive radiators, built-in advanced Class-D™ amplifier, USB Port/PBK Interface
Amplifier: High-Current, Discrete Output	1950 watts Dynamic Peak/ 650 watts RMS Sustained	1950 watts Dynamic Peak/ 650 watts RMS Sustained
Amplifier Design Features	Auto-On/Off, soft clipping, thermal protection, electrical shorting protection	Auto-On/Off, soft clipping, thermal protection, electrical shorting protection
Bass Driver	254-mm (10 in) RCR™ mineral-filled co-polymer polypropylene cone, 38-mm (1-1/2 in) 4-layer voice-coil, dual spiders, AVS™ die-cast heatsink chassis	305-mm (12 in) RCR™ mineral-filled co-polymer polypropylene cone, 51-mm (2 in) bifilar 2+2-layer voice-coil, dual spiders, AVS™ die-cast heatsink chassis
Passive Radiators	Dual 229-mm (9 in) balanced-plane, high-velocity passive radiators	Dual 254-mm (10 in) balanced-plane, high-velocity passive radiators
Low-Frequency Extension*	22 Hz (DIN)	19 Hz (DIN)
Subwoofer Cut-Off Frequency	Variable 40 Hz – 150 Hz	Variable 40 Hz – 150 Hz
Sub/Sat Phase Alignment	Variable 0° – 180°	Variable 0° – 180°
Line-Level Inputs	RCA. (L/R-Mono) for L/R line out or Sub-Out/LFE-Out of receiver/processor or other line-level source	RCA. (L/R-Mono) for L/R line out or Sub-Out/LFE-Out of receiver/processor or other line-level source
Height, Width, Depth (height includes feet; depth includes grille and amplifier)	32.8 cm x 29.1 cm x 29.1 cm 12-15/16 in x 11-1/2 in x 11-1/2 in	38.1 cm x 35.6 cm x 35.6 cm 15 in x 14 in x 14 in
Weight (unpacked)	13.3 kg/29 lb each	16.3 kg/36 lb each
Finish	Black Ash	Black Ash

\* DIN 45 500. Indicates -3 dB in a typical listening room.

† With typical program source, provided the amplifier clips no more than 10% of the time.

‡ Magnetic shielding prevents interference when placed beside or on top of a CRT television.

§ MagneShield™ is included on Monitor Series center channels.

Listed heights for floorstanding models include spikes and outrigger feet.

Listed widths for floorstanding models exclude outrigger feet.



# Recommended Systems

Fronts	Type	Center	Surrounds	Rears	Subwoofer
<b>Cinema 100</b>	Bookshelf/Stand/Wall-Mounted	Cinema 100	Cinema 100/Surround 1	Cinema 100/Surround 1	Cinema SUB
<b>Cinema 200</b>	Bookshelf/Wall-Mounted	Cinema 200	Cinema 100/Surround 1	Cinema 100/Surround 1	Cinema SUB
<b>Cinema 400</b>	Bookshelf/Wall-Mounted	Cinema 400	Cinema 100/Surround 1	Cinema 100/Surround 1	Cinema SUB/SUB 8
<b>Cinema Trio</b>	Bookshelf/Wall-Mounted	N/A	Cinema 100/Surround 1	Cinema 100/Surround 1	Cinema SUB/SUB 8
<b>Atom Monitor</b>	Bookshelf/Stand-Mounted	Center 1	Surround 1	Surround 1	SUB 8
<b>Mini Monitor</b>	Bookshelf/Stand-Mounted	Center 1	Surround 1	Surround 1	SUB 8/SUB 10
<b>Monitor 7</b>	Floorstanding	Center 1/Center 3	Surround 1/Surround 3	Surround 1/Surround 3	SUB 10
<b>Monitor 9</b>	Floorstanding	Center 3	Surround 3	Surround 3	SUB 10/SUB 12
<b>Monitor 11</b>	Floorstanding	Center 3	Surround 3	Surround 3	SUB 12
<b>SE 1</b>	Bookshelf/Stand-Mounted	SE Center	SE 1/Surround 1	SE 1/Surround 1	SE SUB
<b>SE 3</b>	Floorstanding	SE Center	SE 1/Surround 1	SE 1/Surround 1	SE SUB

No matter what you need, Paradigm® systems provide exceptional music and home-theater sound. Above is a list of our recommended systems. Keep in mind, however, that since all Paradigm® speakers are timbre-matched, there are many other combinations for you to consider, including seamless system matching with Paradigm in-wall/in-ceiling speakers (see your Dealer for more information).

**Paradigm<sup>®</sup>**



a sensory experience



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