

# All New Monitor Series v.5 with SuperDrive™ Technology

No need to give up fidelity to get LOUD! This still very affordable next-generation series blows the competition away.



As we continue to expand into new product categories, streamlining and simplifying our product line, Performance Series and Monitor Series have been combined into one exceptional new series: **Monitor Series v.5**. (See below for model lineup and specs.) Following are some of the highlights of this series:

**NEW! PARADIGM® SUPERDRIVE™ TECHNOLOGY.** Redesigned drivers and crossovers (see below) offer even higher levels of performance. Our new proprietary **SuperDrive™** technology combines very high efficiency and very high output with ultra low distortion. Even with moderately powered amplifiers, Monitor Series v.5 delivers superior high-end performance.

**NEW! Much Higher Efficiency + Higher Power Handling** mean Monitor Series v.5 speakers compete directly with the efficiency and output of major brands of horn speakers. And it's a difference you can hear ... in non-level-matched a/b comparisons Monitor v.5 speakers not only play *as loud*, their sound is authentically high-end! And it gets better ... *compared with all other major speaker brands*, when it comes to playing loud the new Monitor Series v.5 leads the way.

**NEW! 3-Way Design for Center Channels** delivers measurably improved off-axis performance and extended dynamic range while also ensuring superb timbre matching.

**NEW! High-Power Phase-Coherent Crossovers** boast an extremely efficient and effective series/parallel topology as well as close tolerance components, including: high-quality film capacitors first seen in Paradigm® Reference Studio Series v.3, high-power ceramic resistors, and air/steel core inductors. NOTE: Monitor 7, 9 and 11 can be bi-wired.

**NEW! 1" (25 mm) H-PTD™ High-Efficiency Pure-Titanium Domes**, with redesigned tweeter WaveGuide™, deliver a significant increase in high-frequency output over previous generations. Powerful ceramic magnets (neodymium magnets in center channels and ADP-390) and ferro-fluid cooling ensure exceptional power handling for high frequency response that is crystal clear, exceptionally spacious and airy, with superb extension.

**NEW! M-ICP™ High-Efficiency Minimum-Mass Injection-Molded Co-Polymer Polypropylene Midrange and Bass/Midrange Cones.** The ultra-low-mass material combined with the exceptional rigidity achieved through the injection-molding process ensure audibly superior performance.

**Dedicated Midrange Drivers** have been optimized for their specific role in center channel and surround/rear performance: Ferro-fluid cooling for increased power handling; smaller overmolded surrounds to further reduce moving mass; and rigid lightweight copper voice coils to enhance motor power while also serving to reduce mass.

**NEW! Over-Molded Santoprene® Polypropylene/Rubber Surrounds, Nomex® Spiders and Lightweight Copper or Aluminum Voice Coils.** The over-molding process chemically bonds the cone to the surround at the molecular level, resulting in a substantial increase in strength and durability while reducing overall mass. Nomex® was chosen for its proven performance under even the most demanding conditions.

- **Advanced High-Power Carbon-Infused Bass Cones** continue to control the lower frequencies in this new series.
- **Die-Cast or GRIP™ Glass-Reinforced Injection-Molded Polymer Chassis** (varies by model) continue to offer outstanding rigidity across the series.

Monitor Series v.5 available in Cherry (shown), Rosenut and Black Ash; ADP's in Black or White



**Paradigm®**

## Specifications:

	<b>Atom Monitor</b> Replaces Atom, Titan	<b>Mini Monitor</b> Replaces Focus, Mini	<b>Titan Monitor</b> Replaces Monitor 3/5	<b>Monitor 7</b> Replaces Esprit, Phantom	<b>Monitor 9</b> Replaces Monitor 7/9	<b>Monitor 11</b> Replaces Monitor 11
<b>Design</b> (MagneShield™ optional††)	2-driver, 2-way; bookshelf / stand-mounted	2-driver, 2-way; bookshelf / stand-mounted	2-driver, 2-way; bookshelf / stand-mounted	4-driver, 2-1/2-way; floorstanding	4-driver, 2-1/2-way; floorstanding	4-driver, 2-1/2-way; floorstanding
<b>Crossover</b>	2nd-order electro-acoustic at 2.2 kHz	2nd-order electro-acoustic at 2.0 kHz	2nd-order electro-acoustic at 1.8 kHz	3rd-order electro-acoustic at 2.0 kHz; 2nd-order electro-acoustic at 700 Hz (lower bass drivers)	3rd-order electro-acoustic at 1.9 kHz; 2nd-order electro-acoustic at 500 Hz (lower bass drivers)	3rd-order electro-acoustic at 2.3 kHz; 2nd-order electro-acoustic at 600 Hz (lower bass drivers)
<b>High-Frequency Driver</b>	25-mm (1 in) H-PTD™ dome, ferro-fluid cooled	25-mm (1 in) H-PTD™ dome, ferro-fluid cooled	25-mm (1 in) H-PTD™ dome, ferro-fluid cooled	25-mm (1 in) H-PTD™ dome, ferro-fluid cooled	25-mm (1 in) H-PTD™ dome, ferro-fluid cooled	25-mm (1 in) H-PTD™ dome, ferro-fluid cooled
<b>Bass / Midrange Driver</b>	140-mm (5-1/2 in) M-ICP™ cone, 25-mm (1 in) voice coil, GRIP™ chassis	165-mm (6-1/2 in) M-ICP™ cone, 25-mm (1 in) voice coil, GRIP™ chassis	190-mm (7-1/2 in) M-ICP™ cone, 25-mm (1 in) voice coil, GRIP™ chassis	140-mm (5-1/2 in) M-ICP™ cone, 25-mm (1 in) voice coil, GRIP™ chassis	165-mm (6-1/2 in) M-ICP™ cone, 25-mm (1 in) voice coil, die-cast heatsink chassis	190-mm (7-1/2 in) M-ICP™ cone, 25-mm (1 in) voice coil, die-cast heatsink chassis
<b>Bass Driver(s)</b>				Two 140-mm (5-1/2 in) carbon-infused polypropylene cones, 25-mm (1 in) voice coils, GRIP™ chassis	Two 165-mm (6-1/2 in) carbon-infused polypropylene cones, 25-mm (1 in) voice coils, die-cast heatsink chassis	Two 190-mm (7-1/2 in) carbon-infused polypropylene cones, 25-mm (1 in) voice coils, die-cast heatsink chassis
<b>Low-Frequency Extension*</b>	50 Hz (DIN)	43 Hz (DIN)	39 Hz (DIN)	41 Hz (DIN)	39 Hz (DIN)	32 Hz (DIN)
<b>Frequency Response: <i>On-Axis</i> 30° <i>Off-Axis</i></b>	±2 dB from 90 Hz – 20 kHz ±2 dB from 90 Hz – 15 kHz	±2 dB from 70 Hz – 20 kHz ±2 dB from 70 Hz – 15 kHz	±2 dB from 70 Hz – 20 kHz ±2 dB from 70 Hz – 15 kHz	±2 dB from 54 Hz – 20 kHz ±2 dB from 54 Hz – 15 kHz	±2 dB from 51 Hz – 20 kHz ±2 dB from 51 Hz – 15 kHz	±2 dB from 48 Hz – 20 kHz ±2 dB from 48 Hz – 15 kHz
<b>Sensitivity – Room/Anechoic</b>	90 / 87 dB	92 / 89 dB	93 / 90 dB	94 / 91 dB	96 / 93 dB	97 / 94 dB
<b>Suitable Amplifier Power Range</b>	15 – 80 watts	15 – 100 watts	15 – 100 watts	15 – 180 watts	15 – 200 watts	15 – 250 watts
<b>Maximum Input Power†</b>	50 watts	80 watts	80 watts	130 watts	150 watts	180 watts
<b>Impedance</b>	Compatible with 8 ohms	Compatible with 8 ohms	Compatible with 8 ohms	Compatible with 8 ohms	Compatible with 8 ohms	Compatible with 8 ohms
<b>Internal Volume</b>	6.26 L / 0.22 cu ft	10.6 L / 0.37 cu ft	17.1 L / 0.60 cu ft	25.7 L / 0.90 cu ft	39.2 L / 1.38 cu ft	61.2 L / 2.16 cu ft
<b>Height, Width, Depth</b> (includes spikes/feet where applicable)	27.7 cm x 16.5 cm x 25.8 cm 10-15/16 in x 6-1/2 in x 10-3/16 in	33.4 cm x 19.0 cm x 28.4 cm 13-3/16 in x 7-1/2 in x 11-13/16 in	46.8 cm x 21.5 cm x 30.1 cm 18-7/16 in x 8-1/2 in x 11-7/8 in	93.8 cm x 16.5 cm x 29.8 cm 36-15/16 in x 6-1/2 in x 11-3/4 in	102.3 cm x 19.0 cm x 33.6 cm 40-5/16 in x 7-1/2 in x 13-1/4 in	110.0 cm x 21.5 cm x 40.1 cm 43-5/16 in x 8-1/2 in x 15-13/16 in
<b>Weight</b> (unpacked)	10.4 kg / 23 lb per pair	15.4 kg / 34 lb per pair	19.9 kg / 44 lb per pair	33.5 kg / 74 lb pair	39.9 kg / 88 lb pair	48.9 kg / 108 lb pair
<b>Finishes</b>	Cherry, Rosenut, Black Ash, White, MagneShield††	Cherry, Rosenut, Black Ash, MagneShield††	Cherry, Rosenut, Black Ash, MagneShield††	Cherry, Rosenut, Black Ash, MagneShield††	Cherry, Rosenut, Black Ash, MagneShield††	Cherry, Rosenut, Black Ash, MagneShield††

	<b>CC-190</b> Replaces CC-170	<b>CC-290</b> Replaces CC-270, CC-370	<b>CC-390</b> New Model!	<b>ADP-190</b> Replaces ADP-170	<b>ADP-390</b> Replaces ADP-370
<b>Design</b>	4-driver, 3-way; center channel, MagneShield™	4-driver, 3-way; center channel, MagneShield™	7-driver, 3-way; center channel, MagneShield™	4-driver, 2-way; surround/rear	5-driver, 3-way; surround/rear
<b>Crossover</b>	2nd-order electro-acoustic at 2.8 kHz; 2nd-order electro-acoustic at 300 Hz (bass drivers)	2nd-order electro-acoustic at 2.5 kHz; 2nd-order electro-acoustic at 250 Hz (lower bass drivers)	2nd-order electro-acoustic at 2.4 kHz; 2nd-order electro-acoustic at 250 Hz (bass drivers)	2nd-order electro-acoustic at 2.0 kHz	2nd-order electro-acoustic at 3.0 kHz; 2nd order electro-acoustic at 250 Hz (bass drivers)
<b>High-Frequency Driver(s)</b>	25-mm (1 in) H-PTD™ dome, ferro-fluid cooled	25-mm (1 in) H-PTD™ dome, ferro-fluid cooled	25-mm (1 in) H-PTD™ dome, ferro-fluid cooled	Two 25-mm (1 in) H-PTD™ domes, ferro-fluid cooled	Two 25-mm (1 in) H-PTD™ domes, ferro-fluid cooled
<b>Midrange Driver(s)</b>	90-mm (3-1/2 in) M-ICP™ cone, ferro-fluid cooled, 25-mm (1 in) voice coil, GRIP™ chassis	115-mm (4-1/2 in) M-ICP™ cone, ferro-fluid cooled, 25-mm (1 in) voice coil, GRIP™ chassis	Two 115-mm (4-1/2 in) M-ICP™ cones, ferro-fluid cooled, 25-mm (1 in) voice coils, GRIP™ chassis		Two 115-mm (4-1/2 in) M-ICP™ cones, 25-mm (1 in) voice coils, ferro-fluid cooled, GRIP™ chassis
<b>Bass / Midrange Driver(s)</b>				Two 140-mm (5-1/2 in) M-ICP™ cones, ferro-fluid cooled, 25-mm (1 in) voice coils, GRIP™ chassis	
<b>Bass Driver(s)</b>	Two 140-mm (5-1/2 in) carbon-infused cones, 25-mm (1 in) voice coils, GRIP™ chassis	Two 165-mm (6-1/2 in) carbon-infused polypropylene cones, 25-mm (1 in) voice coils, die-cast heatsink chassis	Four 165-mm (6-1/2 in) carbon-infused polypropylene cones, 25-mm (1 in) voice coils, die-cast heatsink chassis		190-mm (7-1/2 in) carbon-infused polypropylene cone, 38-mm (1-1/2 in) voice coil, die-cast heatsink chassis
<b>Low-Frequency Extension*</b>	54 Hz (DIN)	44 Hz (DIN)	44 Hz (DIN)	80 Hz (DIN)	70 Hz (DIN)
<b>Frequency Response: <i>On-Axis</i> 30° <i>Off-Axis</i></b>	±2 dB from 90 Hz – 20 kHz ±2 dB from 90 Hz – 17 kHz	±2 dB from 80 Hz – 20 kHz ±2 dB from 80 Hz – 17 kHz	±2 dB from 80 Hz – 20 kHz ±2 dB from 80 Hz – 17 kHz	±2 dB from 110 Hz – 20 kHz (reverberant soundfield)	±2 dB from 100 Hz – 20 kHz (reverberant soundfield)
<b>Sensitivity – Room/Anechoic</b>	93 / 90 dB	94 / 91 dB	97 / 94 dB	90 / 87 dB	90 / 87 dB
<b>Suitable Amplifier Power Range</b>	15 – 120 watts	15 – 175 watts	15 – 200 watts	15 – 100 watts	15 – 175 watts
<b>Maximum Input Power†</b>	80 watts	120 watts	150 watts	80 watts	120 watts
<b>Impedance</b>	Compatible with 8 ohms	Compatible with 8 ohms	Compatible with 8 ohms	Compatible with 8 ohms	Compatible with 8 ohms
<b>Internal Volume</b>	13.7 L / 0.48 cu ft	22.8 L / 0.80 cu ft	49.9 L / 1.76 cu ft	4.9 L / 0.17 cu ft	8.1 L / 0.28 cu ft
<b>Height, Width, Depth</b> (includes spikes/feet where applicable)	17.7 cm x 56.3 cm x 25.8 cm 7 in x 22-3/16 in x 10-3/16 in	19.8 cm x 67.9 cm x 29.0 cm 7-13/16 in x 26-3/4 in x 11-7/16 in	21.5 cm x 99.0 cm x 37.1 cm 8-1/2 in x 39 in x 14-5/8 in	26.1 cm x 18.7 cm x 16.1 cm 10-5/16 in x 7-3/8 in x 6-3/8 in	24.6 cm x 35.5 cm x 17.3 cm 9-11/16 in x 14 in x 6-13/16 in
<b>Weight</b> (unpacked)	9.2 kg / 20.5 lb each	14.5 kg / 32 lb each	27.6 kg / 61 lb each	3.6 kg / 8 lb each	5.8 kg / 13 lb each
<b>Finishes</b>	Cherry, Rosenut, Black Ash	Cherry, Rosenut, Black Ash	Cherry, Rosenut, Black Ash	Black, White	Black, White

\*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. †† MagneShield™ option available in Black Ash only; included on all center channels.