



# PARADIGM SURROUND 1

# PARADIGM SURROUND 3



Anyone eager for an affordable, high-end surround speaker will want to hear Paradigm Surround 1 or Paradigm Surround 3. These speakers add size and dimension to the musical soundstage, which envelopes you in non-localized sound. Their design ensures maximum placement flexibility – even in rooms where dimensions and configuration are not ideal.

#### **ADVANCED FEATURES AND FUNCTIONS:**

**Exclusive Perforated Phase-Aligning (PPA™) Lens** increases and smooths output without colouring the sound, while protecting the drivers from damage.

**Sophisticated crossovers:** Polypropylene film or bipolar electrolytic capacitors, air core and laminated core inductors, 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 drivers cross over.

#### **X-PAL™ Satin-Anodized Pure Aluminum**

**Mid-Bass Cones** provide high stiffness-to-mass ratio and outstanding internal damping. The result? Remarkable midrange clarity, super extended bass response and freedom from unwanted resonances and distortions. (*Paradigm Surround 3*)

#### **Mineral Filled Polypropylene Mid-Bass Cones:**

Oversized computer-optimized ferrite magnets and high-power motor structures deliver detailed performance with clean, extended bass. (*Paradigm Surround 1*)

- **NEW!** Better Performance
- **NEW!** Paradigm's patent pending Phase Aligning (PPA™) Lens

Paradigm Surrounds are the perfect match for Monitor SE Series, Premier Series or Prestige Series!



	<b>SURROUND 1</b>	<b>SURROUND 3</b>
<b>Design</b>	4-driver, 2-way bi-directional surround/rear	4-driver, 2-way bi-directional surround/rear
<b>Crossover</b>	2nd-order electro-acoustic at 2.0 kHz	2nd-order electro-acoustic at 2.3 kHz
<b>High Frequency Driver</b>	Two 1" (25mm) X-PAL™ dome, ferro-fluid damped / cooled, Perforated Phase-Aligning Tweeter (PPA™) Lens	Two 1" (25mm) X-PAL™ dome, ferro-fluid damped / cooled, Perforated Phase-Aligning Tweeter (PPA™) Lens
<b>Bass/Midrange Driver</b>	Two 4-1/2" (110mm) mineral-filled polypropylene cones, 1" (25mm) voice-coils, oversize ceramic / ferrite magnets, steel chassis	Two 5-1/2" (140mm) X-PAL™ cones, 1" (25mm) voice-coils, oversize ceramic / ferrite magnets, GRIP™ chassis
<b>Low Frequency Extension</b>	71 Hz	45Hz
<b>Frequency Response (On Axis)</b>	±2dB 120 Hz - 20 kHz	+/-2dB 90 Hz - 20 kHz
<b>Frequency Response (30°)</b>	bi-directional soundfield	bi-directional soundfield
<b>Sensitivity - Room</b>	89 dB	90 dB
<b>Sensitivity - Anechoic</b>	86 dB	87 dB
<b>Suitable Amplifier Power Range</b>	15-100W	15-175W
<b>Maximum Input Power</b>	100 Watts	120 Watts
<b>Impedance</b>	Compatible with 8 ohms	Compatible with 8 ohms
<b>Overall Dimensions (h x w x d)</b>	8-1/2" x 9-1/4" x 5-1/8" (21.6cm x 23.5cm x 13cm)	10-5/8" x 13" x 5-5/8" (27cm x 33cm x 14.3cm)
<b>Weight</b>	7.25 lbs. (3.28 kg) each	13.95 lbs. (6.32 kg) each
<b>Finish</b>	Black	Black

Specifications are subject to change without notice.

