



Paradigm® | HD
HIGH-DEFINITION SOUND

A sensory experience

Paradigm Rated #1 ... for Nineteen Years!

Only Paradigm® has been rated #1 in Price/Value by the distinguished publication *Inside Track** for nineteen years. We have also been awarded "First Place 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!



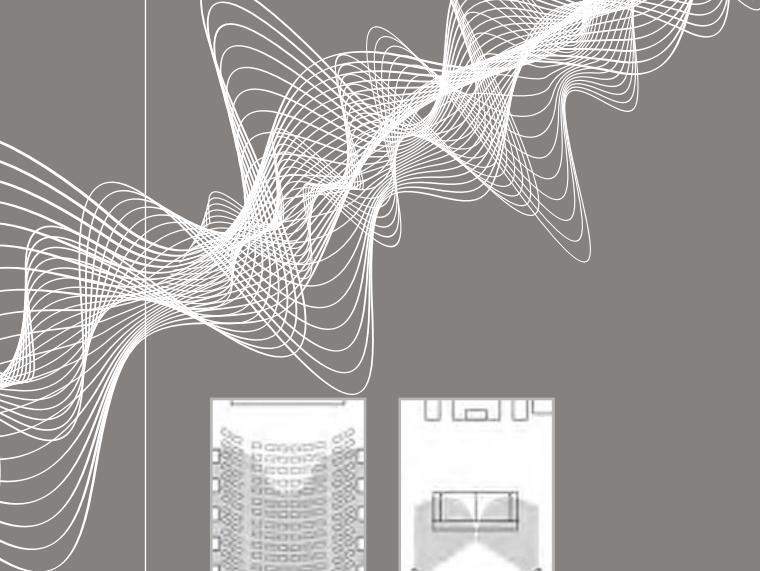


Fig. 1
Movie Theater
Surrounds

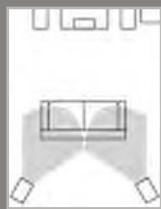


Fig. 2
Forward-Radiating
Surrounds

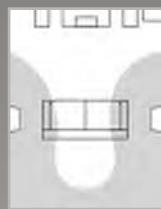


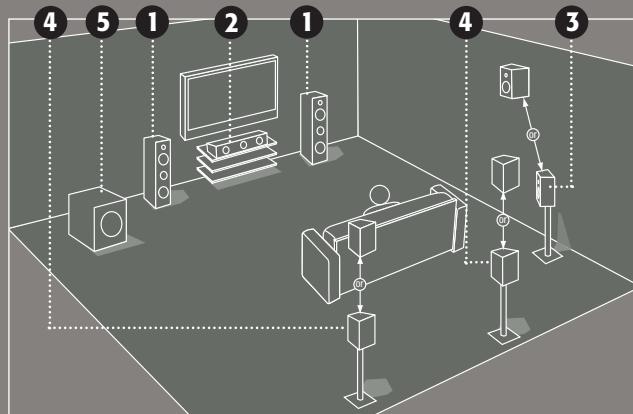
Fig. 3
Reverberant
Surrounds for
5.1 Configuration



Fig. 4
Reverberant
Surrounds and Rear
for 6.1 Configuration



Fig. 5
Reverberant
Surrounds and Rears
for 7.1 Configuration



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"!

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 TV 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.

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?

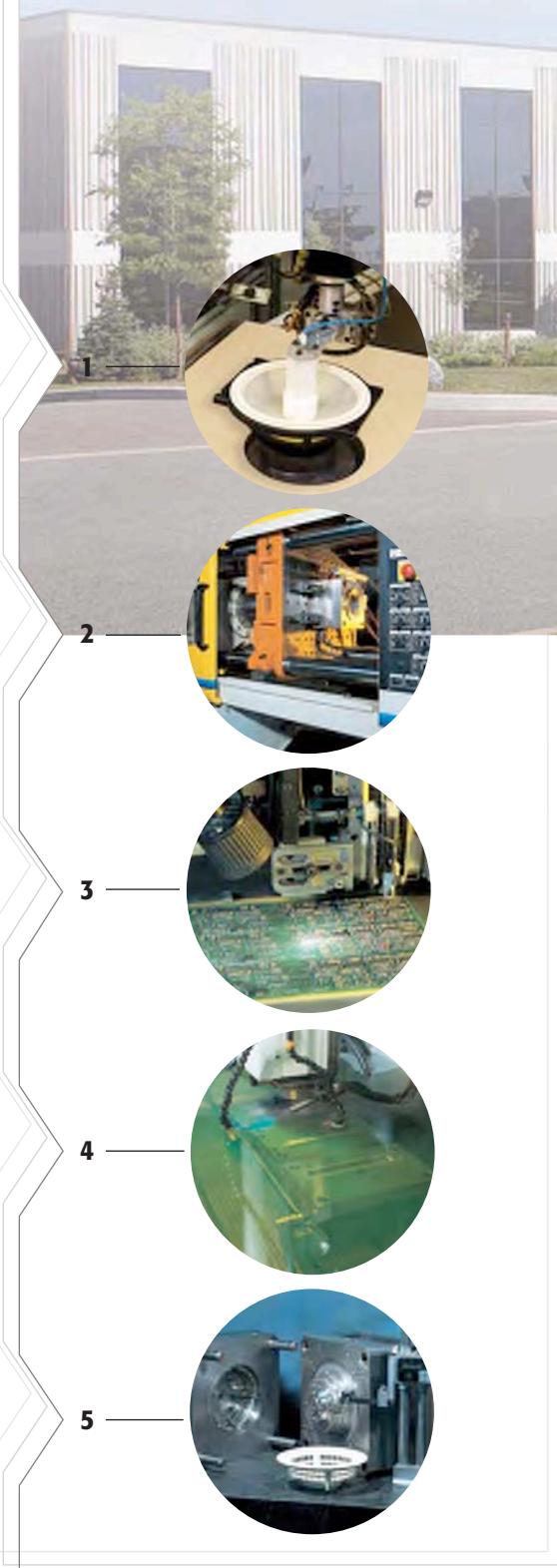
Design Type

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!



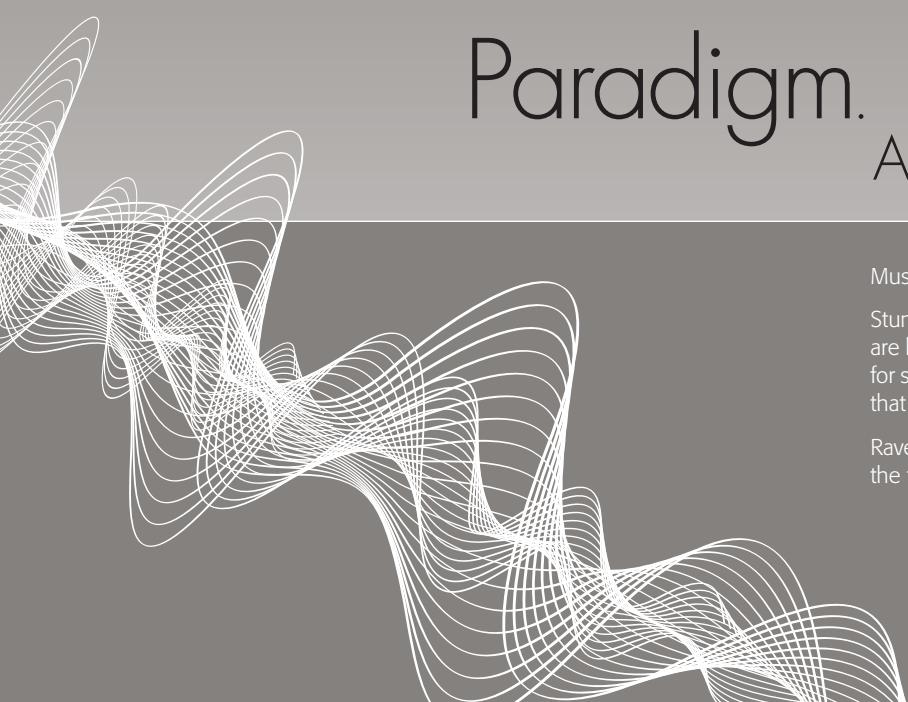
Paradigm's 225,000-sq.-ft. (21,000 sq. m) manufacturing facility and headquarters

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.

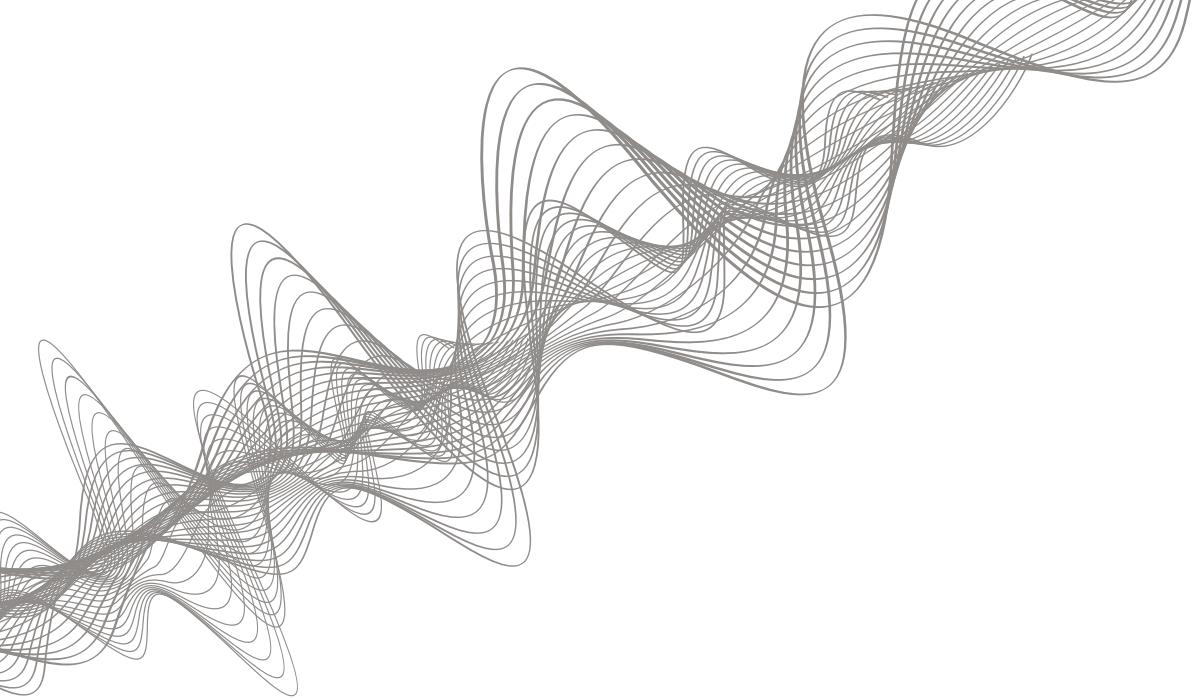
Music and movies are a sensory experience ... and nothing delivers that experience like Paradigm® speakers.

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 ...

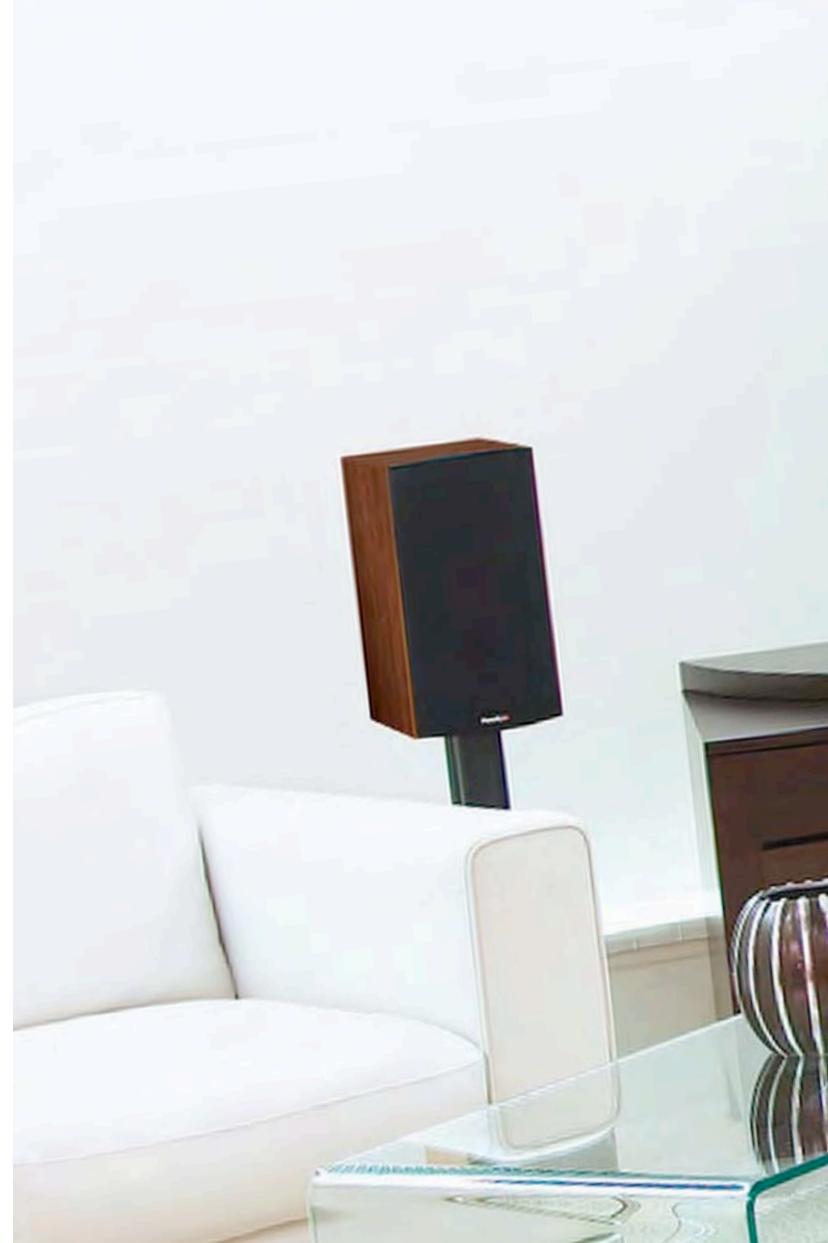


Monitor Series

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.





Shown: Atom Monitor on S-30 stand with CC-190

"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





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.



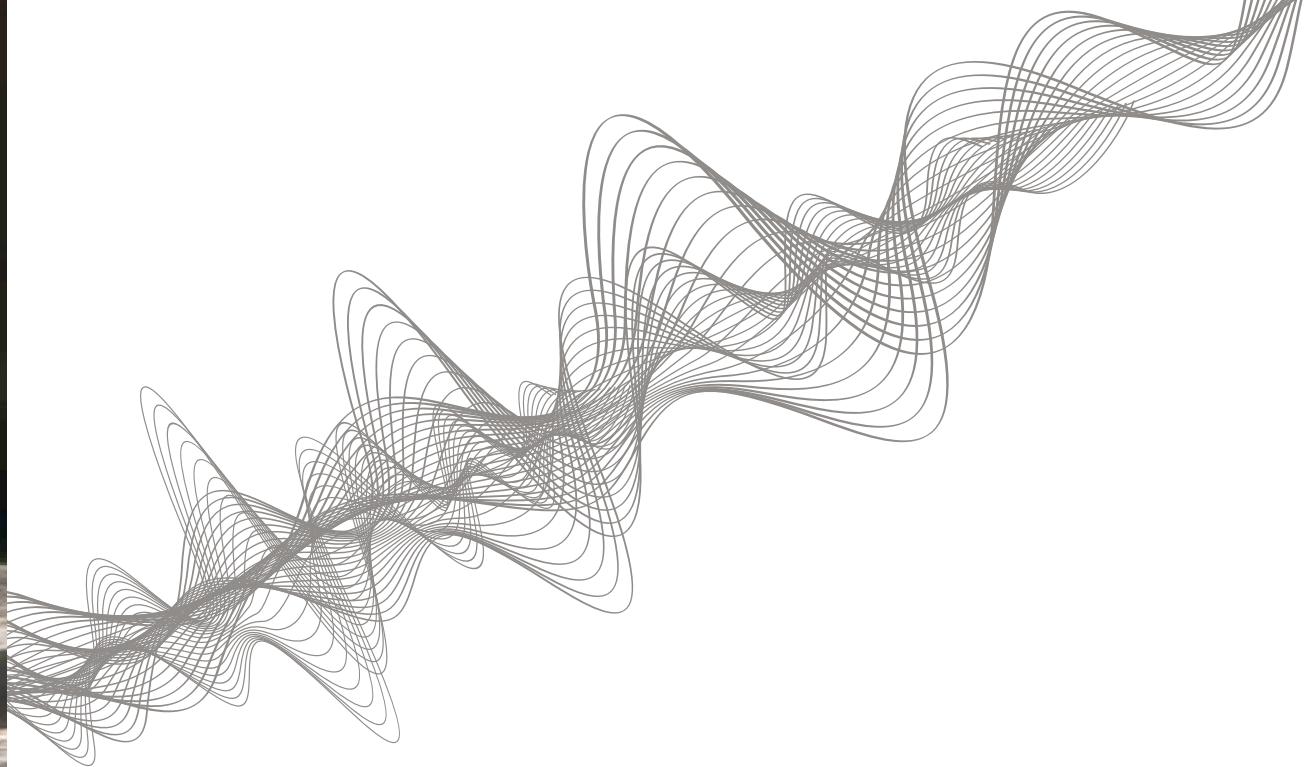
See specifications page for available finishes for each model



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 breathtaking clarity and accuracy. The result is performance that rivals far more expensive high-end speaker designs.

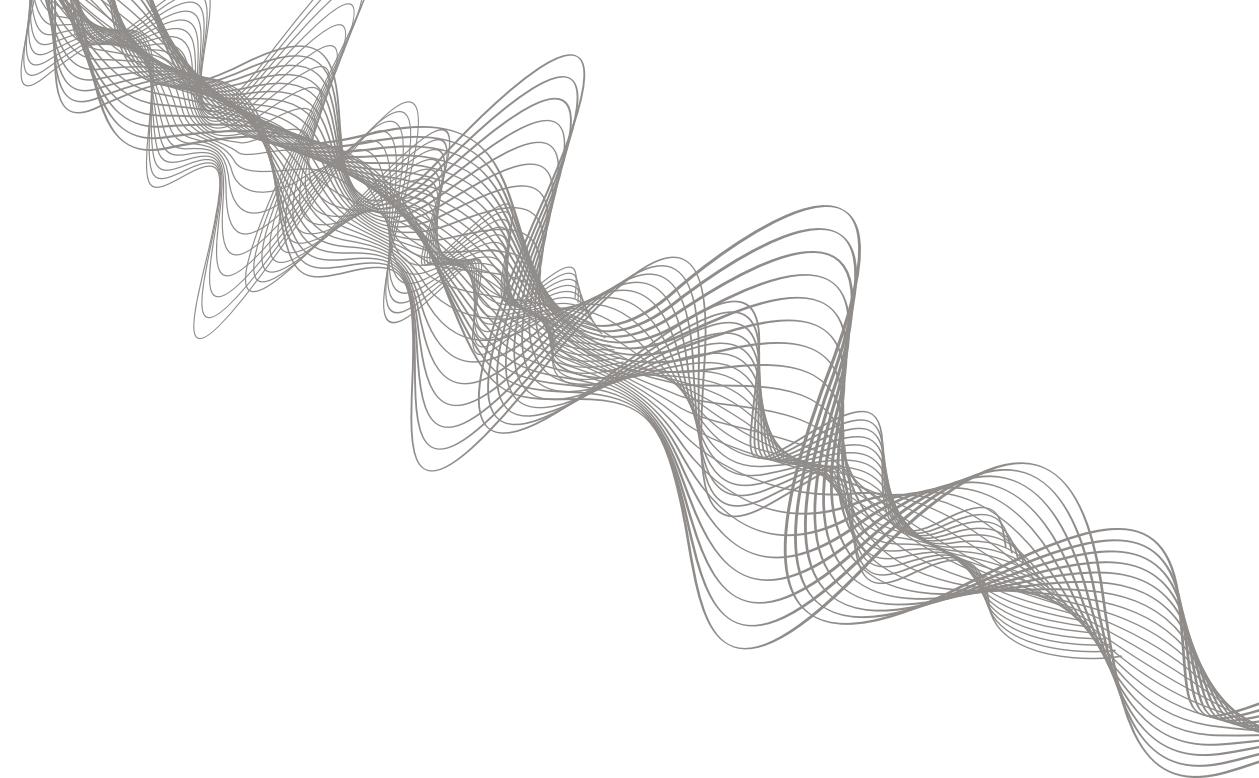
High-Pressure Die-Cast Aluminum or GRIP™ Glass-Reinforced Injection-Molded Polymer Chassis (varies by model) are exceptionally rigid to eliminate flexing and ringing, while also functioning as heatsinks for greater power handling.





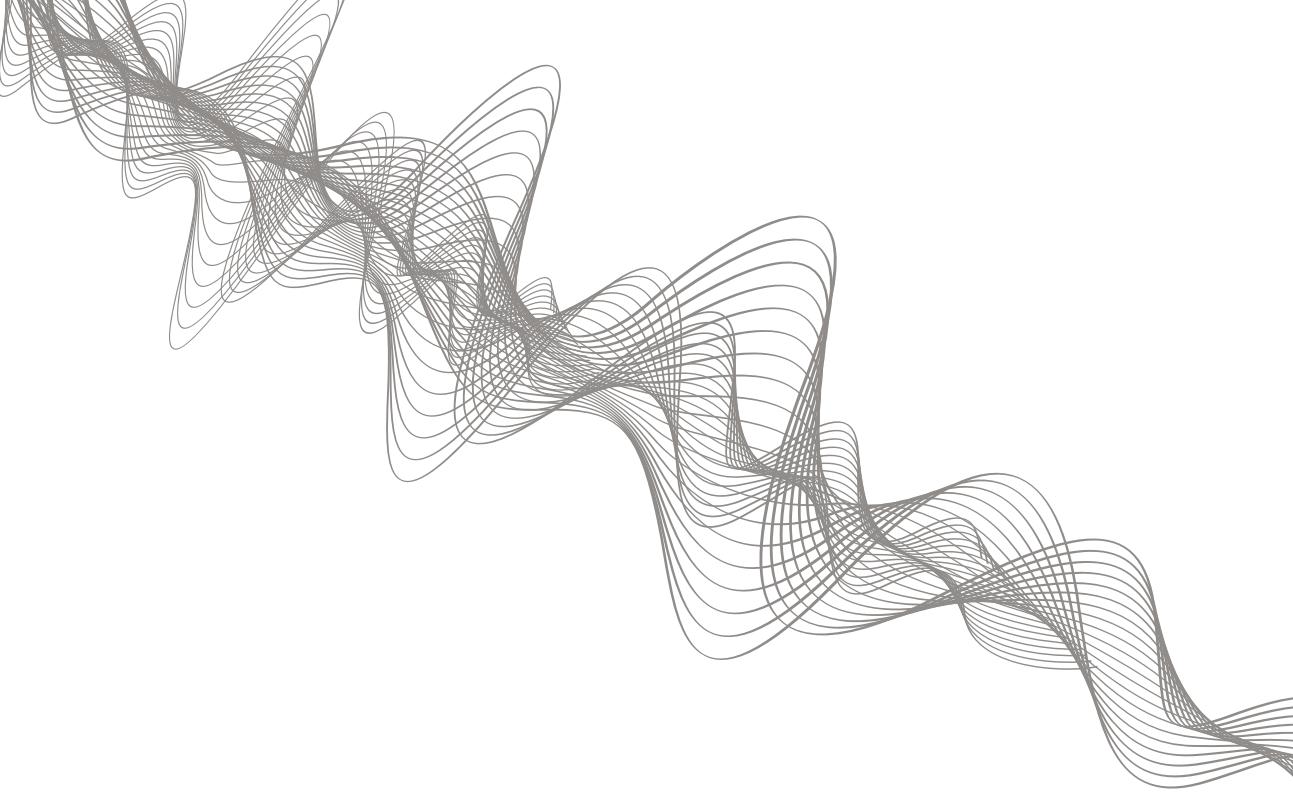
An experience
you can
see ...





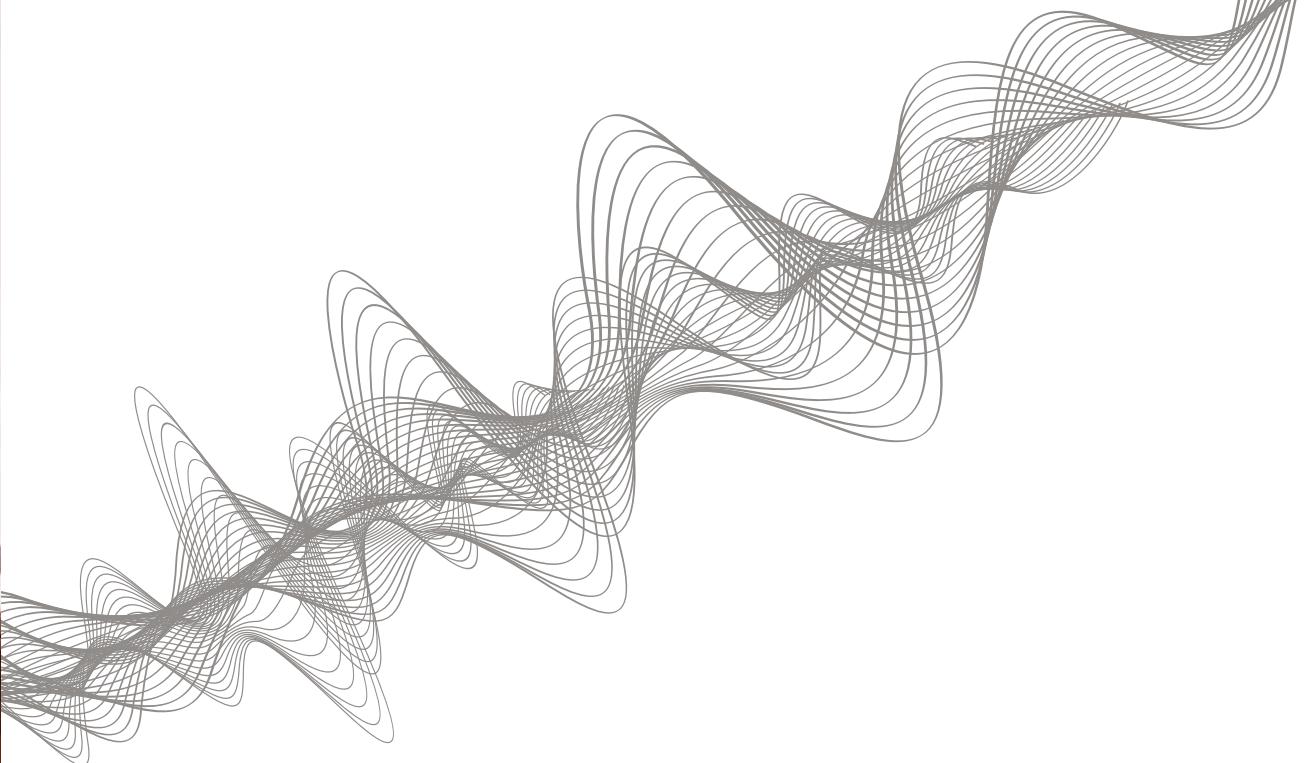
An experience
that touches
you ...





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



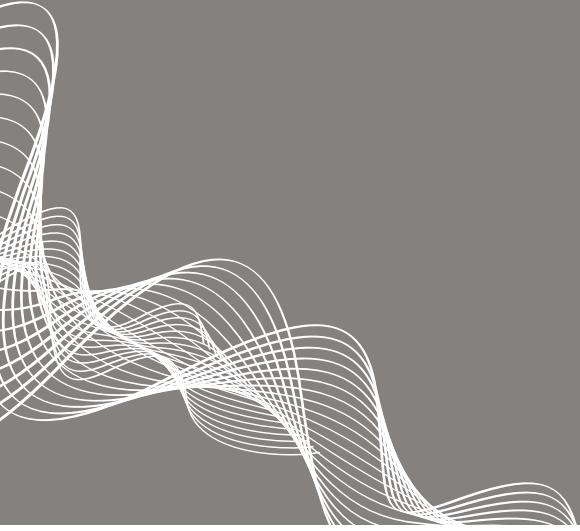


Paradigm® speakers:

^ataste of the
high end.

Monitor Series	Atom Monitor	Mini Monitor	Titan Monitor	Monitor 7	Monitor 9	Monitor 11
Design (MagneShield™ Optional) ††	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)	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) 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) 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	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*	50 Hz (DIN)	43 Hz (DIN)	39 Hz (DIN)	41 Hz (DIN)	39 Hz (DIN)	32 Hz (DIN)
Frequency Response: <i>On-Axis</i>	±2 dB from 90 Hz – 20 kHz	±2 dB from 70 Hz – 20 kHz	±2 dB from 65 Hz – 20 kHz	±2 dB from 54 Hz – 20 kHz	±2 dB from 51 Hz – 20 kHz	±2 dB from 48 Hz – 20 kHz
<i>30° Off-Axis</i>	±2 dB from 90 Hz – 15 kHz	±2 dB from 70 Hz – 15 kHz	±2 dB from 65 Hz – 15 kHz	±2 dB from 54 Hz – 15 kHz	±2 dB from 51 Hz – 15 kHz	±2 dB from 48 Hz – 15 kHz
Sensitivity – Room / Anechoic	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 – 100 watts	15 – 100 watts	15 – 180 watts	15 – 200 watts	15 – 250 watts
Maximum Input Power †	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			
Height, Width, Depth	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 11-7/8 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)	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	Cherry, Rosenut, Black Ash, White, Wengé, MagneShield™ ††	Cherry, Rosenut, Black Ash, Wengé, MagneShield™ ††	Cherry, Rosenut, Black Ash, Wengé, MagneShield™ ††	Cherry, Rosenut, Black Ash, Wengé, MagneShield™ ††	Cherry, Rosenut, Black Ash, Wengé, MagneShield™ ††	Cherry, Rosenut, Black Ash, Wengé, MagneShield™ ††
Paradigm® Stand (sold sep.)	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: <i>On-Axis</i>	±2 dB from 90 Hz – 20 kHz	±2 dB from 80 Hz – 20 kHz	±2 dB from 75 Hz – 20 kHz	±2 dB from 110 Hz – 20 kHz	±2 dB from 100 Hz – 20 kHz
<i>30° Off-Axis</i>	±2 dB from 90 Hz – 17 kHz	±2 dB from 80 Hz – 17 kHz	±2 dB from 75 Hz – 17 kHz	(reverberant soundfield)	(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 14-5/8 in	26.1 cm x 18.7 cm x 16.1 cm 10-5/16 in x 7-3/8 in x 6-3/8 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



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