

# THREE NEW SIGNATURE SERIES MODELS! S1 • C1 • ADP1



PARADIGM® REFERENCE



From Left to Right:  
S1, ADP1, C1 in Natural Birdseye Maple  
GS-30 stand shown in Bronze

## How do you achieve the performance caliber of Paradigm® Reference Signature in such compact speakers?

Cabinet design and implementation play a critical role! All parts (baffle, rear and shell) on these compact cabinets are die-cast aluminum. The die-cast design also functions as an effective heatsink. Bass/midrange (S1) and bass driver (ADP1) baffles and chassis are physically integrated allowing space for a powerful 6-inch (155 mm) driver. The interior of the cabinets reveal heavy-wall construction and extensive internal bracing. Constrained Layer Damping (CLD), a technique used extensively across aviation and naval platforms, is used in conjunction with Permacote® Linacoustic® to completely subdue stray residual vibrational energy within the cabinets. The end result? All the high-end performance of a much larger speaker in a significantly smaller package.

## Award-winning Signature Series performance in a compact lifestyle design

### High-Frequency Drivers

- P-Be™ Pure-Beryllium domes
- High-temperature copper-clad aluminum-wire voice coils on Apical™ formers
- Dual super neodymium magnets and sophisticated motor assemblies

### Midrange and Bass/Midrange Drivers

- Co-PAL™ Cobalt-Infused Pure-Aluminum cones
- Anodized solid-aluminum phase plugs
- Aluminum- or copper-wire voice coils wound on Kapton® or Apical™ formers
- Computer-optimized super neodymium magnets

### Bass Drivers

- Mineral-filled polypropylene bass cones
- Aluminum- or copper-wire voice coils wound on Kapton® or Apical™ formers
- Massive ceramic/ferrite magnet structures

For full details on Signature v.2 technology, please refer to the Signature v.2 Data Sheet.

### NEW! GS-30 SPEAKER STAND (shown)

- Extruded aluminum post and base with solid iron ballast
- Tempered glass bottom plate
- Hidden cable channel
- Adjustable locking spikes (cap-style feet included as alternative)
- Available in Bronze for S1, ADP1



The design of these Signature models employs extensive resonance control, with cabinets that are optimized using strategically located internal bracing and exceptional internal damping

# SPECIFICATIONS

	S1 v.2	C1 v.2	ADP1 v.2
<b>Design</b>	2-driver, 2-way, bookshelf / stand-mounted	4-driver, 3-way, center channel	5-driver, 3-way, surround / rear, on-wall optimized reverberant soundfield
<b>Crossover(s)</b>	3rd-order electro-acoustic at 2.1 kHz	3rd-order electro-acoustic at 2.3 kHz 2nd-order electro-acoustic at 550 Hz	3rd-order electro-acoustic at 1.9 kHz 2nd-order electro-acoustic at 300 Hz
<b>High-Frequency Driver(s)</b>	25-mm (1 in) P-Be™ pure-beryllium dome; rear damping chamber with ARB™ aperiodic resonance breakup fins and integrated heatsink; dual super neodymium magnets; ferro-fluid damped / cooled; die-cast enclosure / integrated heatsink chassis	25-mm (1 in) P-Be™ pure-beryllium dome; rear damping chamber with ARB™ aperiodic resonance breakup fins and integrated heatsink; dual super neodymium magnets; ferro-fluid damped / cooled; die-cast enclosure / integrated heatsink chassis	Two 25-mm (1 in) P-Be™ pure-beryllium domes; rear damping chambers with ARB™ aperiodic resonance breakup fins and integrated heatsink; dual super neodymium magnets; ferro-fluid damped / cooled; die-cast heatsink chassis; IMS/Shock-Mount™
<b>Midrange Driver(s)</b>		85-mm (3-1/2 in) Co-PAL™ cobalt-infused pure-aluminum cone; ATC™ asymmetric tapered dual-channel die-cast aluminum chamber; solid aluminum phase plug; dual super neodymium magnets; 25-mm (1 in) rigid, low-mass, dual-layer voice coil; AVS™ die-cast heatsink chassis	Two 85-mm (3-1/2 in) Co-PAL™ cobalt-infused pure-aluminum cones; ATC™ asymmetric tapered dual-channel die-cast aluminum chambers; solid aluminum phase plugs; dual super neodymium magnets; 25-mm (1 in) rigid, low-mass, dual-layer voice coils; AVS™ die-cast heatsink chassis; IMS/Shock-Mount™
<b>Bass/Midrange Driver</b>	155-mm (6 in) Co-PAL™ cobalt-infused pure-aluminum cone; solid aluminum phase plug; massive ceramic / ferrite magnets; 38-mm (1-1/2 in) rigid, low-mass, dual-layer voice coil; integrated AVS™ baffle / die-cast heatsink chassis		
<b>Bass Driver(s)</b>		Two 127-mm (5 in) mineral-filled polypropylene cones; 38-mm (1-1/2 in) rigid, low-mass, dual-layer voice coils; AVS™ die-cast heatsink chassis	155-mm (6 in) mineral-filled polypropylene cone; 38-mm (1-1/2 in) rigid, four-layer low-mass voice coil; integrated AVS™ baffle / die-cast heatsink chassis; IMS/Shock-Mount™
<b>Low-Frequency Extension*</b>	58 Hz (DIN)	60 Hz (DIN)	70 Hz (DIN)
<b>Frequency Response: <i>On-Axis</i> 30° <i>Off-Axis</i></b>	±2 dB from 72 Hz - 45 kHz ±2 dB from 72 Hz - 20 kHz	±2 dB from 73 Hz - 45 kHz ±2 dB from 73 Hz - 20 kHz	±2 dB from 99 Hz - 45 kHz (optimized reverberant soundfield)
<b>Sensitivity - Room / Anechoic</b>	87 dB / 84 dB	88 dB / 85 dB	88 dB / 85 dB
<b>Suitable Amplifier Power Range</b>	15 - 175 watts	15 - 225 watts	15 - 225 watts
<b>Maximum Input Power*</b>	100 watts	140 watts	140 watts
<b>Impedance</b>	Compatible with 8 ohms	Compatible with 8 ohms	Compatible with 8 ohms
<b>Internal Volume</b>	7.5 L / 0.26 cu ft	8.1 L / 0.29 cu ft	5.6 L / 0.2 cu ft
<b>Dimensions: (h x w x d)</b>	27.0 cm x 17.0 cm x 22.0 cm 10-1/2 in x 6-3/4 in x 8-3/4 in	18.0 cm x 43.0 cm x 22.5 cm 7 in x 17 in x 9 in	19.0 cm x 30.5 cm x 15.5 cm 7-1/2 in x 12 in x 6 in
<b>Weight (unpacked)</b>	11.6 kg / 25 lb per pair	10.5 kg / 23 lb each	14.0 kg / 31 lb per pair
<b>Finishes</b>	Natural Birdseye Maple • Cherry • Piano Black	Natural Birdseye Maple • Cherry • Piano Black	Natural Birdseye Maple • Cherry • Piano Black
<b>Matching Speaker Stand</b>	GS-30 (sold separately)	n/a	GS-30 (sold separately)

\*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.

# PARADIGM® REFERENCE SIGNATURE™ SERIES v.2

New Pure-Berillium domes and Cobalt-Infused Pure-Aluminum cones keep next generation at leading edge of the art



PARADIGM® REFERENCE



From left to right:  
S2, S4, S6, S8, C3, C5, ADP3, Signature Servo;  
shown in Natural Birdseye Maple

**NEW MODEL! Signature S6 - Ideal for those who want our Signature sound, but in a slightly smaller floorstanding model**

## FAST FACTS about Signature v.2:

### **NEW! P-Be™ Pure-Beryllium Tweeter Domes.**

Although far more expensive, the new dome material was chosen for its exceptional mechanical properties: lighter than aluminum, with unmatched rigidity.

### **NEW! Co-PAL™ Cobalt-Infused Anodized Pure-Aluminum Midrange and Bass/Midrange Cones.**

The infusion of cobalt brings increased stiffness and improved damping properties to the light-weight character of the pure-aluminum cone.

#### **High-Frequency Drivers:**

- Internal ARB™ Aperiodic Resonance Breakup fins
- Unique exterior heat dissipation fins
- High-temperature copper-clad aluminum-wire voice coils wound on Apical™ formers
- Dual super neodymium magnets
- Highly sophisticated motor assemblies
- Die-cast aluminum heatsink chassis

#### **Midrange and Bass/Midrange Drivers:**

- ATC™ Asymmetrical Tapered Dual Channel Chamber ensures optimal internal volume
- Computer-optimized super neodymium magnets
- Advanced Nomex® suspensions; butyl-rubber surrounds
- Anodized solid-aluminum phase plugs
- High-temperature, lightweight aluminum or copper voice coils wound on ventilated Kapton® or Apical™ formers
- Rigid high-pressure die-cast aluminum heatsink chassis with proprietary AVS™ cooling

#### **Bass Drivers:**

- Massive ceramic/ferrite magnet structures
- Rigid lightweight, long-travel aluminum or copper voice coils wound on Kapton® or Apical™ formers
- Rigid high-pressure die-cast aluminum heatsink chassis with proprietary AVS™ cooling
- Mineral-filled polypropylene bass cones are designed to deliver deep, articulate, super-clean bass performance and play a leading role in Signature's superb low-frequency performance

**Precision Crossover Networks** designed with ideal frequency- and phase-response characteristics allowing for minimal crossover networks.

**Proprietary IMS/SHOCK-MOUNT™** 'baffle-less' driver fastening system introduced in the original series.

**Hand-Finished Real Wood Cabinets** available in Cherry, Natural Birdseye Maple, and Piano Black.

# SPECIFICATIONS

	S2 v.2	S4 v.2	S6 v.2 — New Model!	S8 v.2
Design	2-driver, 2-way, MagneShield™, bookshelf / stand-mounted	3-driver, 2-1/2-way, MagneShield™, bookshelf / stand-mounted	4-driver, 3-way, MagneShield™, floorstanding	6-driver, 3-way, MagneShield™, floorstanding
Crossover	3rd-order electro-acoustic at 1.9 kHz	3rd-order electro-acoustic at 1.9 kHz 2nd-order electro-acoustic at 400 Hz (bass driver)	3rd-order electro-acoustic at 1.9 kHz 2nd-order electro-acoustic at 350 Hz (lower bass driver)	3rd-order electro-acoustic at 1.9 kHz 2nd-order electro-acoustic at 250 Hz (lower bass drivers)
High-Frequency Driver(s)	25-mm (1 in) P-Be™ pure-beryllium dome; rear damping chamber with ARB™ aperiodic resonance breakup fins and integrated heatsink; dual super neodymium magnets; ferro-fluid damped / cooled; die-cast heatsink chassis; IMS / SHOCK-MOUNT™	25-mm (1 in) P-Be™ pure-beryllium dome; rear damping chamber with ARB™ aperiodic resonance breakup fins and integrated heatsink; dual super neodymium magnets; ferro-fluid damped / cooled; die-cast heatsink chassis; IMS / SHOCK-MOUNT™	25-mm (1 in) P-Be™ pure-beryllium dome; rear damping chamber with ARB™ aperiodic resonance breakup fins and integrated heatsink; dual super neodymium magnets; ferro-fluid damped / cooled; die-cast heatsink chassis; IMS / SHOCK-MOUNT™	25-mm (1 in) P-Be™ pure-beryllium dome; rear damping chamber with ARB™ aperiodic resonance breakup fins and integrated heatsink; dual super neodymium magnets; ferro-fluid damped / cooled; die-cast heatsink chassis; IMS / SHOCK-MOUNT™
Midrange Driver(s)			178-mm (7 in) Co-Pal™ cobalt-infused pure-aluminum cone; ferro-fluid damped / cooled; ATC™ asymmetric tapered dual-channel die-cast aluminum chamber; solid aluminum phase plug; super neodymium magnets; dual-layer 38-mm (1-1/2 in) rigid, low-mass voice coil; AVS™ die-cast heatsink chassis; IMS / SHOCK-MOUNT™	178-mm (7 in) Co-Pal™ cobalt-infused pure-aluminum cone; ferro-fluid damped / cooled; ATC™ asymmetric tapered dual-channel die-cast aluminum chamber; solid aluminum phase plug; super neodymium magnets; two-layer 38-mm (1-1/2 in) rigid, low-mass voice coil; AVS™ die-cast heatsink chassis; IMS / SHOCK-MOUNT™
Bass/Midrange Driver(s)	178-mm (7 in) Co-Pal™ cobalt-infused pure-aluminum cone; ATC™ asymmetric tapered dual-channel die-cast aluminum chamber; solid aluminum phase plug; massive ceramic / ferrite magnets; dual-layer 38-mm (1-1/2 in) rigid, low-mass voice coil; AVS™ die-cast heatsink chassis; IMS / SHOCK-MOUNT™	178-mm (7 in) Co-Pal™ cobalt-infused pure-aluminum cone; ATC™ asymmetric tapered dual-channel die-cast aluminum chamber; solid aluminum phase plug; massive ceramic/ferrite magnets; dual-layer 38-mm (1-1/2 in) rigid, low-mass voice coil; AVS™ die-cast heatsink chassis; IMS / SHOCK-MOUNT™		
Bass Driver(s)		178-mm (7 in) mineral-filled polypropylene cone; dual-layer 38-mm (1-1/2 in) rigid, low-mass voice coil; massive ceramic / ferrite magnets; AVS™ die-cast heatsink chassis; IMS / SHOCKMOUNT™	Two 178-mm (7 in) mineral-filled polypropylene cones; dual-layer 38-mm (1-1/2 in) rigid, low-mass voice coils; massive ceramic / ferrite magnets; AVS™ die-cast heatsink chassis; IMS / SHOCKMOUNT™	Four 178-mm (7 in) mineral-filled polypropylene cones; 4-layer 38-mm (1-1/2 in) rigid, low-mass voice coils; massive ceramic / ferrite magnets; AVS™ die-cast heatsink chassis; IMS / SHOCKMOUNT™
Low-Frequency Extension*	38 Hz (DIN)	35 Hz (DIN)	28 Hz (DIN)	26 Hz (DIN)
Frequency Response: <i>On-Axis</i> <i>30° Off-Axis</i>	±2 dB from 52 Hz - 45 kHz ±2 dB from 52 Hz - 20 kHz	±2 dB from 56 Hz - 45 kHz ±2 dB from 56 Hz - 20 kHz	±2 dB from 50 Hz - 45 kHz ±2 dB from 50 Hz - 20 kHz	±2 dB from 42 Hz - 45 kHz ±2 dB from 42 Hz - 20 kHz
Sensitivity - Room / Anechoic	91 dB / 88 dB	91 dB / 88 dB	91 dB / 88 dB	92 dB / 89 dB
Suitable Amplifier Power Range	15 - 225 watts	15 - 325 watts	15 - 400 watts	15 - 500 watts
Maximum Input Power†	140 watts	180 watts	200 watts	250 watts
Impedance	Compatible with 8 ohms	Compatible with 8 ohms	Compatible with 8 ohms	Compatible with 8 ohms
Internal Volume	13.7 L / 0.48 cu ft	21.4 L / 0.75 cu ft	47.1 L / 1.66 cu ft	74.9 L / 2.6 cu ft
Dimensions: (h x w x d)	38.1 cm x 21.0 cm x 35.6 cm 15 in x 8-1/4 in x 14 in	55.9 cm x 21 cm x 35.6 cm 22 in x 8-1/4 in x 14 in	111.0 cm x 21.0 cm x 34.5 cm 43-3/4 in x 8-1/4 in x 13-1/2 in	123.2 cm x 21.0 cm x 52.1 cm 48-1/2 in x 8-1/2 in x 20-1/2 in
Weight (unpacked)	25.4 kg / 56 lb per pair	39 kg / 86 lb per pair	63.6 kg / 140 lb per pair	90.7 kg / 200 lb per pair
Finishes	Cherry • Natural Birdseye Maple • Piano Black	Cherry • Natural Birdseye Maple • Piano Black	Cherry • Natural Birdseye Maple • Piano Black	Cherry • Natural Birdseye Maple • Piano Black
Speaker Stand (sold separately)	Paradigm® J-29	Paradigm® J-23	n/a	n/a

	C3 v.2	C5 v.2	ADP3 v.2	Signature Servo (no change to model)
<b>Design</b>	4-driver, 3-way, center channel, MagneShield™	6-driver, 3-1/2-way, center channel, MagneShield™	5-driver, 3-way, surround / rear, optimized reverberant soundfield	Single high-excursion driver; Closed Loop Servo system; sealed enclosure; built-in Ultra-Class-D™ amplifier
<b>Crossover</b>	3rd-order electro-acoustic at 1.9 kHz 2nd-order electro-acoustic at 250 Hz	3rd-order electro-acoustic at 2.0 kHz, 2nd-order electro-acoustic at 450 Hz, 2nd-order electro-acoustic at 350 Hz (outer bass drivers)	3rd-order electro-acoustic at 1.8 kHz 2nd-order electro-acoustic at 250 Hz	
<b>High-Frequency Driver(s)</b>	25-mm (1 in) P-Be™ pure-beryllium dome; rear damping chamber with ARB™ aperiodic resonance breakup fins and integrated heatsink; dual super neodymium magnets; ferro-fluid damped/cooled; die-cast heatsink chassis; IMS / SHOCK-MOUNT™	25-mm (1 in) P-Be™ pure-beryllium dome; rear damping chamber with ARB™ aperiodic resonance breakup fins and integrated heatsink; dual super neodymium magnets; ferro-fluid damped/cooled; die-cast heatsink chassis; IMS / SHOCK-MOUNT™	Two 25-mm (1 in) P-Be™ pure-beryllium domes; rear damping chambers with ARB™ aperiodic resonance breakup fins and integrated heatsink; dual super neodymium magnets; ferro-fluid damped / cooled; die-cast heatsink chassis; IMS / SHOCK-MOUNT™	
<b>Midrange Driver(s)</b>	102-mm (4 in) Co-Pal™ cobalt-infused pure-aluminum cone; ATC™ asymmetric tapered dual-channel die-cast aluminum chamber; solid aluminum phase plug; massive ceramic / ferrite magnets; dual-layer 25-mm (1 in) rigid, low-mass voice coil; AVS™ die-cast heatsink chassis; IMS / SHOCK-MOUNT™	102-mm (4 in) Co-Pal™ cobalt-infused pure-aluminum cone; ATC™ asymmetric tapered dual-channel die-cast aluminum chamber; solid aluminum phase plug; massive ceramic / ferrite magnets; dual-layer 25-mm (1 in) rigid, low-mass voice coil; AVS™ die-cast heatsink chassis; IMS / SHOCK-MOUNT™	Two 102-mm (4 in) Co-Pal™ cobalt-infused pure-aluminum cones; ATC™ asymmetric tapered dual-channel die-cast aluminum chambers; solid aluminum phase plugs; massive ceramic / ferrite magnets; dual-layer 25-mm (1 in) rigid, low-mass voice coils; AVS™ die-cast heatsink chassis; IMS / SHOCK-MOUNT™	
<b>Bass/Midrange Driver(s)</b>		Two 178-mm (7 in) CoPal™ cobalt-infused pure-aluminum cones; ATC™ asymmetric tapered dual-channel die-cast aluminum chambers; solid aluminum phase plugs; massive ceramic / ferrite magnets; dual-layer 38-mm (1-1/2 in) rigid, low-mass voice coils; AVS™ die-cast heatsink chassis; IMS / SHOCK-MOUNT™		
<b>Bass Driver(s)</b>	Two 178-mm (7 in) mineral-filled polypropylene cones; dual-layer 38-mm (1-1/2 in) rigid, low-mass voice coils; AVS™ die-cast heatsink chassis; IMS/SHOCKMOUNT™	Two 178-mm (7 in) mineral-filled polypropylene cones; 38-mm (1-1/2 in) rigid, low-mass voice coils; AVS™ die-cast heatsink chassis; IMS / SHOCK-MOUNT™	210-mm (8 in) mineral-filled polypropylene cone; four-layer 38-mm (1-1/2 in) rigid, low-mass voice coils; AVS™ die-cast heatsink chassis; IMS / SHOCKMOUNT™	380-mm (15 in) RCR™ mineral-filled co-polymer polypropylene cone, oversize surround, 76-mm (3 in) 8-layer bifilar voice coil; high-temperature Apical™ former, dual spiders; AVS™ die-cast heatsink chassis; 13-kg (28.6 lb) magnet structure
<b>Low-Frequency Extension*</b>	32 Hz (DIN)	25 Hz (DIN)	60 Hz (DIN)	10 Hz (DIN)
<b>Frequency Response: <i>On-Axis</i> 30° <i>Off-Axis</i></b>	±2 dB from 55 Hz - 45 kHz ±2 dB from 55 Hz - 20 kHz	±2 dB from 50 Hz - 45 kHz ±2 dB from 50 Hz - 20 kHz	±2 dB from 82 Hz - 45 kHz (optimized reverberant soundfield)	
<b>Sensitivity - Room/Anechoic</b>	91 dB / 88 dB	92 dB / 89 dB	89 dB / 86 dB	
<b>Suitable Amplifier Power Range</b>	15 - 325 watts	15 - 500 watts	15 - 250 watts	
<b>Maximum Input Power*</b>	180 watts	250 watts	180 watts	
<b>Impedance</b>	Compatible with 8 ohms	Compatible with 8 ohms	Compatible with 8 ohms	
<b>Amplifier</b>				4500 watts Dynamic Peak / 1500 watts RMS Sustained High current Discrete Output, Auto On/Off, trigger On/Off, thermal protection, electrical shorting protection
<b>Subwoofer Cut-Off Frequency</b>				Variable 35 Hz - 150 Hz
<b>Subwoofer Contour Control</b>				Variable 0 to +6 dB at 60 Hz
<b>Sub/Sat Phase Alignment</b>				Variable 0° to 180°
<b>Line-Level Input</b>				RCA (S/E) pr Balanced XLR; From Sub-out / LFE-out of preamp / processor or other line-level source
<b>Input Sensitivity / Impedance</b>				100 mv Mono / RCA: 25k ohms; XLR: 20k ohms
<b>Internal Volume</b>	23.9 L / 0.84 cu ft	48.7 L / 1.7 cu ft	9.1 L / 0.33 cu ft	83.5 L / 2.95 cu ft
<b>Dimensions:</b> (h x w x d)	24.1 cm x 67.3 cm x 33.0 cm; 9-1/2 in x 26-1/2 in x 13 in	24.1 cm x 95.3 cm x 44.4 cm; 9-1/2 in x 37-1/2 in x 17-1/2 in	33.7cm x 35.9 cm x 19.1 cm; 13-1/4 in x 14-1/8 in x 7-1/2 in	51 cm x 46 cm x 55 cm; 20-1/8 in x 18-1/8 in x 21-1/2 in
<b>Weight</b> (unpacked)	20.4 kg / 45 lb each	36.7 kg / 81 lb each	23.6 kg / 52 lb per pair	51.7 kg each / 114 lb
<b>Finishes</b>	Cherry • Natural Birdseye Maple • Piano Black	Cherry • Natural Birdseye Maple • Piano Black	Cherry • Natural Birdseye Maple • Piano Black	Cherry • Natural Birdseye Maple • Piano Black
<b>Speaker Stand</b> (sold separately)	Paradigm® J-18C	Paradigm® J-18C	n/a	n/a

\*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. Heights for floorstanding speakers include spikes/outrigger feet; widths do not include feet. Listed height for Servo includes feet.