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w w w . p a r a d i g m . c o m

Paradigm® | HD™ HIGH-DEFINITION SOUND

A sensory experience

Paradigm Rated #1 …
for Twenty Years!

Only Paradigm has been rated #1 Best Price/Value by the distinguished publication *Inside Track** for twenty 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!

Sound that surrounds you

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. An increasing number of artists are releasing music in multichannel DVD-Audio and SACD. When recorded and engineered aesthetically, multichannel music accurately reproduces the full dimension of the original acoustic space with realism that could never be achieved with conventional two-channel recordings.

Movies and music do not require different types of speakers. Musically accurate speakers have the sonic precision needed to reproduce music as well as movie dialog and special effects cleanly and naturally. The proven musical accuracy of Paradigm® speakers satisfies the critical demands of both music and movies!

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

Conventional forward-radiating speakers cannot 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 fronts (Fig. 2).

So how can you hear all of the glorious surround sound you're supposed to? With reverberant soundfield surround/rear speakers placed to the sides and rear of the listener (Figs. 3, 4 & 5).

Like movie theater surround speakers, reverberant surround/rear speakers 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 the front and center 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.

The diffuse sound of reverberant surround/rear speakers turns your listening into a magical experience—they put the "theater" in home theater and make music sound "live"!

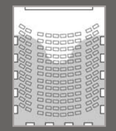


Fig. 1
Movie Theater Surrounds

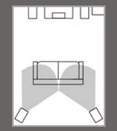


Fig. 2
Forward-Radiating Surrounds

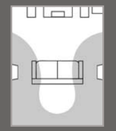


Fig. 3
Reverberant Surrounds for 5.1 Configuration

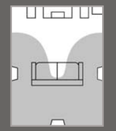


Fig. 4
Reverberant Surrounds and Rear for 6.1 Configuration

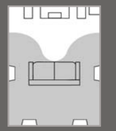
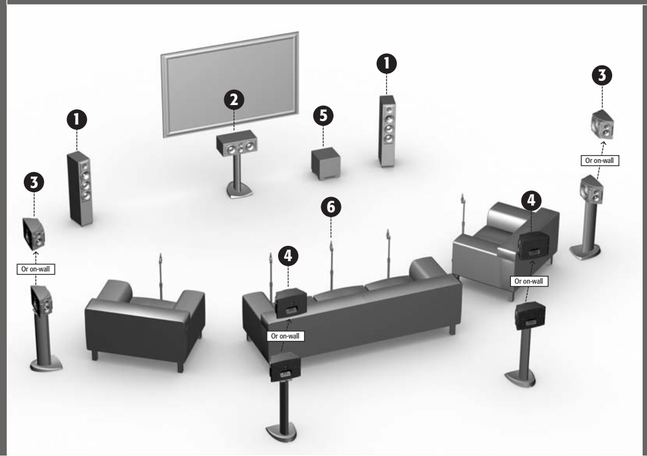


Fig. 5
Reverberant Surrounds and Rears for 7.1 Configuration



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 on top of a TV (or behind a perforated screen in a front-projection system). If used with a direct-view CRT this speaker must be magnetically shielded to prevent picture interference.

Surround Speakers 3 reproduce ambience and sound effects critical to the full dimension of multichannel music and movies. Surround speakers with a uniform reverberant soundfield and accurate full-bandwidth bass work best.

Rear Speakers 4 contribute dimensional size and realism. Here also speakers with a uniform reverberant soundfield and accurate full-bandwidth bass work best.

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** for more info.

Lend us your ears

Here are some 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.

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 Only From A Specialty Retailer
Only specialty audio retailers have the expertise and the resources to properly demonstrate high-performance speakers—and to assemble a system that will save you time, frustration and money.

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!

Paradigm's 225,000-sq.-ft. (21,000 sq. m) manufacturing facility and headquarters

1

2


3


4


5

Paradigm Factory Tour

In the speaker-building chain, manufacturing is just as important a link as research and design. At Paradigm, we design and build drive units, crossover networks, electronics, amplifiers, plastics and enclosures—and even our own tooling, production and testing equipment—to ensure greater precision and superior quality control. Advanced engineering, superior materials and precision components ensure exceptional performance and make Paradigm speakers truly greater than the sum of their parts!

1 — Advanced robotics help ensure strict quality standards. This assembly glues dust caps and holds them in place until the adhesive sets.

2 — Our injection-molding machines use molds we design and produce. Look closely at this one and you can see a bass/midrange cone "hot off the press"!

3 — Auto-insertion machines as shown here, attach components to circuit boards, ensuring greater accuracy and reliability.

4 — Our electronic discharge machine (EDM) creates component molds like the one in Figure 5. The EDM uses an electrical charge to "carve out" metal at the molecular level to a tolerance of ±0.005 mm (±0.0002 in)!

5 — With the EDM we can attain a level of detail that would otherwise be impossible. Note the intricacies in this high-performance AMS-100R chassis.

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 with pinpoint localization, powerful, well-defined bass and thrilling dynamics are hallmarks of Paradigm's advanced speaker designs. For more than twenty-five 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.

Rave reviews the world over, industry accolades and hundreds of product awards continue to confirm why Paradigm is the first choice of even the most critical listener.

An experience you can hear …

Shown: Cinema 330 with DSP-3100 subwoofer

Cinema™

"AWE INSPIRING … a precisely pitched and focused treat … lifelike … effortless … palpably solid … power of high quality and more than sufficient quantity."

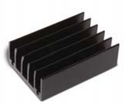
– Mark Fleischmann, Home Theater

Superior ICP™ Injection-Molded Co-Polymer Bass/ Midrange Cones with advanced motor structures and powerful ceramic/ferrite magnets. The results are audible—smooth, exceptionally detailed and authentic midrange performance providing clearer, natural sounding vocals and articulate movie dialog.

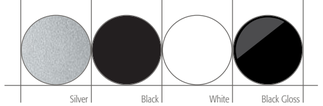
Mineral-Filled Polypropylene Bass Cones with oversized magnet structures deliver solid, extended bass performance.

Superior PTD™ Pure-Titanium Domes with 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.



Extruded Aluminum Heatsink ensures higher thermal capacity and further improved power handling in the Cinema 220 and Cinema 330.



See specifications page for available finishes for each model

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 … until Cinema. Award-winning Cinema speakers integrate beautifully, delivering a seamless music and home theater soundstage that brings movies to life and makes music sound "live."

Bigger Sizes for Bigger Screens

Cinema 330 and Cinema 220 LCR on-wall/stand-mounted lifestyle speakers put Paradigm's industry-leading Performance and Value front and center! They are designed for bigger rooms and bigger screens. Their powerful drivers and high-efficiency design mean ultra-serious output levels for movies and music. Their slim styling is also ideal for matching with plasma and LCD displays.

All Cinema speakers (except Cinema ADP) are magnetically shielded.

"… the best 'Home Theater in a Box' speakers available in or around the $1,000 range … a new standard in quality … 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™ CT

Beyond HTiB …

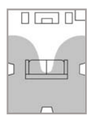
Cinema Compact Theater (Cinema 70/90/110 CT). Five award-winning Cinema speakers and a powerful matching subwoofer deliver Performance and Value like no conventional Home Theater in a Box (HTiB) system can!

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

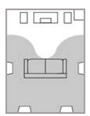
On the other hand, Paradigm Cinema CT's are all about performance. They deliver 5.1 audiophile-quality sound without sacrificing lifestyle size, good looks or a great price. Cinema CT's are just as affordable as inexpensive HTiB systems—but when it comes to performance, they leave HTiB stuck in the box!

Considering a 6.1 or 7.1 System?

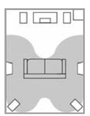
Paradigm's got you covered (in sound!) Cinema ADP speakers with their large reverberant soundfield are the best choice in both 6.1 and 7.1 surround configurations. More information on surround sound available at the beginning of this catalog.



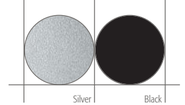
6.1 Configuration with Cinema ADP for the Rear



7.1 Configuration with Cinema ADP Surrounds and Cinema ADP Rears



Cinema 70 CT 7.1 Configuration with Cinema ADP Surrounds and Cinema 70 Satellites for Rears



Cinema 70 CT
4 – Cinema 70 | 1 – Cinema CC | 1 – Cinema 70 CT Subwoofer:
250 watts Dynamic Peak/100 watts RMS Sustained

Cinema 110 CT
2 – Cinema 110 L/R | 1 – Cinema 110 C | 2 – Cinema ADP | 1 – Cinema 110 CT Subwoofer:
450 watts Dynamic Peak/150 watts RMS Sustained

Cinema 90 CT
2 – Cinema 90 | 1 – Cinema CC | 2 – Cinema ADP | 1 – Cinema 90 CT Subwoofer:
360 watts Dynamic Peak/120 watts RMS Sustained

Cinema CT Subwoofers

(Included with Cinema 70/90/110 CT)

Advanced Built-In High-Power Discrete Amplifiers provide tremendous high-current, low-distortion power.

Advanced Fiber-Reinforced Cones ensure clean, clear, extended bass performance with tremendous output and superb control.

High-Velocity Low-Noise Ports with critically flared openings for maximum output efficiency and minimal turbulence distortion.

High-Density Hardboard Enclosures limit panel resonances for clean, tight bass performance.

Control/Input Facilities:

- Auto On
- Subwoofer Level
- Subwoofer Cut-Off Frequency (continuously variable 50 Hz – 200 Hz)
- Subwoofer Phase Switch
- Line-level Input

An experience you can see . . .

Monitor Series

No Need to Give Up Fidelity to Get Loud!

Paradigm's Monitor Series, with its proprietary SuperDrive™ technology, combines very high-efficiency with very high output and ultra-low distortion. Monitor speakers compete directly with the efficiency and output of major brands of horn speakers—they not only play *as* loud, their sound is authentically high-end. Even with moderately powered amplifiers, Monitor speakers deliver truly breathtaking performance. And in classic Paradigm tradition, unparalleled value too!

Monitor Series center channels are magnetically shielded. Monitor ADP surround/rear speakers use optimized radiation patterns to provide the superior wide bandwidth reverberant sound for which Paradigm ADP's are renowned. Both are timbre-matched with all other Monitor Series speakers to ensure superior performance for music and home theater.

Seamless system matching of Paradigm freestanding and custom products. **Shown:** Atom Monitor on S-30 stand with CC-190 and in-wall PCS-80SQ subwoofer.

"… nothing short of stunning."
– The Perfect Vision, Robert Harley

"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!

Monitor Series

Monitor 11

Monitor 9

Monitor 7

Atom Monitor shown on S-30 stand

Mini Monitor shown on S-26 stand

Titan Monitor shown on S-22 stand

Micro Monitor shown on S-30 stand

UNBELIEVABLE VALUE!

Our most affordable, 2-way, 2-driver bookshelf/stand or wall-mounted model

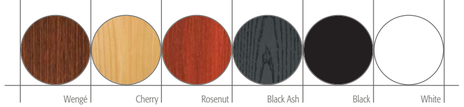
Advanced High-Efficiency M-ICP™ Minimum-Mass Injection-Molded Co-Polymer Bass/Midrange Cones teamed with advanced motor structures and oversized magnets provide exceptional sensitivity, superb power handling and truly tremendous output.

Advanced High-Power Carbon-Infused Bass Cones, highly damped and extremely rigid, provide tight, superbly defined and incredibly well-extended bass response.

Elevated Tweeter and Advanced WaveGuide™ Chassis foster exceptionally uniform response across a wide, deep listening window.

Low-Diffraction Magnetic Grilles fit like a glove! Perfectly centered over the baffle, when in position these stay-tight grilles won't move 'til you move them. **Outrigger Feet on Floorstanding Models** give added stability and stylish good looks. **Nickel-plated screws** add a high-tech touch.

NOTE: Micro Monitor differs in design from the other Monitor Series models. See specifications page for full details.



See specifications page for available finishes for each model

Advanced H-PTD™ High-Efficiency Pure-Titanium Domes with ferro-fluid cooling encourage a winning combination of dome rigidity and low mass. Harmonics and air possess breath-taking clarity and accuracy. The result is performance that rivals far more expensive high-end speaker designs.

High-Pressure Die-Cast Aluminum or GRIP™ Glass-Reinforced Injection-Molded Polymer Chassis (varies by model) are exceptionally rigid to eliminate flexing and ringing, while also functioning as heatsinks for greater power handling.

An experience that touches you ...

Shown: SE 3, SE Center, SE Sub

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

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™ Chassis 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.

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

"Paradigm's SE 1 beats out boutique brand speakers costing eight times as much."

– CE Pro

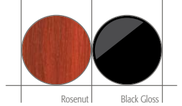
Not buying a new home or the car of your dreams right now? Staying home with friends and family—connecting and being entertained? When it comes to home entertainment, if you're looking for a well-priced mix of aesthetics and competitive performance, the Paradigm SE Series is the perfect choice. Designed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

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

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 more than 25 years.



Deep Impact

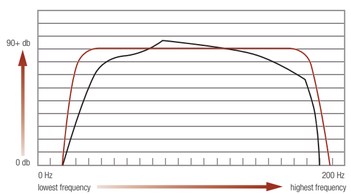
The SE Sub is a continuation of Paradigm's multi-year R&D effort to achieve exceptional bass performance from a compact footprint. The sonic benefits of Paradigm's digital signal processing, real-wood veneer cabinets and an unbelievable price point … what's not to love! Gorgeous aesthetics aside, not 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).

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



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 left).

PBK™ READY

Optional Paradigm Perfect Bass Kit™ digital room correction system.
Full details on page 26.

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.

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

SE Sub

Simplicity and elegance in form and function … the SE SUB is king of affordable compact lifestyle subwoofers … and don't underestimate the power behind the throne … this royal may be small, but with 900 watts Dynamic Peak power and 300 watts RMS Sustained, it can hold court with the best of them!

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

Black Ash

PDR-8

PDR-10

Stand Up Bass!

PDR Series subwoofers offer superb definition and deep bass impact for music and home theater. These high-performance designs use built-in high-performance, high-power amplifiers with high-current output, along with high-power 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!

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

Built-In High-Power, High-Performance Discrete Amplifiers provide tremendous high-current, low-distortion power:
PDR-8: 300 watts Dynamic Peak/100 watts RMS.
PDR-10: 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.

Shown: PDR-10

PDR Series

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

Shown: DSP-3400

Discreet installation: DSP-3400 inside a cabinet

DSP Series

"IMPRESSIVE … can handle the most dynamic low-frequency sound passages … a great value for the higher-end user looking for a subwoofer that can really pump out clear and tight deep bass in any size room without spending a fortune."

– Robert Silva, about.com

Advanced High-Power Class-D™ Amplifiers deliver massive amounts of high-current power with minimal distortion.
DSP-3100: 600 watts Dynamic Peak/200 watts RMS.
DSP-3200: 900 watts Dynamic Peak/300 watts RMS.
DSP-3400: 900 watts Dynamic Peak/300 watts RMS.

Forward-Firing Drivers with Advanced CAP™ Carbon/ Aramid-Fiber Polypropylene Cones. Advanced cone material combines exceptional stiffness/low mass with excellent internal damping for tremendous freedom from unwanted resonances.

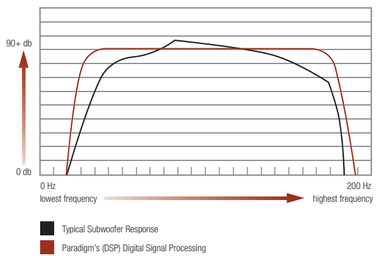
Advanced Suspension Design and Large Magnet Structures encourage extended cone excursion while maintaining superb control over cone movement.

High-Efficiency Dual-Ported Design. High-velocity low-noise ports with critically flared openings serve to reduce turbulence distortion. Front-ported design accommodates installation flexibility.

Removable Grilles with SVS™ Slot Ventilation System allow release of the enormous air pressure generated by these high-output designs.

Acoustically Inert MDF Enclosures serve to limit unwanted panel resonances and vibrations, ensuring clean, clear and very articulate bass performance.

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 subwoofers are playing at the loudest levels (see graph below).



Big Bass for a Small Space

High-power DSP Series subwoofers are the result of Paradigm's multi-year R&D effort to achieve exceptional high performance while accommodating the growing desire for installation flexibility. Not everyone wants a high-performance subwoofer on full display, so models are front-firing and front-ported with removable grilles, making them ideal for "hidden" installations. For those who want it all … exceptional high performance (including the sonic benefits of digital signal processing!), a smaller footprint, flexible placement options and killer price points, DSP subwoofers fit the bill.

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°)
- USB Port/PBK Interface

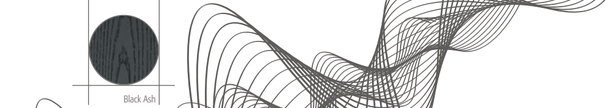
Input Facilities:

- Line-level Inputs

PBK™ READY

Optional Paradigm Perfect Bass Kit™ digital room correction system.
Full details on page 26.

www.paradigm.com



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.

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

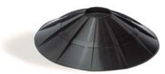
Control Facilities:

- 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

Proprietary Advanced High-Power Class-D™ Switching Amplifiers provide truly massive amounts of clean, high-current power as well as ultra-low distortion. Power output is 1950 watts Dynamic Peak/650 watts RMS.



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.

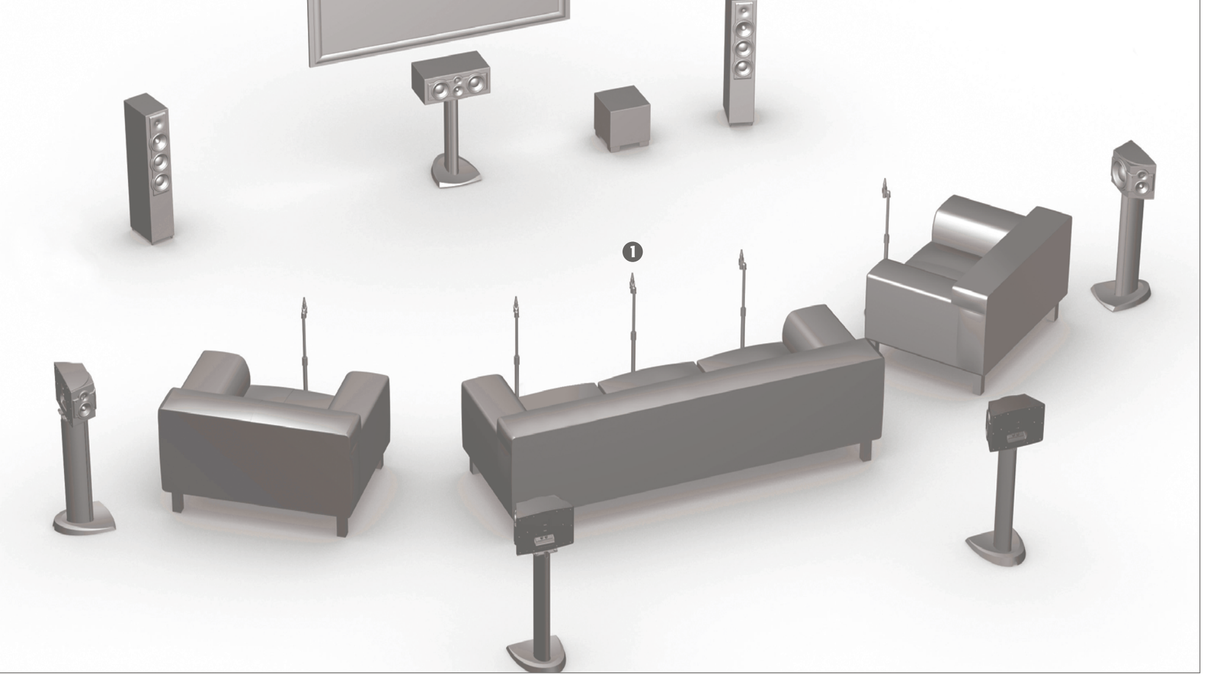
PBK™ READY Optional Paradigm Perfect Bass Kit™ digital room correction system.
Full details on page 26.

Shown: UltraCube™ 12

UltraCube™ Series

" 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



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.

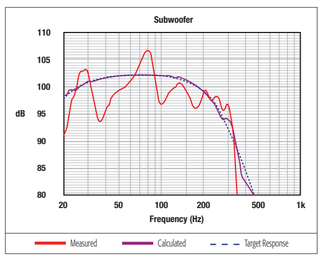
- **PBK applies Super-Efficient Infinite Impulse Response (IIR) Filters in addition to Custom Filter Topology:**
  This minimizes delay and reduces processing gain noise. The combined approach of limiting the width of IIR filters and applying custom topology means that any artifacts that might have resulted 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".

- **It's Easy-to-Use (at least your part is!):**
  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, two USB ports and the Paradigm Perfect Bass Kit. Paradigm even includes the two USB cables you'll need: one for the PBK 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 micro-phone. 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:

a taste of the high end.

Specifications

Cinema™	Cinema™ 70	Cinema™ 90	Cinema™ 110 L/R and 110 C	Cinema™ CC	Cinema™ ADP	Cinema™ 220	Cinema™ 330
Design	2-driver, 2-way acoustic suspension, mineral-filled polymer enclosure, MagneShield™ ††	2-driver, 2-way acoustic suspension, mineral-filled polymer enclosure, MagneShield™ ††	3-driver, 2-way acoustic suspension, mineral-filled polymer enclosure, MagneShield™ ††	3-driver, 2-way acoustic suspension center, mineral-filled polymer enclosure, MagneShield™††	4-driver, 2-way acoustic suspension surround/rear, mineral-filled polymer enclosure, optimized reverberant soundfield	3-driver, 2-way acoustic suspension, mineral-filled polymer enclosure, MagneShield™ ††	5-driver, 2-1/2-way acoustic suspension, mineral-filled polymer enclosure, MagneShield™ ††
Crossover(s)	3rd-order electro-acoustic at 2.0 kHz	3rd-order electro-acoustic at 2.3 kHz	3rd-order electro-acoustic at 2.0 kHz	3rd-order electro-acoustic at 2.2 kHz	3rd-order electro-acoustic at 2.0 kHz	4th-order electro-acoustic at 2.2 kHz	4th-order electro-acoustic at 2.0 kHz; 2nd-order electro-acoustic at 400 Hz
High-Frequency Driver(s)	25-mm (1 in) PTD™ dome	25-mm (1 in) PTD™ dome	25-mm (1 in) PTD™ dome	25-mm (1 in) PTD™ dome	Two 25-mm (1 in) PTD™ domes	25-mm (1 in) PTD™ dome, aluminum heatsink	25-mm (1 in) PTD™ dome, aluminum heatsink
Bass/Midrange Driver(s)	90-mm (3-1/2 in) ICP™ cone	115-mm (4-1/2 in) ICP™ cone	Two 115-mm (4-1/2 in) ICP™ cones	Two 90-mm (3-1/2 in) ICP™ cones	Two 90-mm (3-1/2 in) ICP™ cones	Two 131-mm (5-1/4 in) ICP™ cones	Two 115-mm (4-1/2 in) ICP™ cones, die-cast chassis
Bass Drivers	n/a	n/a	n/a	n/a	n/a	n/a	Two 115-mm (4-1/2 in) polypropylene cones, die-cast chassis
Low-Frequency Extension*	85 Hz (DIN)	75 Hz (DIN)	80 Hz (DIN)	85 Hz (DIN)	80 Hz (DIN)	75 Hz (DIN)	80 Hz (DIN)
Frequency Response: *On-Axis* *30° Off-Axis*	±2 dB from 125 Hz – 20 kHz ±2 dB from 125 Hz – 15 kHz	±2 dB from 110 Hz – 20 kHz ±2 dB from 110 Hz – 15 kHz	±2 dB from 120 Hz – 20 kHz ±2 dB from 120 Hz – 15 kHz	±2 dB from 130 Hz – 20 kHz ±2 dB from 130 Hz – 15 kHz	±2 dB from 120 Hz – 20 kHz (reverberant soundfield)	±2 dB from 115 Hz – 20 kHz ±2 dB from 115 Hz – 15 kHz	±2 dB from 110 Hz – 20 kHz ±2 dB from 110 Hz – 15 kHz
Sensitivity – Room/Anechoic	87 dB/84 dB	88 dB/85 dB	90 dB/87 dB	89 dB/86 dB	90 dB/87 dB	93 dB/90 dB	94 dB/91 dB
Suitable Amplifier Power Range	15 – 80 watts	15 – 100 watts	15 – 100 watts	15 – 100 watts	15 – 100 watts	15 – 110 watts	15 – 120 watts
Maximum Input Power†	40 watts	50 watts	70 watts	50 watts	50 watts	85 watts	100 watts
Impedance	Compatible with 8 ohms	Compatible with 8 ohms	Compatible with 8 ohms	Compatible with 8 ohms	Compatible with 8 ohms	Compatible with 8 ohms	Compatible with 8 ohms
Height, Width, Depth	17.8 cm x 10.8 cm x 14.0 cm 7 in x 4-1/4 in x 5-1/2 in	19.7 cm x 11.8 cm x 14.6 cm 7-3/4 in x 4-10/16 in x 5-3/4 in	**110 L/R:** 43.2 cm x 11.8 cm x 10.2 cm 17 in x 4-10/16 in x 4 in **110 C:** 11.8 cm x 43.2 cm x 10.2 cm 4-10/16 in x 17 in x 4 in	10.8 cm x 30.5 cm x 14.3 cm 4-1/2 in x 12 in x 5-10/16 in	19.1 cm x 12.1 cm x 13.4 cm 7-1/2 in x 4-3/4 in x 5-1/4 in	51.6 cm x 14.7 cm x 12.2 cm 20-5/16 in x 5-14/16 in x 4-13/16 in	62.2 cm x 16.1 cm x 10.5 cm 24-1/2 in x 6-5/16 in x 4-2/16 in
Weight (unpacked)	1.3 kg/3 lb each	1.6 kg/3.4 lb each	2.9 kg/6.4 lb each	2.2 kg/5.0 lb each	1.6 kg/3.6 lb each	3.8 kg/8.4 lb each	5.7 kg/12.6 lb each
Finishes	Silver, Black, White	Silver, Black, White	Silver, Black, White	Silver, Black, White	Silver, Black, White	Silver, Black, White	Silver, Black, Black Gloss
Paradigm® Stand (sold sep.)	LS-30	LS-30	LS-10, LS-20	n/a	LS-30	LS-15, LS-25	LS-18, LS-25

Specifications for individual Cinema™ speakers are provided earlier. Cinema™ CT Subwoofers only available as part of a Cinema™ CT system.

Cinema™ CT Systems	Cinema™ 70 CT Subwoofer	Cinema™ 90 CT Subwoofer	Cinema™ 110 CT Subwoofer
Design	Single-driver, bass-reflex, high-velocity low-turbulence resistive ports, built-in amplifier	Single-driver, bass-reflex, high-velocity low-turbulence resistive ports, built-in amplifier	Single-driver, bass-reflex, high-velocity low-turbulence resistive ports, built-in amplifier
Amplifier: High-Current, Discrete Output	250 watts Dynamic Peak/100 watts RMS Sustained	360 watts Dynamic Peak/120 watts RMS Sustained	450 watts Dynamic Peak/150 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) fiber-reinforced cone, 38-mm (1-1/2 in) voice-coil	254-mm (10 in) fiber-reinforced cone, 51-mm (2 in) voice-coil	254-mm (10 in) fiber-reinforced cone, 51-mm (2 in) voice-coil, oversized magnet
Low-Frequency Extension*	35 Hz (DIN)	32 Hz (DIN)	30 Hz (DIN)
Subwoofer Cut-Off Frequency	Variable 50 Hz – 200 Hz	Variable 50 Hz – 200 Hz	Variable 50 Hz – 200 Hz
Line-Level Input	Left/Right (Mono) line-level input from Sub-Out/LFE-Out of receiver/processor or other line-level source	Left/Right (Mono) line-level input from Sub-Out/LFE-Out of receiver/processor or other line-level source	Left/Right (Mono) line-level input from Sub-Out/LFE-Out of receiver/processor or other line-level source
Line-Level Input Sensitivity	103 mV	130 mV	160 mV
Line-Level Input Impedance	10 k ohms	10 k ohms	10 k ohms
Height, Width, Depth (height includes feet)	36.1 cm x 24.9 cm x 35.1 cm 14 in x 11 in x 12-1/2 in	39.7 cm x 29.2 cm x 35.6 cm 15-10/16 in x 11-1/2 in x 14 in	42.2 cm x 30.5 cm x 38.1 cm 16-10/16 in x 12 in x 15 in
Weight (unpacked)	11.1 kg/24.4 lb each	14.8 kg/32.6 lb each	16.8 kg/37 lb each
System Finish	Black	Black	Black

Monitor Series	Micro Monitor	Atom Monitor	Mini Monitor	Titan Monitor	Monitor 7	Monitor 9	Monitor 11
Design	2-driver, 2-way, bookshelf/ stand-mounted	2-driver, 2-way bass reflex, quasi-3rd-order resistive port	2-driver, 2-way bass reflex, quasi-3rd-order resistive port	2-driver, 2-way bass reflex, quasi-3rd-order resistive port	4-driver, 2-1/2-way bass reflex, quasi-3rd-order resistive port	4-driver, 2-1/2-way bass reflex, quasi-3rd-order resistive port	4-driver, 2-1/2-way bass reflex, quasi-3rd-order resistive port
Crossover(s)	3rd-order electro-acoustic at 2.4 kHz	2nd-order electro-acoustic at 2.2 kHz	2nd-order electro-acoustic at 2.0 kHz	2nd-order electro-acoustic at 1.8 kHz	3rd-order electro-acoustic at 2.0 kHz; 2nd-order electro-acoustic at 700 Hz (lower bass drivers)	3rd-order electro-acoustic at 1.9 kHz; 2nd-order electro-acoustic at 500 Hz (lower bass drivers)	3rd-order electro-acoustic at 2.3 kHz; 2nd-order electro-acoustic at 600 Hz (lower bass drivers)
High-Frequency Driver	25-mm (1 in) PTD™ dome, ferro-fluid cooled/damped	25-mm (1 in) H-PTD™ dome	25-mm (1 in) H-PTD™ dome	25-mm (1 in) H-PTD™ dome	25-mm (1 in) H-PTD™ dome	25-mm (1 in) H-PTD™ dome	25-mm (1 in) H-PTD™ dome
Bass/Midrange Driver	140-mm (5-1/2 in) ICP™ cone, 25-mm (1 in) voice coil	140-mm (5-1/2 in) M-ICP™ cone, 25-mm (1 in) voice-coil, GRIP™ chassis	165-mm (6-1/2 in) M-ICP™ cone, 25-mm (1 in) voice-coil, GRIP™ chassis	190-mm (7-1/2 in) M-ICP™ cone, 25-mm (1 in) voice-coil, GRIP™ chassis	140-mm (5-1/2 in) M-ICP™ cone, 25-mm (1 in) voice-coil, GRIP™ chassis	165-mm (6-1/2 in) M-ICP™ cone, 25-mm (1 in) voice-coil, die-cast heatsink chassis	190-mm (7-1/2 in) M-ICP™ cone, 25-mm (1 in) voice-coil, die-cast heatsink chassis
Bass Drivers	n/a	n/a	n/a	n/a	Two 140-mm (5-1/2 in) carbon-infused polypropylene cones, 25-mm (1 in) voice-coils, GRIP™ chassis	Two 165-mm (6-1/2 in) carbon-infused polypropylene cones, 25-mm (1 in) voice-coils, die-cast heatsink chassis	Two 190-mm (7-1/2 in) carbon-infused polypropylene cones, 25-mm (1 in) voice-coils, die-cast heatsink chassis
Low-Frequency Extension*	55 Hz (DIN)	50 Hz (DIN)	43 Hz (DIN)	39 Hz (DIN)	41 Hz (DIN)	39 Hz (DIN)	32 Hz (DIN)
Frequency Response: *On-Axis* *30° Off-Axis*	±2 dB from 89 Hz – 20 kHz ±2 dB from 89 Hz – 15 kHz	±2 dB from 90 Hz – 20 kHz ±2 dB from 90 Hz – 15 kHz	±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 54 Hz – 20 kHz ±2 dB from 54 Hz – 15 kHz	±2 dB from 51 Hz – 20 kHz ±2 dB from 51 Hz – 15 kHz	±2 dB from 48 Hz – 20 kHz ±2 dB from 48 Hz – 15 kHz
Sensitivity – Room/Anechoic	90/87 dB	90 dB/87 dB	92 dB/89 dB	93 dB/90 dB	94 dB/91 dB	96 dB/93 dB	97 dB/94 dB
Suitable Amplifier Power Range	15 – 80 watts	15 – 80 watts	15 – 100 watts	15 – 100 watts	15 – 180 watts	15 – 200 watts	15 – 250 watts
Maximum Input Power†	50 watts	50 watts	80 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	Compatible with 8 ohms	Compatible with 8 ohms
Height, Width, Depth	24.7 cm x 16.5 cm x 23.1 cm 9-3/4 in x 6-1/2 in x 9-1/8 in	27.7 cm x 16.5 cm x 25.8 cm 10-15/16 in x 6-1/2 in x 10-3/16 in	33.4 cm x 19.0 cm x 28.4 cm 13-3/16 in x 7-1/2 in x 11-13/16 in	46.8 cm x 21.5 cm x 30.1 cm 18-7/16 in x 8-1/2 in x 11-14/16 in	93.8 cm x 16.5 cm x 29.8 cm 36-15/16 in x 6-1/2 in x 11-3/4 in	102.3 cm x 19.0 cm x 33.6 cm 40-5/16 in x 7-1/2 in x 13-1/4 in	110.0 cm x 21.5 cm x 40.1 cm 43-5/16 in x 8-1/2 in x 15-13/16 in
Weight (unpacked)	3.7 kg/8.1 lb each	5.2 kg/11.5 lb each	7.7 kg/17 lb each	10 kg/22 lb each	16.7 kg/37 lb each	14.9 kg/44 lb each	24.5 kg/54 lb each
Finishes	Black Ash	Cherry, Rosenut, Black Ash, White, Wengé	Cherry, Rosenut, Black Ash, Wengé	Cherry, Rosenut, Black Ash, Wengé	Cherry, Rosenut, Black Ash, Wengé	Cherry, Rosenut, Black Ash, Wengé	Cherry, Rosenut, Black Ash, Wengé
Paradigm® Stands (sold sep.)	S-30	S-30, J-29	S-26, J-29	S-18, S-22, J-23	n/a	n/a	n/a

Monitor Series	CC-190	CC-290	CC-390	ADP-190	ADP-390
Design	4-driver, 3-way center channel, MagneShield™	4-driver, 3-way center channel, MagneShield™	7-driver, 3-way center channel, MagneShield™	4-driver, 2-way surround/rear	5-driver, 3-way surround/rear
Crossover(s)	2nd-order electro-acoustic at 2.8 kHz; 2nd-order electro-acoustic at 300 Hz (bass drivers)	2nd-order electro-acoustic at 2.5 kHz; 2nd-order electro-acoustic at 250 Hz (bass drivers)	2nd-order electro-acoustic at 2.4 kHz; 2nd-order electro-acoustic at 250 Hz (bass drivers)	2nd-order electro-acoustic at 2.0 kHz	2nd-order electro-acoustic at 3.0 kHz; 2nd-order electro-acoustic at 250 Hz (bass drivers)
High-Frequency Driver(s)	25-mm (1 in) H-PTD™ dome	25-mm (1 in) H-PTD™ dome	25-mm (1 in) H-PTD™ dome	Two 25-mm (1 in) H-PTD™ domes	Two 25-mm (1 in) H-PTD™ domes
Midrange Driver(s)	90-mm (3-1/2 in) M-ICP™ cone, 25-mm (1 in) voice-coil, GRIP™ chassis	115-mm (4-1/2 in) M-ICP™ cone, 25-mm (1 in) voice-coil, GRIP™ chassis	Two 115-mm (4-1/2 in) M-ICP™ cones, 25-mm (1 in) voice-coils, GRIP™ chassis	n/a	Two 115-mm (4-1/2 in) M-ICP™ cones, 25-mm (1 in) voice-coils, GRIP™ chassis
Bass/Midrange Drivers	n/a	n/a	n/a	Two 140-mm (5-1/2 in) M-ICP™ cones, 25-mm (1 in) voice-coils, GRIP™ chassis	n/a
Bass Driver(s)	Two 140-mm (5-1/2 in) carbon-infused cones, 25-mm (1 in) voice-coils, GRIP™ chassis	Two 165-mm (6-1/2 in) carbon-infused polypropylene cones, 25-mm (1 in) voice-coils, die-cast heatsink chassis	Four 165-mm (6-1/2 in) carbon-infused polypropylene cones, 25-mm (1 in) voice-coils, die-cast heatsink chassis	n/a	190-mm (7-1/2 in) carbon-infused polypropylene cone, 38-mm (1-1/2 in) voice-coil, die-cast heatsink chassis
Low-Frequency Extension*	54 Hz (DIN)	46 Hz (DIN)	43 Hz (DIN)	80 Hz (DIN)	70 Hz (DIN)
Frequency Response: *On-Axis* *30° Off-Axis*	±2 dB from 90 Hz – 20 kHz ±2 dB from 90 Hz – 17 kHz	±2 dB from 80 Hz – 20 kHz ±2 dB from 80 Hz – 17 kHz	±2 dB from 75 Hz – 20 kHz ±2 dB from 75 Hz – 17 kHz	±2 dB from 110 Hz – 20 kHz (reverberant soundfield)	±2 dB from 100 Hz – 20 kHz (reverberant soundfield)
Sensitivity – Room/Anechoic	93 dB/90 dB	94 dB/91 dB	97 dB/94 dB	90 dB/87 dB	90 dB/87 dB
Suitable Amplifier Power Range	15 – 120 watts	15 – 175 watts	15 – 200 watts	15 – 100 watts	15 – 175 watts
Maximum Input Power†	80 watts	120 watts	150 watts	80 watts	120 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	17.7 cm x 56.3 cm x 25.8 cm 7 in x 22-3/16 in x 10-3/16 in	19.8 cm x 67.9 cm x 29.0 cm 7-13/16 in x 26-3/4 in x 11-7/16 in	21.5 cm x 99.0 cm x 37.1 cm 8-1/2 in x 39 in x 14-10/16 in	26.1 cm x 18.7 cm x 16.1 cm 10-5/16 in x 7-6/16 in x 6-6/16 in	24.6 cm x 35.5 cm x 17.3 cm 9-11/16 in x 14 in x 6-13/16 in
Weight (unpacked)	9.2 kg/20.5 lb each	14.5 kg/32 lb each	27.6 kg/61 lb each	3.6 kg/8 lb each	5.8 kg/13 lb each
Finishes	Cherry, Rosenut, Black Ash, Wengé	Cherry, Rosenut, Black Ash, Wengé	Cherry, Rosenut, Black Ash, Wengé	Black, White	Black, White
Paradigm® Stand (sold sep.)	n/a	J-18C	J-18C	S-30	S-30, J-29

SE Series	SE1	SE CENTER	SE3
Design	2-driver, 2-way bookshelf/stand-mounted	4-driver, 3-way center channel	4-driver, 2-1/2-way floorstanding
Crossover	2nd-order electro-acoustic at 2.0 kHz	2nd-order electro-acoustic at 2.1 kHz; 2nd-order electro-acoustic at 300 Hz	2nd-order electro-acoustic at 2.0 kHz; 2nd-order electro-acoustic at 600 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	89-mm (3-1/2 in) S-PAL™ cone, (1 in) voice-coil, GRIP™ chassis	n/a
Bass/Midrange Driver	140-mm (5-1/2 in) S-PAL™ cone, 38-mm (1-1/2 in) voice coil, GRIP™ chassis	n/a	140-mm (5-1/2 in) S-PAL™ cone, 25-mm (1 in) voice-coil, GRIP™ chassis
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)	50 Hz (DIN)	40 Hz (DIN)
Frequency Response: *On-Axis* *30° Off-Axis*	±2 dB from 70 Hz – 20 kHz ±2 dB from 70 Hz – 15 kHz	±2 dB from 75 Hz – 20 kHz ±2 dB from 75 Hz – 17 kHz	±2 dB from 65 Hz – 20 kHz ±2 dB from 65 Hz – 15 kHz
Sensitivity – Room/Anechoic	88 dB/85 dB	91 dB/88 dB	93 dB/90 dB
Suitable Amplifier Power Range	15 – 120 watts	15 – 130 watts	15 – 200 watts
Maximum Input Power†	75 watts	100 watts	140 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	17.8 cm x 44.5 cm x 24.1 cm 7 in x 17-1/2 in x 9-1/2 in	86.4 cm x 16.5 cm x 25.4 cm 34 in x 6-1/2 in x 10 in
Weight (unpacked)	5.9 kg/12.9 lb each	9.4 kg/20.7 lb each	16.7 kg/36.9 lb each
Paradigm® Stand	S-30	n/a	n/a
Finishes	Black Gloss, Rosenut	Black Gloss, Rosenut	Black Gloss, Rosenut

PBK™ READY

	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) *NOTE: Feet must be used in every installation*	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

PDR Series	PDR-8	PDR-10
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
Amplifier: High-Current, Discrete Output	300 watts Dynamic Peak/ 100 watts RMS Sustained	360 watts Dynamic Peak/ 120 watts RMS Sustained
Amplifier Design Features	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
Low-Frequency Extension*	32 Hz (DIN)	29 Hz (DIN)
Subwoofer Cut-Off Frequency	Variable 35 Hz – 150 Hz; Bypass option	Variable 35 Hz – 150 Hz; Bypass option
Sub/Sat Phase Alignment	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
Height, Width, Depth (height includes feet; depth includes grille and amplifier)	35.6 cm x 30.5 cm x 36.2 cm 14 in x 12 in x 14-6/16 in	39.4 cm x 33.3 cm x 38.7 cm 15-1/2 in x 13-2/16 in x 15-1/4 in
Weight (unpacked)	10.9 kg/24 lb each	13.2 kg/29 lb each
Finish	Black Ash	Black Ash

PBK™ READY

DSP Series	DSP-3100	DSP-3200	DSP-3400
Design	Single driver, bass reflex, dual high-velocity low-turbulence resistive ports, built-in amplifier, USB Port/PBK Interface	Single driver, bass reflex, dual high-velocity low-turbulence resistive ports, built-in amplifier USB Port/PBK Interface	Single driver, bass reflex, dual high-velocity low-turbulence resistive ports, built-in amplifier USB Port/PBK Interface
Amplifier: High-Current, Discrete Output	600 watts Dynamic Peak/ 200 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	Auto-On/Off, soft clipping	Auto-On/Off, soft clipping
Bass Driver	255-mm (10 in) CAP™ cone, ceramic/ferrite magnet, 50-mm (2 in) 4-layer voice-coil, AVS™ die-cast heatsink chassis	305-mm (12 in) CAP™ cone, ceramic/ferrite magnet, 50-mm (2 in) 4-layer voice-coil, AVS™ die-cast heatsink chassis	355-mm (14 in) CAP™ cone, ceramic/ferrite magnet, 50-mm (2 in) 4-layer voice-coil, dual spiders, AVS™ die-cast heatsink chassis
Low-Frequency Extension*	24 Hz (DIN)	22 Hz (DIN)	19 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	Variable 0° – 180°	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	RCA. (L/R-Mono) for L/R line out or Sub-Out/LFE-Out of receiver/processor or other line-level source
Speaker-Level Input	From Left/Right speaker terminals of receiver, amplifier or main/satellite speakers	From Left/Right speaker terminals of receiver, amplifier or main/satellite speakers	From Left/Right speaker terminals of receiver, amplifier or main/satellite speakers
Height, Width, Depth (height includes feet; depth includes grille and amplifier)	41.3 cm x 31.1 cm x 42.5 cm 16-1/4 in x 12-1/4 in x 16-3/4 in	46.4 cm x 35.6 cm x 49.5 cm 18-1/4 in x 14 in x 19-1/2 in	56.5 cm x 40.0 cm x 53.2 cm 22-1/4 in x 15-3/4 in x 21 in
Weight (unpacked)	18.2 kg/40 lb each	24.5 kg/54 lb each	29.5 kg/64.8 lb each
Finish	Black Ash	Black Ash	Black Ash

PBK™ READY

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
Cinema 70	Bookshelf/Stand/Wall-Mounted	Cinema CC	Cinema 70/Cinema ADP	Cinema 70/Cinema ADP	PDR-8
Cinema 90	Bookshelf/Stand/Wall-Mounted	Cinema CC	Cinema ADP	Cinema ADP	PDR-8/PDR-10
Cinema 110	Bookshelf/Stand/Wall-Mounted	Cinema 110 C	Cinema ADP	Cinema ADP	PDR-10/DSP-3100
Cinema 220	Stand/Wall-Mounted	Cinema 220	Cinema ADP/ADP-190	Cinema ADP/ADP-190	DSP-3100/DSP-3200
Cinema 330	Stand/Wall-Mounted	Cinema 330	Cinema ADP/ADP-190	Cinema ADP/ADP-190	UltraCube 10
Micro Monitor	Bookshelf/Stand/Wall-Mounted	Cinema 110 C/Cinema 220	Cinema ADP/ADP-190	Cinema ADP/ADP-190	PDR-8/PDR-10
Atom Monitor	Bookshelf/Stand-Mounted	CC-190	ADP-190	ADP-190	PDR-10/DSP-3100
Mini Monitor	Bookshelf/Stand-Mounted	CC-190/CC-290	ADP-190/ADP-390	ADP-190/ADP-390	DSP-3100
Titan Monitor	Bookshelf/Stand-Mounted	CC-190/CC-290	ADP-190/ADP-390	ADP-190/ADP-390	DSP-3200/UltraCube 10
Monitor 7	Floorstanding	CC-290/CC-390	ADP-390	ADP-390	DSP-3200/UltraCube 10
Monitor 9	Floorstanding	CC-290/CC-390	ADP-390	ADP-390	DSP-3400/UltraCube 12
Monitor 11	Floorstanding	CC-390	ADP-390	ADP-390	DSP-3400/UltraCube 12
SE 1	Bookshelf/Stand-Mounted	SE Center	SE 1/ADP-190	SE 1/ADP-190	SE Sub
SE 3	Floorstanding	SE Center	SE 1/ADP-190	SE 1/ADP-190	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® a sensory experience