ROME WASN’T BUILT IN A DAY. NEITHER WAS MONITOR.

It took three emperors and 15 years to build Rome’s colosseum, architecture that still elicits awe centuries later. And while we’re not so bold as to compare the colosseum to the new Series 7, you have to admit the speakers look more than a little awesome in the backdrop of Ancient Rome. Good architecture will stand up well over time, as will good sonic architecture. Our Monitor Series 7 is a classic example. Now in its seventh iteration, each new generation is an opportunity for refinement: design innovations from our higher-priced reference lineups, reference-quality component parts, cabinets and even finishes!

We can’t promise it will still be around in two thousand years, but we can promise it will play louder, plumb deeper, look smarter and sound better than any other brand in its price range.
IN THE ARENA WITH
MONITOR SERIES 7

EVEN BETTER PERFORMANCE DESPITE
A 20% SMALLER FOOTPRINT

• Monitor 11 is now the size of Monitor 9 v.6.
• Monitor 9 is now the size of Monitor 7 v.6.
• Monitor 7 is a brand new size — 20% smaller.
• No change to the size of bookshelf models.
• Center channels are slightly smaller to suit today’s A/V furniture.
• New low-profile Surround 1 and Surround 3 are a compact, extremely easy-to-place design both sonically and physically.

THE ROMAN PLINTH

New Monitor floorstanders sit on a plinth, a sleek and secure base that provides stability for the slimmer footprint. An aesthetically pleasing columnar look (the inspiration behind our Roman colosseum approach!), the plinth removes the need for outrigger feet.

A MORE SONICALLY TRANSPARENT GRILLE DESIGN

• New self-aligning magnetic grille assemblies offer fit-like-a-glove contact: Hold the grille close to the baffle and presto, the powerful dual magnets will ‘pull’ the grille perfectly into place.
• Honeycomb architecture removes the opportunity for sound to lie captive in grille corners … a far more spacious and transparent sonic presentation emerges.
• Precision-engineered edge radius prevents the physical frame of the grille from inducing sound-coloring edge diffraction.

Grilles on or grilles off, Monitor speakers sound equally as good!

TRENDS IN COLOR

After studying furniture trends around the world our research showed Heritage Cherry to be a winner. It’s now on the Monitor menu. Black is always chic, always complementary, so Black Ash continues as a finish but … with a rich new wood grain, deeper and more realistic than any previous iteration.
KEYSTONE ACOUSTICS:
MONITOR SERIES 7

The whole point of being as passionate about R&D as Paradigm are the many advantages that come with having your own R&D center, anechoic chamber and double blind listening rooms. It means twists and turns, tweaks and testing along the way, all in the name of making sound better with each new generation of speakers!

ABOUT THE TWEETERS

Series 7 tweeters are satin-anodized pure-aluminum (S-PAL™) vs. the titanium of earlier generations, ferro-fluid cooled and damped. Highs are more soaring and spacious, crystal clear and undiluted even at the highest output. Note the new wire mesh tweeter guard (you’ve seen this in our ultimate high-end Signature Series). Not simply protection for the S-PAL™ tweeter, the mesh and WaveGuide™ technology do a superb job of dispersing sound across a wide listening area.
ABOUT BASS/MID & BASS DRIVERS

Loads of Reference technology makes an appearance and where appropriate, cone elements were FEA optimized for performance.

• **S-PAL™ Satin-Anodized Pure-Aluminum Bass/Midrange Cones.** First seen in our Paradigm Reference lineup, with very high stiffness-to-mass ratio and outstanding internal damping. The result? Remarkable midrange clarity, superb extended bass response and freedom from unwanted resonances and distortions.

• **Sonic Solidarity!** A sealed chamber behind the dedicated midrange driver, made of GRIP™ glass-reinforced injection-molded polymer. The design prevents the massive air pressure generated by the woofer from coloring sound output.

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

• **Long-Travel Motor/Magnet Structures.** Despite fewer drivers in some models, floorstanding and center channel speakers actually play deeper. This is in part attributable to the advanced structures: high-temperature copper or aluminum wire voice coils wound on Kapton® formers, oversize magnets and FEA optimized pole piece/top plate.
• The Ideal Response Characteristics of our Monitor Series drivers are promoted through sophisticated crossover networks aligned with reference-quality components that include: polypropylene film or bipolar electrolytic capacitors, air core and laminated core inductors and high-power resistors. Crossover topologies are first- and second-order with corresponding acoustic slopes of second- and third-order providing optimal bandwidth and seamless integration as the drivers cross over.

• New Foam Rubber/Elastomer Surrounds and Advanced Nomex® Spiders. (Reference Studio series geometry!) help achieve that play loud AND play deep effect by expanding to allow the cone to travel not only farther but more freely, with appropriate cone control of course.

NOT JUST A NEW BAFFLE, A WHOLE NEW BAFFLE DESIGN

• A clean aesthetic … nothing to see but the beautiful drivers, no screws or fasteners visible.

• Thick and rigid 3/4” MDF across the line-up.

• FEA-optimized (including stress analysis) to overcome the limitations of the physical materials. A modal frequency analysis allowed us to deliver the most resonance-, vibration- and coloration-free Monitor Series cabinet baffle to date.

• Critically-tuned to the rest of the cabinet.

• Rap on the baffle … you’ll hurt nothing but your knuckles!
GLADIATORS OF SURROUND TECHNOLOGY

HIGH-PERFORMANCE LOW-PROFILE BI-DIRECTIONAL DESIGN

• Will appeal to the audiophile eager for an affordable high-end 5.1 music and home theater experience that includes Paradigm’s sought-after “surrounded-by-sound” experience in a dedicated high-performance surround speaker of compact dimensions.

• The low-profile is application-friendly: perfectly suited for today’s multi-purpose listening spaces.

• In recording studios, discrete multichannel mixing is the order of the day. Bidirectional in nature, the new coherent surround technology reproduces the surround experience exactly as the sound engineers envisioned. The speakers add size, depth and dimension to the soundstage while enveloping you in non-localized sound.

• The bidirectional technology also ensures extreme placement flexibility! It is more forgiving in areas where room dimensions, room characteristics and/or room configuration (or all of these!) may not be optimal for a music and home theater setup. In multi-use rooms where ideal surround speaker placement is neither possible or practical, Monitor Surrounds should be your first response.

• We call them surrounds, but they’re also ideal as rear speakers in a 7.1 setup.
THE BUILDING BLOCKS: MONITOR DRIVERS

1. Pole piece
2. Oversize ceramic/ferrite magnet
3. Top plate
4. Satin-anodized pure-aluminum dome (one-piece dome and voice coil)
5. Mesh tweeter guard
6. GRIP™ WaveGuide™ coupling
7. Sealed chamber (on dedicated midrange driver)
8. High-loss damping pads
9. GRIP™ glass-reinforced injection-molded copolymer chassis
10. Copper or aluminum wire voice coils wound on Kapton®, forms (varies by model)
11. Terminal
12. Nomex® spider
13. Satin-anodized pure-aluminum bass/midrange and dedicated midrange cones
14. Satin-anodized aluminum or polypropylene dustcaps (varies by model)
15. Injection-molded carbon-infused polypropylene bass cone with high mica content

High-Frequency Driver Components

Bass/Midrange and Dedicated Midrange Driver Components

Bass Driver Components
# A Study in the Mechanical Arts

## Atom Monitor

**Design**
- 2-driver, 2-way bass reflex, quasi-3rd-order resistive port, bookshelf / stand-mounted

**Crossover**
- 2nd-order electro-acoustic at 2.0 kHz

**High-Frequency Driver**
- 25-mm (1 in) SPAL™ satin-anodized pure-aluminum dome tweeter, ferro-fluid cooled and damped

**Midrange Driver**
- N/A

**Bass / Midrange Driver**
- 140-mm (5-1/2 in) SPAL™ satin-anodized pure-aluminum cone, 25-mm (1 in) high-temperature voice-coil, oversize ceramic / ferrite magnets, GRIP™ glass-reinforced injection-molded polymer chassis

**Bass Driver**
- N/A

**Low-Frequency Extension**
- 50 Hz

**Frequency Response**
- On-Axis: ±2 dB from 86 Hz – 22 kHz
- 30° Off-Axis: ±2 dB from 86 Hz – 18 kHz

**Sensitivity – Room / Anechoic**
- 90 dB / 87 dB

**Suitable Amplifier Power**
- 15 – 80 watts

**Maximum Input Power**
- 50 watts

**Impedance**
- Compatible with 8 ohms

## Mini Monitor

**Design**
- 2-driver, 2-way bass reflex, quasi-3rd-order resistive port, bookshelf / stand-mounted

**Crossover**
- 2nd-order electro-acoustic at 2.0 kHz

**High-Frequency Driver**
- 25-mm (1 in) SPAL™ satin-anodized pure-aluminum dome tweeter, ferro-fluid cooled and damped

**Midrange Driver**
- N/A

**Bass / Midrange Driver**
- 165-mm (6-1/2 in) SPAL™ satin-anodized pure-aluminum cone, 25-mm (1 in) high-temperature voice-coil, oversize ceramic / ferrite magnets, GRIP™ glass-reinforced injection-molded polymer chassis

**Bass Driver**
- N/A

**Low-Frequency Extension**
- 42 Hz

**Frequency Response**
- On-Axis: ±2 dB from 75 Hz – 22 kHz
- 30° Off-Axis: ±2 dB from 75 Hz – 18 kHz

**Sensitivity – Room / Anechoic**
- 90 dB / 87 dB

**Suitable Amplifier Power**
- 15 – 100 watts

**Maximum Input Power**
- 80 watts

**Impedance**
- Compatible with 8 ohms

**Dimensions**
- **Atom Monitor**:
  - (h x w x d): 28.2 cm x 16.8 cm x 22.5 cm
  - (11 in x 6-5/8 in x 8-7/8 in)
  - Weight (unpacked): 4.8 kg / 10.5 lb per speaker

- **Mini Monitor**:
  - (h x w x d): 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)
  - Weight (unpacked): 7.7 kg / 17 lb per speaker

**Finishes**
- Black Ash, Heritage Cherry

**Paradigm Stands**
- (sold separtely)
  - **Atom Monitor**: S-30, J-29
  - **Mini Monitor**: S-26, J-29
### MONITOR 7

**Design**
- 3-driver, 2-1/2-way bass reflex, quasi-3rd-order resistive port, floorstanding model

**Crossover**
- 3rd-order electro-acoustic at 2.0 kHz; 3rd-order electro-acoustic at 700 Hz (lower bass driver)

**High-Frequency Driver**
- 25 mm (1 in) SPAL™ satin-anodized pure-aluminum dome tweeter, ferro-fluid cooled and damped

**Midrange Driver**
- N/A

**Bass / Midrange Driver**
- 140 mm (5-1/2 in) SPAL™ satin-anodized pure-aluminum cone, 25 mm (1 in) high-temperature voice-coil, oversize ceramic / ferrite magnets, GRIP™ glass-reinforced injection-molded polymer chassis

- **Bass Driver**
  - 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

- **Low-Frequency Extension**
  - 34 Hz

- **Frequency Response**
  - **On-Axis:** ±2 dB from 48 Hz – 22 kHz
  - **30˚ Off-Axis:** ±2 dB from 48 Hz – 18 kHz

- **Sensitivity – Room / Anechoic**
  - 91 dB / 88 dB

- **Suitable Amplifier Power**
  - 15 – 180 watts

- **Maximum Input Power**
  - 130 watts

- **Impedance**
  - Compatible with 8 ohms

**Dimensions**
- **(h x w x d)**
  - 91.6 cm x 17.5 cm x 22.9 cm
  - 36 in x 6-7/8 in x 9 in

**Weight (unpacked)**
- 14.8 kg / 32.6 lb per speaker

**Finishes**
- Black Ash, Heritage Cherry

**Paradigm Stands** (sold sep.)
- N/A

### MONITOR 9

**Design**
- 4-driver, 2-1/2-way bass reflex, quasi-3rd-order resistive port, floorstanding model

**Crossover**
- 3rd-order electro-acoustic at 2.0 kHz; 2nd-order electro-acoustic at 700 Hz (lower bass drivers)

**High-Frequency Driver**
- 25 mm (1 in) SPAL™ satin-anodized pure-aluminum dome tweeter, ferro-fluid cooled and damped

**Midrange Driver**
- N/A

**Bass / Midrange Driver**
- 140 mm (5-1/2 in) SPAL™ satin-anodized pure-aluminum cone, 25 mm (1 in) high-temperature voice-coil, 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

- **Low-Frequency Extension**
  - 31 Hz

- **Frequency Response**
  - **On-Axis:** ±2 dB from 46 Hz – 22 kHz
  - **30˚ Off-Axis:** ±2 dB from 46 Hz – 18 kHz

- **Sensitivity – Room / Anechoic**
  - 91 dB / 88 dB

- **Suitable Amplifier Power**
  - 15 – 200 watts

- **Maximum Input Power**
  - 150 watts

- **Impedance**
  - Compatible with 8 ohms

**Dimensions**
- **(h x w x d)**
  - 101.6 cm x 17.5 cm x 26.5 cm
  - 40 in x 6-7/8 in x 10-1/2 in

**Weight (unpacked)**
- 19.1 kg / 42 lb per speaker

**Finishes**
- Black Ash, Heritage Cherry

**Paradigm Stands** (sold sep.)
- N/A
### MONITOR 11

**Design**
- 5-driver, 3-way bass reflex
- quasi-3rd-order resistive port
- floorstanding model

**Crossover**
- 3rd-order electro-acoustic at 2.2 kHz
- 2nd-order electro-acoustic at 700 Hz (lower bass drivers)

**High-Frequency Driver**
- 25-mm (1 in) SPAL™ satin-anodized pure-aluminum dome tweeter, ferro-fluid cooled and damped

**Midrange Driver**
- 140-mm (5-1/2 in) SPAL™ satin-anodized pure-aluminum cone, ferro-fluid cooled and damped

**Bass / Midrange Driver**
- N/A

**Bass Driver(s)**
- Three 165-mm (6-1/2 in) carbon-infused polypropylene cones, 25-mm (1 in) high-temperature voicecoils, oversize ceramic / ferrite magnets, GRIP™ glass-reinforced injection-molded polymer chassis

**Low-Frequency Extension**
- 30 Hz

**Frequency Response**
- On-Axis: ±2 dB from 42 Hz – 22 kHz
- 30° Off-Axis: ±2 dB from 42 Hz – 18 kHz

**Sensitivity – Room / Anechoic**
- 93 dB / 90 dB

**Suitable Amplifier Power**
- 15 – 250 watts

**Maximum Input Power**
- 180 watts

**Impedance**
- Compatible with 8 ohms

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### CENTER 1

**Design**
- 4-driver, 3-way center channel

**Crossover**
- 2nd-order electro-acoustic at 3.0 kHz
- 2nd-order electro-acoustic at 550 Hz (bass drivers)

**High-Frequency Driver**
- 25-mm (1 in) SPAL™ satin-anodized pure-aluminum dome tweeter, ferro-fluid cooled and damped

**Midrange Driver**
- 90-mm (3-1/2 in) SPAL™ satin-anodized pure-aluminum cone, ferro-fluid cooled and damped

**Bass / Midrange Driver**
- N/A

**Bass Driver(s)**
- Two 140mm (5-1/2 in) carbon-infused polypropylene cones, 25-mm (1 in) high-temperature voicecoils, oversize ceramic / ferrite magnets, GRIP™ glass-reinforced injection-molded polymer chassis

**Low-Frequency Extension**
- 49 Hz

**Frequency Response**
- On-Axis: ±2 dB from 75 Hz – 22 kHz
- 30° Off-Axis: ±2 dB from 75 Hz – 18 kHz

**Sensitivity – Room / Anechoic**
- 92 dB / 89 dB

**Suitable Amplifier Power**
- 15 – 120 watts

**Maximum Input Power**
- 180 watts

---

**Dimensions**
- **(h x w x d)**
  - 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)**
- 25.1 kg / 55.3 lb per speaker

**Finishes**
- Black Ash, Heritage Cherry

**Paradigm Stands**
- (sold sep.)
  - N/A
### CENTER 3

**Design**
4-driver, 3-way center channel

**Crossover**
2nd-order electroacoustic at 2.2 kHz; 2nd-order electroacoustic at 600 Hz (bass drivers)

**High-Frequency Driver**
25-mm [1 in] SPAL™ satin-anodized pure-aluminum dome tweeter, ferro-fluid cooled and damped

**Midrange Driver**
115-mm [4-1/2 in] SPAL™ 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

<table>
<thead>
<tr>
<th>Component</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bass / Midrange Driver</strong></td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Bass Driver(s)</strong></td>
<td>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</td>
</tr>
<tr>
<td><strong>Low-Frequency Extension</strong></td>
<td>46 Hz</td>
</tr>
<tr>
<td><strong>Frequency Response</strong></td>
<td>±2 dB from 66 Hz – 22 kHz</td>
</tr>
<tr>
<td><strong>Sensitivity – Room / Anechoic</strong></td>
<td>93 dB / 90 dB</td>
</tr>
</tbody>
</table>

**Suitable Amplifier Power**
15 – 175 watts

**Maximum Input Power**
120 watts

**Impedance**
Compatible with 8 ohms

**Dimensions**
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

**Weight**
12.9 kg / 28.5 lb per speaker

**Finish**
Black Ash, Heritage Cherry

**Paradigm Stands** (sold sep.)
J-18C

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### SURROUND 1

**Design**
4-driver, 2-way bidirectional surround/rear

**Crossover**
2nd-order electroacoustic at 2.0 kHz

**High-Frequency Driver(s)**
Two 25-mm [1 in] SPAL™ satin-anodized pure-aluminum dome tweeters, ferro-fluid cooled and damped

**Bass / Midrange Driver(s)**
Two 110-mm [4-1/2 in] mineral-filled polypropylene cones, 25-mm [1 in] voice-coils, oversize ceramic / ferrite magnets, steel chassis

<table>
<thead>
<tr>
<th>Component</th>
<th>Specification</th>
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<tr>
<td><strong>Low-Frequency Extension</strong></td>
<td>71 Hz</td>
</tr>
<tr>
<td><strong>Frequency Response</strong></td>
<td>±2 dB from 120 Hz – 20 kHz</td>
</tr>
<tr>
<td><strong>Sensitivity – Room / Anechoic</strong></td>
<td>88 dB / 85 dB</td>
</tr>
<tr>
<td><strong>Suitable Amplifier Power</strong></td>
<td>15 – 100 watts</td>
</tr>
<tr>
<td><strong>Maximum Input Power</strong></td>
<td>120 watts</td>
</tr>
</tbody>
</table>

**Impedance**
Compatible with 8 ohms

**Dimensions**
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

**Weight**
3.28 kg / 7.25 lb per speaker

**Finish**
Black

**Paradigm Stands** (sold sep.)
N/A

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### SURROUND 3

**Design**
4-driver, 2-way bidirectional surround/rear

**Crossover**
2nd-order electroacoustic at 2.3 kHz

**High-Frequency Driver(s)**
Two 25-mm [1 in] SPAL™ satin-anodized pure-aluminum dome tweeters, ferro-fluid cooled and damped

**Bass / Midrange Driver(s)**
Two 140-mm [5-1/2 in] SPAL™ satin-anodized pure-aluminum cones, 25-mm [1 in] voice-coils, oversize ceramic / ferrite magnets, GRIP™ glass-reinforced injection-molded polymer chassis

<table>
<thead>
<tr>
<th>Component</th>
<th>Specification</th>
</tr>
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<tr>
<td><strong>Low-Frequency Extension</strong></td>
<td>53 Hz</td>
</tr>
<tr>
<td><strong>Frequency Response</strong></td>
<td>±2 dB from 90 Hz – 20 kHz</td>
</tr>
<tr>
<td><strong>Sensitivity – Room / Anechoic</strong></td>
<td>90 dB / 87 dB</td>
</tr>
<tr>
<td><strong>Suitable Amplifier Power</strong></td>
<td>15 – 175 watts</td>
</tr>
<tr>
<td><strong>Maximum Input Power</strong></td>
<td>120 watts</td>
</tr>
</tbody>
</table>

**Impedance**
Compatible with 8 ohms

**Dimensions**
27.0 cm x 33.0 cm x 16.8 cm
10-5/8 in x 13 in x 6-5/8 in

**Weight**
6.32 kg / 13.95 lb per speaker

**Finish**
Black

**Paradigm Stands** (sold sep.)
N/A

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* 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. ‡ Height includes base (plinth) and spikes. Add approximately 3/4” (2.0 cm) to cabinet height when spikes installed. Add approximately 3/4” (2.0 cm) to cabinet depth when grille installed.
MONITOR SERIES 7:

WELCOME TO THE NEXT GENERATION OF SOUND INNOVATION!