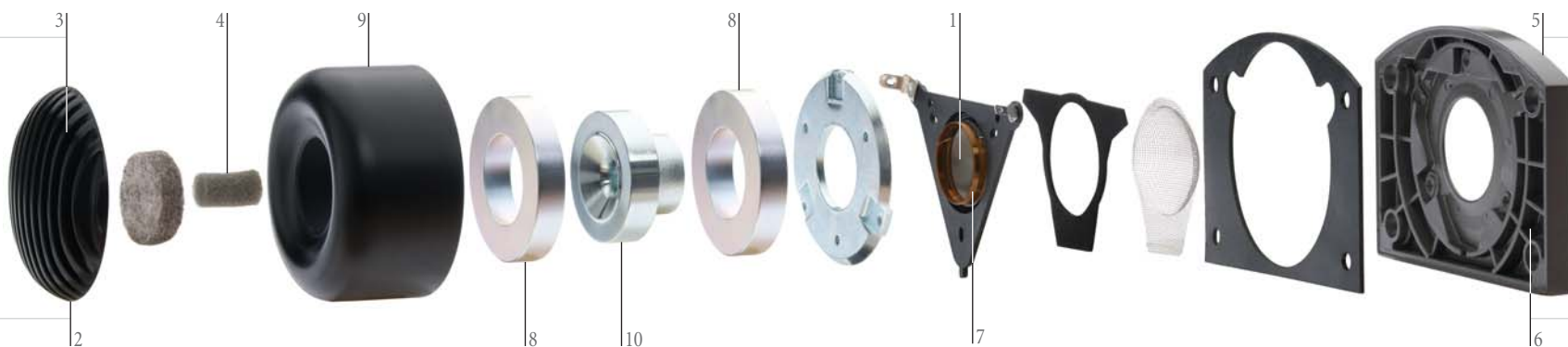


“... *flawless* ... utterly pure ... completely transparent ... beautifully articulated ... *magnificent* ...”

Doug Schneider, SoundStage!





## The technology behind Paradigm Reference *Signature* High-Frequency Drive Units

### 1 | P-Be™ Pure-Beryllium Tweeter Domes:

Pure beryllium was chosen for its exceptional thermal, physical and mechanical properties: lighter than diamond or aluminum with unmatched rigidity. Response is instantaneous and extraordinarily uniform. Elevating the dome promoted optimal off-axis dispersion.

### 2 | ARB™ Aperiodic Resonance Breakup Fins (not visible):

Die-cast aluminum fins in rear damping chamber capture and quickly disperse residual internal resonances, rendering them inert.

### 3 | Unique Exterior Heatsink Fins:

Heat dissipation fins on exterior of chamber promote superior power handling.

### 4 | Proprietary High-Loss Foam Acoustic Dampers:

Provide a markedly higher level of critical damping.

### 5 | Die-Cast Aluminum WaveGuide™ Coupling:

Fosters controlled, uniform dispersion as well as accurate phase response throughout a large listening window.

### 6 | High-Pressure Die-Cast Aluminum Heatsink Chassis:

Exceptionally rigid, eliminating mechanical flexing and ringing while also providing a heat-sink for superior power handling.

### 7 | High-Temperature Copper-Clad Aluminum-Wire Voice Coils:

A rigid, low-mass design wound on Apical™ formers promotes much higher power handling, ultra-low distortion and long-term reliability.

### 8 | Dual Super-Neodymium Ring Magnet Structures:

Dwarf all other neodymium magnet structures found in high-end tweeters, supplying superior sensitivity, ultra-low distortion and far greater power handling. The intense energy created in the magnetic gap (20,000 gauss) allows for overfilling of ferro-fluid effecting superior heat transfer. The tweeter virtually idles under normal operating conditions.

### FEA-Optimized Magnet/Motor Assemblies:

Magnets and motor components are computer-optimized using Finite Element Analysis (FEA) for ultimate performance.

### 9 | Integrated Heavy-Walled Shielding Cup:

Critically contoured to eliminate stray magnetic fields from the neodymium superstructure. The cup also acts as a thermal conduit for the rear heatsink.

### 10 | Magnetic Pole Piece:

FEA-optimized.

## The technology behind Paradigm Reference *Signature* Dedicated Midrange Drive Units

### 1 | Co-PAL™ Cobalt-Infused Anodized Pure-Aluminum Midrange Cones:

Combine high stiffness-to-mass with superior internal damping for an even greater degree of accuracy. The result is smooth, uncolored frequency response.

### 2 | Dual ATC™ Asymmetrical Tapered Channels:

Precision die-cast aluminum chamber with tapered dual interior channels provide optimal volume. The asymmetrical design dissipates the back wave while the center of the chamber is direct-coupled to the huge magnet structure, providing an efficient thermal escape path for heat generated by the voice coil. Strategically positioned cooling fins on the rear of the chamber transfer heat away from the motor.

### 3 | Proprietary High-Loss Felted Dampers:

Provide critical damping of internal resonances.

### 4 | Advanced Nomex® Spiders and Thermoformed Butyl-Rubber Surrounds:

Foster linear excursion, minimizing compliance-induced distortion. High hysteresis and progressive damping eliminate “edge-hole” distortion occurring when the cone’s suspension begins to resonate uncontrollably.

### 5 | Die-Cast Aluminum Heatsink Chassis with AVS™ Cooling:

Exceptionally rigid design eliminates mechanical flexing and ringing. Our own AVS™ Airflow Ventilation System cooling boosts power handling and ensures ultra-low distortion and exceptional reliability. Chassis are CNC-machined to ensure a precision fit.

### 6 | Metallized High-Integrity Dust Caps:

Shaped to promote wide, uniform off-axis dispersion and smooth, extended frequency response, the caps also provide visual continuity with the style of the bass/midrange drivers.

### 7 | Computer-Optimized Super-Neodymium Ring Magnets:

Optimal power in a smaller form factor, it promotes 50% more energy in the magnetic gap, saturating the pole piece and virtually eliminating inductive distortion.

### 8 | High-Temperature Aluminum-Wire Voice Coils:

A rigid, low-mass design wound on a ventilated Kapton® former ensures superb accuracy and exceptional reliability.

### 9 | Magnetic Pole Piece and Metal Top Plate:

FEA-optimized to support cone excursion.





## The technology behind Paradigm Reference *Signature* Bass/Midrange Drive Units

### 1 | Co-PAL™ Cobalt-Infused Anodized Pure-Aluminum Bass/Midrange Cones:

Combine high stiffness-to-mass with superior internal damping for exceptional accuracy. The result is smooth, completely uncolored frequency response.

### 2 | Overmolded NLC™ Non-Limiting Corrugated TPE Surrounds:

The new cutting-edge TPE Thermoplastic Elastomer was chosen for its unmatched vibration and resonance damping properties, crucial to the optimal performance of a bass/midrange driver (*full story at right*).

### 3 | Advanced Nomex® Spiders:

Tooled for added depth to accommodate the increase in excursion ... the restorative force is now more accurate than ever.

### 4 | Die-Cast Aluminum Heatsink Chassis with AVS™ Cooling:

Deeper than previous generations to accommodate the new driver technology, the die-cast chassis baskets maintain our trademark AVS™ Airflow Ventilation System cooling, boosting power handling, ensuring ultra-low distortion and exceptional reliability. CNC-machined to ensure a precision fit.

### 5 | Metallized High-Integrity Dust Caps:

Dust caps proved a better mate with the new driver technology, improving structural integrity and removing any opportunity for air noise to introduce distortion. Shaped to promote wide, uniform off-axis dispersion and smooth, extended frequency response.

### 6 | Cutting-Edge Long-Stroke Split-Coil Motor System:

Intermodulation distortion is virtually non-existent. Lightweight, high-temperature aluminum wire is wound on an Apical™ former (*more on next page*).

### 7 | Permanent Ceramic (Hard Ferrite) Magnets with Focused-Field Geometry:

Rigid, high-temperature, low-mass design wound on ventilated Kapton® formers ensure superb accuracy and reliability.

### 8 | Magnetic Pole Piece:

FEA-optimized and tooled to support the 50% increase in cone excursion.

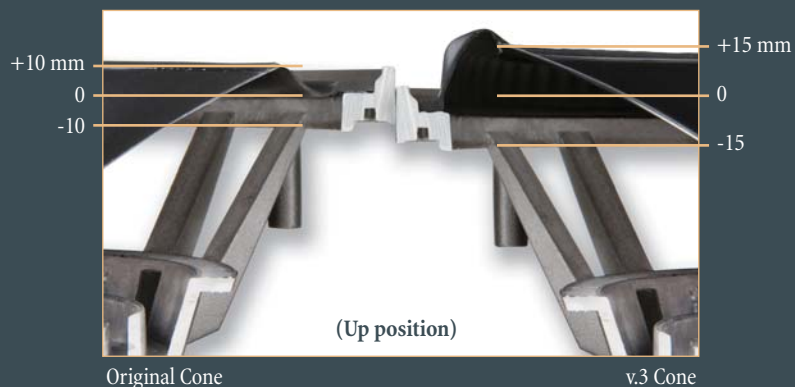
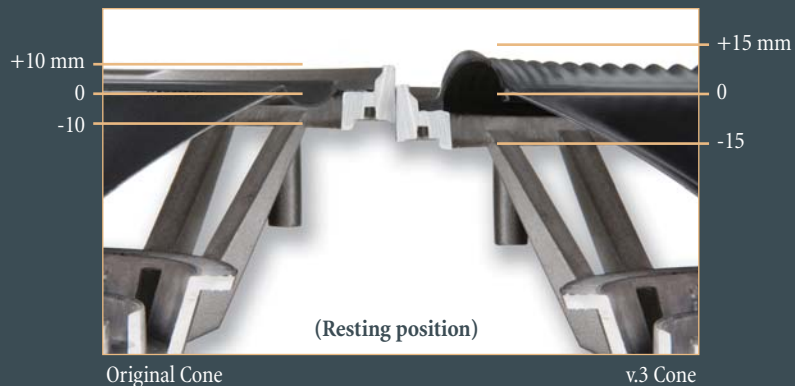
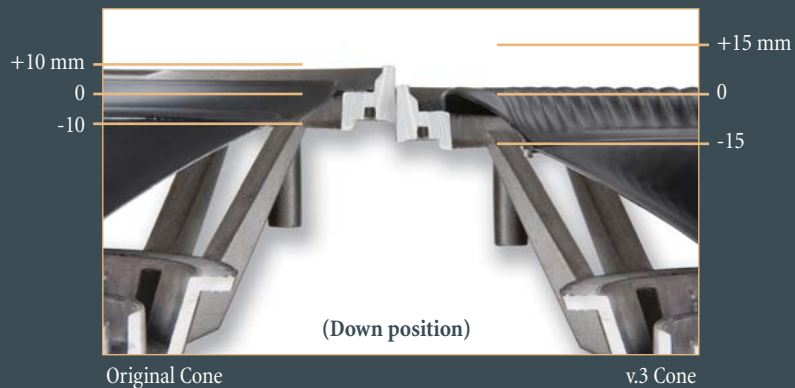
### 9 | Metal Top Plate:

FEA-optimized and tooled to support the 50% increase in cone excursion.

Models W5 and W5 C differ slightly in driver design—see Specifications page



Double the power (+3 dB!) — an incredible achievement!

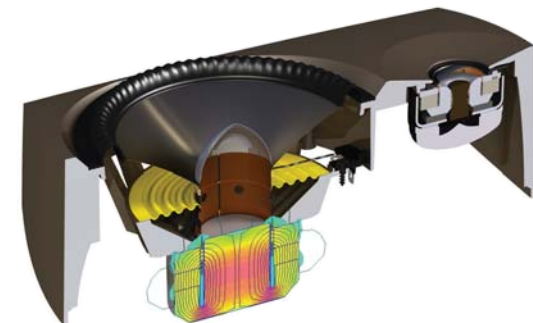


In designing original Signature midrange and bass drivers, our challenge was to generate supremely accurate and predictable response from these high-output designs. In the latest generation our goal was simply more.

Bass/midrange drivers have been fitted with extreme low-density NLC™ Non-Limiting Corrugated TPE surrounds (see left), FEA-optimized and overmolded onto the cone in house. The new state-of-the-art surround material is ten times more effective than

standard thermoplastic elastomers in damping vibrations and resonances and the new corrugated design has increased peak-to-peak excursion from 20 mm in earlier versions to a full 30 mm. And while the real story is the state-of-the-art surround material, not to be discounted is the new long-stroke split-coil motor system designed to take advantage of the extreme excursion. The motor doubles the linear portion of the stroke without the need for a larger magnet, keeping mass and inductance of the voice coil low (see below). The result? Supremely breathtaking midrange clarity, superior sensitivity and an incredible 50% increase in output (+3 dB!).

Bass cones were also extensively re-engineered. Injection-molded in house they benefit from 30% mineral content—a much stiffer cone has evolved. New NLC™ Non-Limiting Corrugated Santoprene® surrounds, optimized using FEA and overmolded directly onto the cone, allow it to travel 50% farther (see photographs, left). Dimpling and wrinkling? Even at peak excursion not a hint of distortion rears its ugly head. To support the extended excursion we also redesigned the motor structure, increasing the linear portion of the stroke through voice coils almost double the original in length. New core parts—yoke and pole piece—were tooled and FEA-optimized and even the magnets were thickened to accommodate double-distance cone travel. As in bass/midrange drivers we achieved a 50% increase in output (+3 dB!).





## The technology behind Paradigm Reference *Signature* Bass Drive Units

### 1 | Injection-Molded Mineral-Filled Polypropylene Bass Cones:

The mineral content, now 30%, and the injection-molding process have resulted in a far more rigid cone. The improvements reveal a dramatic increase in repeatability as well as consistency of performance.

### 2 | Overmolded NLC™ Non-Limiting Corrugated Santoprene® TPV Surrounds:

An advanced thermoplastic vulcanizate, Santoprene® was chosen for its extreme flexibility as well as durability in a variety of environmental conditions. Overmolded for a superior lasting bond (*full story on previous page*).

### 3 | Advanced Nomex® Spiders:

To take advantage of the higher excursion, spiders were tooled for added depth ... the restorative force is even more accurate.

### 4 | Cutting-Edge Long-Stroke Low-Distortion Motor System:

Doubles the linear portion of the stroke to exploit the possibilities inherent in the extended excursion (*full story on previous page*). High-temperature aluminum wire is wound on a Kapton® former.

### 5 | Massive Dual Permanent Ceramic (Hard Ferrite) Magnets with Focused-Field Geometry:

Breakthrough design and technology yield extremely high power output, remarkably low distortion and excellent power handling. Double the thickness of earlier versions to allow room for the 50% increase in cone excursion.

### 6 | Redesigned Die-Cast Aluminum Heatsink Chassis with AVS™ Cooling:

Deeper than previous generations to accommodate the new driver technology, the die-cast chassis basket maintains our trademark AVS™ Airflow Ventilation System forced-air cooling to boost power handling, ensure ultra-low distortion and reliability. CNC-machined to ensure a precision fit.

### 7 | High-Integrity Polypropylene Dust Caps:

Molded to promote wide, uniform off-axis dispersion as well as very smooth, extended bass frequency response.

### 8 | Magnetic Pole Piece:

FEA-optimized and tooled to support the 50% increase in cone excursion.

### 9 | Metal Back and Top Plate:

FEA-optimized and tooled to support the 50% increase in cone excursion.

Models W5 and W5 C differ slightly in driver design—see Specifications page



## Technical Specifications



**S1**

**Design**  
2-driver, 2-way, ultra-compact  
bookshelf / stand-mounted,  
shown on GS-30 stand



**S2**

**Design**  
2-driver, 2-way,  
bookshelf / stand-mounted,  
shown on J-29 stand



**S6**

**Design**  
4-driver, 3-way,  
floorstanding



**S8**

**Design**  
6-driver, 3-way,  
floorstanding

## S1

### Crossover

3rd-order electro-acoustic at 2.1 kHz

### High-Frequency Driver

25-mm (1 in) P-Be™ dome, ferro-fluid damped / cooled, rear damping chamber with ARB™ fins and integrated heatsink, dual super-neodymium ring magnets, die-cast enclosure / integrated heatsink chassis

### Bass / Midrange Driver

155-mm (6 in) Co-PAL™ cone, overmolded NLC™ surround, 38-mm (1-1/2 in) split voice coil, super-neodymium ring magnet, integrated AVS™ baffle / die-cast heatsink chassis

### Low-Frequency Extension\*

43 Hz (DIN)

### Frequency Response

#### On-Axis:

±2 dB from 65 Hz – 45 kHz

#### 30° Off-Axis:

±2 dB from 65 Hz – 20 kHz

### Sensitivity – Room / Anechoic

90 dB / 87 dB

### Suitable Amplifier Power Range

15 – 175 watts

### Maximum Input Power†

100 watts

### Impedance

Compatible with 8 ohms

### Height, Width, Depth

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

### Weight (unpacked)

5.8 kg / 12.5 lb each

### Finishes

Cherry, Natural Maple, Piano Black

### Matching Paradigm® Speaker Stand

GS-30

## S2

### Crossover

3rd-order electro-acoustic at 1.8 kHz

### High-Frequency Driver

25-mm (1 in) P-Be™ dome, ferro-fluid damped / cooled, rear damping chamber with ARB™ fins and integrated heatsink, dual super-neodymium ring magnets, die-cast heatsink chassis, IMS/SHOCK-MOUNT™

### Bass / Midrange Driver

178-mm (7 in) Co-PAL™ cone, overmolded NLC™ surround, 38-mm (1-1/2 in) split voice coil, hard ferrite magnet, AVS™ die-cast heatsink chassis, IMS/SHOCK-MOUNT™

### Low-Frequency Extension\*

36 Hz (DIN)

### Frequency Response

#### On-Axis:

±2 dB from 52 Hz – 45 kHz

#### 30° Off-Axis:

±2 dB from 52 Hz – 20 kHz

### Sensitivity – Room / Anechoic

91 dB / 88 dB

### Suitable Amplifier Power Range

15 – 225 watts

### Maximum Input Power†

140 watts

### Impedance

Compatible with 8 ohms

### Height, Width, Depth

38.1 cm x 21.0 cm x 35.6 cm  
15 in x 8-1/4 in x 14 in

### Weight (unpacked)

12.7 kg / 28 lb each

### Finishes

Cherry, Natural Maple, Piano Black

### Matching Paradigm® Speaker Stand

J-29

## S6

### Crossovers

3rd-order electro-acoustic at 2.0 kHz,  
2nd-order electro-acoustic at 190 Hz  
(bass drivers)

### High-Frequency Driver

25-mm (1 in) P-Be™ dome, ferro-fluid damped / cooled, rear damping chamber with ARB™ fins and integrated heatsink, dual super-neodymium ring magnets, die-cast heatsink chassis, IMS/SHOCK-MOUNT™

### Midrange Driver

178-mm (7 in) Co-PAL™ cone, ferro-fluid damped / cooled, ATC™ chambers, 38-mm (1-1/2 in) dual-layer voice coil, super-neodymium ring magnets, AVS™ die-cast heatsink chassis, IMS/SHOCK-MOUNT™

### Bass Drivers

Two 178-mm (7 in) mineral-filled polypropylene cones, overmolded NLC™ surrounds, 38-mm (1-1/2 in) four-layer bifilar long-excursion voice coils, massive hard ferrite magnets, AVS™ die-cast heatsink chassis, IMS/SHOCK-MOUNT™

### Low-Frequency Extension\*

26 Hz (DIN)

### Frequency Response

#### On-Axis:

±2 dB from 45 Hz – 45 kHz

#### 30° Off-Axis:

±2 dB from 45 Hz – 20 kHz

### Sensitivity – Room / Anechoic

91 dB / 88 dB

### Suitable Amplifier Power Range

15 – 400 watts

### Maximum Input Power†

200 watts

### Impedance

Compatible with 8 ohms

### Height, Width, Depth

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

### Weight (unpacked)

31.8 kg / 70 lb each

### Finishes

Cherry, Natural Maple, Piano Black

## S8

### Crossovers

3rd-order electro-acoustic at 2.0 kHz,  
2nd-order electro-acoustic at 230 Hz  
(bass drivers)

### High-Frequency Driver

25-mm (1 in) P-Be™ dome, ferro-fluid damped / cooled, rear damping chamber with ARB™ fins and integrated heatsink, dual super-neodymium ring magnets, die-cast heatsink chassis, IMS/SHOCK-MOUNT™

### Midrange Driver

178-mm (7 in) Co-PAL™ cone, ferro-fluid damped / cooled, ATC™ chambers, 38-mm (1-1/2 in) dual-layer voice coil, super-neodymium ring magnets, AVS™ die-cast heatsink chassis, IMS/SHOCK-MOUNT™

### Bass Drivers

Four 178-mm (7 in) mineral-filled polypropylene cones, overmolded NLC™ surrounds, 38-mm (1-1/2 in) four-layer long-excursion voice coils, massive hard ferrite magnets, AVS™ die-cast heatsink chassis, IMS/SHOCK-MOUNT™

### Low-Frequency Extension\*

24 Hz (DIN)

### Frequency Response

#### On-Axis:

±2 dB from 39 Hz – 45 kHz

#### 30° Off-Axis:

±2 dB from 39 Hz – 20 kHz

### Sensitivity – Room / Anechoic

92 dB / 89 dB

### Suitable Amplifier Power Range

15 – 500 watts

### Maximum Input Power†

250 watts

### Impedance

Compatible with 8 ohms

### Height, Width, Depth

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)

45.3 kg / 100 lb each

### Finishes

Cherry, Natural Maple, Piano Black





*C1*

**Design**

4-driver, 3-way, ultra-compact center channel



*C3*

**Design**

4-driver, 3-way, center channel



*C5*

**Design**

6-driver, 3-1/2-way, center channel

## C1

### Crossovers

3rd-order electro-acoustic at 2.2 kHz,  
2nd-order electro-acoustic at 560 Hz  
(bass drivers)

### High-Frequency Driver

25-mm (1 in) P-Be™ dome, ferro-fluid  
damped / cooled, rear damping chamber  
with ARB™ fins and integrated heatsink,  
dual super-neodymium ring magnets, die-cast  
enclosure / integrated heatsink chassis

### Midrange Driver

85-mm (3-1/2 in) Co-PAL™ cone, ferro-fluid  
damped / cooled, ATC™ chambers, 25-mm  
(1 in) dual-layer voice coil, super-neodymium  
ring magnets, AVS™ die-cast heatsink chassis

### Bass Drivers

Two 127-mm (5 in) mineral-filled  
polypropylene cones, overmolded NLC™  
surrounds, 38-mm (1-1/2 in) two-layer  
split voice coils, super-neodymium ring  
magnets, AVS™ die-cast heatsink chassis

### Low-Frequency Extension\*

58 Hz (DIN)

### Frequency Response

#### On-Axis:

±2 dB from 73 Hz – 35 kHz

#### 30° Off-Axis:

±2 dB from 73 Hz – 20 kHz

### Sensitivity – Room / Anechoic

88 dB / 85 dB

### Suitable Amplifier Power Range

15 – 225 watts

### Maximum Input Power†

140 watts

### Impedance

Compatible with 8 ohms

### Height, Width, Depth

18.0 cm x 43.0 cm x 22.5 cm  
7 in x 17 in x 9 in

### Weight (unpacked)

10.5 kg / 25 lb each

### Finishes

Cherry, Natural Maple, Piano Black

## C3

### Crossovers

3rd-order electro-acoustic at 1.8 kHz,  
2nd-order electro-acoustic at 370 Hz  
(bass drivers)

### High-Frequency Driver

25-mm (1 in) P-Be™ dome, ferro-fluid  
damped / cooled, rear damping chamber  
with ARB™ fins and integrated heatsink,  
dual super-neodymium ring magnets, die-cast  
heatsink chassis, IMS/SHOCK-MOUNT™

### Midrange Driver

102-mm (4 in) Co-PAL™ cone, ferro-fluid  
damped / cooled, ATC™ chambers, 25-mm  
(1 in) dual-layer voice coil, super-neodymium  
ring magnets, AVS™ die-cast heatsink chassis,  
IMS/SHOCK-MOUNT™

### Bass Drivers

Two 178-mm (7 in) mineral-filled  
polypropylene cones, overmolded NLC™  
surrounds, 38-mm (1-1/2 in) four-layer  
voice coils, massive hard ferrite magnets,  
AVS™ die-cast heatsink chassis,  
IMS/SHOCK-MOUNT™

### Low-Frequency Extension\*

30 Hz (DIN)

### Frequency Response

#### On-Axis:

±2 dB from 46 Hz – 35 kHz

#### 30° Off-Axis:

±2 dB from 46 Hz – 20 kHz

### Sensitivity – Room / Anechoic

91 dB / 88 dB

### Suitable Amplifier Power Range

15 – 325 watts

### Maximum Input Power†

180 watts

### Impedance

Compatible with 8 ohms

### Height, Width, Depth

24.1 cm x 67.3 cm x 33.0 cm  
9-1/2 in x 26-1/2 in x 13 in

### Weight (unpacked)

20.4 kg / 45 lb each

### Finishes

Cherry, Natural Maple, Piano Black

### Matching Paradigm® Speaker Stand

J-18C

## C5

### Crossovers

3rd-order electro-acoustic at 2.1 kHz,  
2nd-order electro-acoustic at 600 Hz,  
2nd-order electro-acoustic at 350 Hz  
(outer bass drivers)

### High-Frequency Driver

25-mm (1 in) P-Be™ dome, ferro-fluid  
damped / cooled, rear damping chamber  
with ARB™ fins and integrated heatsink,  
dual super-neodymium ring magnets, die-cast  
heatsink chassis, IMS/SHOCK-MOUNT™

### Midrange Driver

102-mm (4 in) Co-PAL™ cone, ferro-fluid  
damped / cooled, ATC™ chambers, 25-mm  
(1 in) dual-layer voice coil, super-neodymium  
ring magnets, AVS™ die-cast heatsink chassis,  
IMS/SHOCK-MOUNT™

### Bass / Midrange Drivers

Two 178-mm (7 in) Co-PAL™ cones,  
overmolded NLC™ surrounds, 38-mm  
(1-1/2 in) dual-layer long-excursion voice coils,  
massive hard ferrite magnet, AVS™ die-cast  
heatsink chassis, IMS/SHOCK-MOUNT™

### Bass Drivers

Two 178-mm (7 in) mineral-filled  
polypropylene cones, overmolded NLC™  
surrounds, 38-mm (1-1/2 in) dual-layer  
long-excursion voice coils, massive hard  
ferrite magnets, AVS™ die-cast heatsink  
chassis, IMS/SHOCK-MOUNT™

### Low-Frequency Extension\*

24 Hz (DIN)

### Frequency Response

#### On-Axis:

±2 dB from 43 Hz – 35 kHz

#### 30° Off-Axis:

±2 dB from 43 Hz – 20 kHz

### Sensitivity – Room / Anechoic

93 dB / 90 dB

### Suitable Amplifier Power Range

15 – 500 watts

### Maximum Input Power†

250 watts

### Impedance

Compatible with 8 ohms

### Height, Width, Depth

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

### Weight (unpacked)

36.7 kg / 81 lb each

### Finishes

Cherry, Natural Maple, Piano Black

### Matching Paradigm® Speaker Stand

J-18C



W5

Design

6-driver, 3-way, on-wall left / right



W5 C

Design

6-driver, 3-way,  
on-wall center channel

## W5

### Crossovers

3rd-order electro-acoustic at 2.0 kHz,  
2nd-order electro-acoustic at 300 Hz  
(bass drivers)

### High-Frequency Driver

25-mm (1 in) P-Be™ dome, ferro-fluid  
damped / cooled, rear damping chamber with  
ARB™ fins, dual super-neodymium magnets,  
die-cast heatsink chassis, IMS/SHOCK-MOUNT™

### Midrange Driver

115-mm (4-1/2 in) Co-PAL™ cone,  
ferro-fluid damped / cooled, anodized  
solid-aluminum phase plug, 25-mm (1 in)  
dual-layer voice coil, dual super-neodymium  
magnets, AVS™ die-cast heatsink chassis,  
IMS/SHOCK-MOUNT™

### Bass / Midrange Drivers

Two 178-mm (7 in) Co-PAL™ cones, metallized  
high-integrity dust caps, 38-mm (1-1/2 in)  
dual-layer voice coils, super-neodymium  
magnets, AVS™ die-cast heatsink chassis,  
IMS/SHOCK-MOUNT™

### Bass Drivers

Two 178-mm (7 in) mineral-filled polypropylene  
cones, 38-mm (1-1/2 in) four-layer voice coils,  
super-neodymium magnets, AVS™ die-cast  
heatsink chassis, IMS/SHOCK-MOUNT™

### Low-Frequency Extension\*

44 Hz (DIN)

### Frequency Response

#### On-Axis:

±2 dB from 70 Hz – 45 kHz

#### 30° Off-Axis:

±2 dB from 70 Hz – 20 kHz

### Sensitivity – Room / Anechoic

94 dB / 90 dB

### Suitable Amplifier Power Range

15 – 450 watts

### Maximum Input Power†

225 watts

### Impedance

Compatible with 8 ohms

### Height, Width, Depth

95.0 cm x 22.7 cm x 14.3 cm  
37-3/8 in x 9 in x 5-5/8 in

### Weight (unpacked)

17.7 kg / 39 lb each

### Finishes

Cherry, Natural Maple, Piano Black

### On-Wall Mounting Brackets

Included

## W5 C

### Crossovers

3rd-order electro-acoustic at 2.0 kHz,  
2nd-order electro-acoustic at 300 Hz  
(bass drivers)

### High-Frequency Driver

25-mm (1 in) P-Be™ dome, ferro-fluid  
damped / cooled, rear damping chamber with  
ARB™ fins, dual super-neodymium magnets,  
die-cast heatsink chassis, IMS/SHOCK-MOUNT™

### Midrange Driver

115-mm (4-1/2 in) Co-PAL™ cone,  
ferro-fluid damped / cooled, anodized  
solid-aluminum phase plug, 25-mm (1 in)  
dual-layer voice coil, dual super-neodymium  
magnets, AVS™ die-cast heatsink chassis,  
IMS/SHOCK-MOUNT™

### Bass / Midrange Drivers

Two 178-mm (7 in) Co-PAL™ cones, metallized  
high-integrity dust caps, 38-mm (1-1/2 in)  
dual-layer voice coils, super-neodymium  
magnets, AVS™ die-cast heatsink chassis,  
IMS/SHOCK-MOUNT™

### Bass Drivers

Two 178-mm (7 in) mineral-filled polypropylene  
cones, 38-mm (1-1/2 in) four-layer voice coils,  
super-neodymium magnets, AVS™ die-cast  
heatsink chassis, IMS/SHOCK-MOUNT™

### Low-Frequency Extension\*

44 Hz (DIN)

### Frequency Response

#### On-Axis:

±2 dB from 70 Hz – 45 kHz

#### 30° Off-Axis:

±2 dB from 70 Hz – 20 kHz

### Sensitivity – Room / Anechoic

94 dB / 90 dB

### Suitable Amplifier Power Range

15 – 450 watts

### Maximum Input Power†

225 watts

### Impedance

Compatible with 8 ohms

### Height, Width, Depth

22.7 cm x 95.0 cm x 14.3 cm  
9 in x 37-3/8 in x 5-5/8 in

### Weight (unpacked)

17.7 kg / 39 lb per each

### Finishes

Cherry, Natural Maple, Piano Black

### TV-Top / Shelf-Mounting Supports

Included



## ADP1

**Design**  
5-driver, 3-way, ultra-compact  
surround / rear



## ADP3

**Design**  
5-driver, 3-way, surround / rear

## ADP1

### Crossovers

3rd-order electro-acoustic at 2.0 kHz,  
2nd-order electro-acoustic at 300 Hz

### High-Frequency Drivers

Two 25-mm (1 in) P-Be™ domes, ferro-fluid damped / cooled, rear damping chambers with ARB™ fins and integrated heatsinks, dual super-neodymium ring magnets, die-cast heatsink chassis, IMS/SHOCK-MOUNT™

### Midrange Drivers

Two 85-mm (3-1/2 in) Co-PAL™ cones, ferro-fluid damped / cooled, ATC™ chambers, 25-mm (1 in) dual-layer voice coils, super-neodymium ring magnets, AVS™ die-cast heatsink chassis, IMS/SHOCK-MOUNT™

### Bass Driver

155-mm (6 in) mineral-filled polypropylene cone, overmolded NLC™ surrounds, 38-mm (1-1/2 in) dual-layer long-excursion voice coil, massive hard ferrite magnets, integrated AVS™ baffle / die-cast heatsink chassis, IMS/SHOCK-MOUNT™

### Low-Frequency Extension\*

60 Hz (DIN)

### Frequency Response

±2 dB from 100 Hz – 45 kHz  
(optimized reverberant soundfield)

### Sensitivity – Room / Anechoic

88 dB / 85 dB

### Suitable Amplifier Power Range

15 – 225 watts

### Maximum Input Power†

140 watts

### Impedance

Compatible with 8 ohms

### Height, Width, Depth

19.0 cm x 30.5 cm x 15.5 cm  
7-1/2 in x 12 in x 6 in

### Weight (unpacked)

7.0 kg / 15.5 lb each

### Finishes

Cherry, Natural Maple, Piano Black

### Matching Paradigm® Speaker Stand

GS-30

## ADP3

### Crossovers

3rd-order electro-acoustic at 1.8 kHz,  
2nd-order electro-acoustic at 260 Hz

### High-Frequency Drivers

Two 25-mm (1 in) P-Be™ domes, ferro-fluid damped / cooled, rear damping chambers with ARB™ fins and integrated heatsink, ceramic / ferrite magnets, die-cast heatsink chassis, IMS/SHOCK-MOUNT™

### Midrange Drivers

Two 102-mm (4 in) Co-PAL™ cones, ferro-fluid damped / cooled, ATC™ chambers, 25-mm (1 in) dual-layer voice coils, super-neodymium ring magnets, AVS™ die-cast heatsink chassis, IMS/SHOCK-MOUNT™

### Bass Driver

210-mm (8 in) mineral-filled polypropylene cone, overmolded NLC™ surrounds, 38-mm (1-1/2 in) dual-layer long-excursion voice coil, massive ceramic / ferrite magnets, AVS™ die-cast heatsink chassis, IMS/SHOCK-MOUNT™

### Low-Frequency Extension\*

55 Hz (DIN)

### Frequency Response

±2 dB from 82 Hz – 45 kHz  
(optimized reverberant soundfield)

### Sensitivity – Room / Anechoic

89 dB / 86 dB

### Suitable Amplifier Power Range

15 – 250 watts

### Maximum Input Power†

180 watts

### Impedance

Compatible with 8 ohms

### Height, Width, Depth

33.7 cm x 35.9 cm x 19.1 cm  
13-1/4 in x 14-1/8 in x 7-1/2 in

### Weight (unpacked)

16.8 kg / 26 lb each

### Finishes

Cherry, Natural Maple, Piano Black

### Matching Paradigm® Speaker Stand

J-29