

THREE NEW SIGNATURE SERIES MODELS! S1 • C1 • ADP1



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

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.

SPECIFICATIONS

	S1 v.2	C1 v.2	ADP1 v.2
Design	2-driver, 2-way, bookshelf / stand-mounted	4-driver, 3-way, center channel	5-driver, 3-way, surround / rear, on-wall optimized reverberant soundfield
Crossover(s)	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
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 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™
Midrange Driver(s)		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™
Bass/Midrange Driver	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		
Bass Driver(s)		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™
Low-Frequency Extension*	58 Hz (DIN)	60 Hz (DIN)	70 Hz (DIN)
Frequency Response: On-Axis 30° Off-Axis	±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)
Sensitivity - Room / Anechoic	87 dB / 84 dB	88 dB / 85 dB	88 dB / 85 dB
Suitable Amplifier Power Range	15 - 175 watts	15 - 225 watts	15 - 225 watts
Maximum Input Power*	100 watts	140 watts	140 watts
Impedance	Compatible with 8 ohms	Compatible with 8 ohms	Compatible with 8 ohms
Internal Volume	7.5 L / 0.26 cu ft	8.1 L / 0.29 cu ft	5.6 L / 0.2 cu ft
Dimensions: (h x w x d)	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
Weight (unpacked)	11.6 kg / 25 lb per pair	10.5 kg / 23 lb each	14.0 kg / 31 lb per pair
Finishes	Natural Birdseye Maple • Cherry • Piano Black	Natural Birdseye Maple • Cherry • Piano Black	Natural Birdseye Maple • Cherry • Piano Black
Matching Speaker Stand	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-Berillyium domes and Cobalt-Infused Pure-Aluminum cones keep next generation at leading edge of the art



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: On-Axis 30° Off-Axis	±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)
Design	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
Crossover	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	
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™	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™	
Midrange Driver(s)	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™	
Bass/Midrange Driver(s)		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™		
Bass Driver(s)	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
Low-Frequency Extension*	32 Hz (DIN)	25 Hz (DIN)	60 Hz (DIN)	10 Hz (DIN)
Frequency Response: On-Axis 30° Off-Axis	±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)	
Sensitivity - Room/Anechoic	91 dB / 88 dB	92 dB / 89 dB	89 dB / 86 dB	
Suitable Amplifier Power Range	15 - 325 watts	15 - 500 watts	15 - 250 watts	
Maximum Input Power*	180 watts	250 watts	180 watts	
Impedance	Compatible with 8 ohms	Compatible with 8 ohms	Compatible with 8 ohms	
Amplifier				4500 watts Dynamic Peak / 1500 watts RMS Sustained High current Discrete Output, Auto On/Off, trigger On/Off, thermal protection, electrical shorting protection
Subwoofer Cut-Off Frequency				Variable 35 Hz - 150 Hz
Subwoofer Contour Control				Variable 0 to +6 dB at 60 Hz
Sub/Sat Phase Alignment				Variable 0° to 180°
Line-Level Input				RCA (S/E) pr Balanced XLR; From Sub-out / LFE-out of preamp / processor or other line-level source
Input Sensitivity / Impedance				100 mv Mono / RCA: 25k ohms; XLR: 20k ohms
Internal Volume	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
Dimensions: (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
Weight (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
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-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.