

PARADIGM® REFERENCE MILLENIA™ SERIES

Lifestyle design PLUS state-of-the-art Paradigm® Reference high-end technology!



PARADIGM® REFERENCE



NEW! Millenia™ 20 Trio and Millenia™ ADP

Paradigm® Reference Millenia™ Series offers a sleek next-generation look to complement today's flat-panel televisions **without** sacrificing sound quality. In addition to two gorgeous floorstanding models and two LCR models, the series now also includes ...

NEW MODEL! Millenia™ 20 Trio. Three main speakers in one fabulously sleek lifestyle cabinet—a left front speaker, a right front speaker, and a center channel—a superb single-cabinet alternative for those who want to simplify and streamline their setup.

NEW MODEL! Millenia™ ADP. No multichannel music or home theater performance is complete without Paradigm's trademark ADP™ reverberant soundfield surround speakers. ADP's put the "theater" in home theater and make music sound "live."

Fast Facts about all Millenia™ high-end lifestyle designs:

S-PAL™ Satin-Anodized Pure-Aluminum Domes. Deep-anodized for exceptional rigidity and paired with a low-mass treated textile suspension. Highs are spacious, clear, exceptionally well extended and silky smooth.

Critical Coupling of Phase-Alignment Bridge and Elevated Dome ensures an extremely flat response with optimal off-axis dispersion.

Rigid High-Pressure Die-Cast Aluminum Chassis eliminate mechanical vibrations and effectively dissipate heat (a tweeter's foremost adversary) for incredibly low distortion and higher power handling.

Oversize Ceramic Magnet/Motor Structures. Computer-optimized using FEA (Finite Element Analysis) to generate intense energy in the gap. Power handling and output linearity are superb under all conditions.

Progressive MLP™ Mica-Loaded Co-Polymer Polypropylene Bass/Midrange Cones. The high stiffness-to-mass ratio of polypropylene and exceptional damping properties of Mica promote midrange performance that is accurate and lifelike, wonderfully detailed and critically revealing.

Polished Solid-Aluminum Phase Plugs improve air flow for significant gains in heat dissipation.

Overdesigned Nitrile-Butadiene Rubber (NBR) Surrounds and High-Temperature Nomex™ Spiders. NBR is known for its excellent damping properties and reliability, even under extreme operating conditions. The flat Nomex™ polyamide spider promotes extended, extremely linear driver excursion and ultra-low distortion.

High-Temperature Lightweight Copper-Clad Aluminum Wire Voice Coils. A rigid, low-mass design wound on vented Kapton™ polyamide formers.

Precision-Engineered Mineral-Filled Polypropylene Bass Cones enjoy a very high stiffness-to-mass ratio and excellent internal damping properties. Designed for higher sensitivity and higher output with minimal distortion.

Proprietary HTD™ Heat Transfer and Dissipation System. High-pressure die-cast aluminum chassis baskets cradle the neodymium magnet structures. The resulting dramatic increase in surface area ensures exceptional heat transfer and heat dissipation. Exterior heatsink fins reinforce the cooling process. A proprietary Paradigm® design.

Precision Crossover Network. Polypropylene capacitors, ceramic resistors and air/steel core inductors wound with oxygen-free copper wire.

Ultra-Slim Extruded-Aluminum Enclosures (except the ADP™) with side curvature provide exceptional structural integrity with no significant internal resonances. A fraction of the thickness of typical wood enclosures, the extruded design affords the benefits of a larger speaker in a significantly slimmer package.

Millenia™ speakers are designed to be used with a subwoofer. For unforgettable music and home theater performance add a Paradigm® Reference Seismic™ subwoofer to complete your system.

SPECIFICATIONS

	Millenia™ 20	Millenia™ 30	Millenia™ 20 Trio	Millenia™ 200	Millenia™ 300	Millenia™ ADP
Design	5-driver, 2-way acoustic suspension, MagneShield™, on-wall/stand/shelf-mounted	5-driver, 2-way acoustic suspension, MagneShield™, on-wall/shelf-mounted	9-driver, 3-channel (2-way center; 2-1/2-way Left and Right) acoustic suspension, MagneShield™, on-wall/shelf-mounted	6-driver, 2-1/2-way bass reflex, MagneShield™, floorstanding design	6-driver, 2-1/2-way bass reflex, MagneShield™, floorstanding design	5-driver, 3-way acoustic suspension, cast-aluminum/ABS enclosure, surround/rear
Crossover	2nd-order electro-acoustic at 2.0 kHz	2nd-order electro-acoustic at 2.0 kHz	2nd-order electro-acoustic at 2.0 kHz, 2nd-order electro-acoustic at 800 Hz (bass drivers on Left and Right channels)	2nd-order electro-acoustic at 2.0 kHz, 2nd-order electro-acoustic at 800 Hz (bass drivers)	2nd-order electro-acoustic at 2.0 kHz, 2nd-order electro-acoustic at 1.0 kHz (bass drivers)	1st-order electro-acoustic at 2.0 kHz, 2nd-order electro-acoustic at 300 Hz (bass driver)
High-Frequency Driver	25-mm (1 in) S-PAL™ satin-anodized pure-aluminum dome, ferro-fluid damped/cooled, die-cast heatsink chassis	25-mm (1 in) S-PAL™ satin-anodized pure-aluminum dome, ferro-fluid damped/cooled, die-cast heatsink chassis	Three 25-mm (1 in) S-PAL™ satin-anodized pure-aluminum domes, ferro-fluid damped/cooled, die-cast chassis	25-mm (1 in) S-PAL™ satin-anodized pure-aluminum dome, ferro-fluid damped/cooled, die-cast chassis	25-mm (1 in) S-PAL™ satin-anodized pure-aluminum dome, ferro-fluid damped/cooled, die-cast chassis	Two 25-mm (1 in) S-PAL™ satin-anodized pure-aluminum dome, ferro-fluid damped/cooled, die-cast chassis
Bass/Midrange Driver (Midrange for ADP)	Two 115-mm (4-1/2 in) MLP™ mica-loaded co-polymer polypropylene cones, 25-mm (1 in) dual-layer voice coils, HTD™ system die-cast heatsink chassis	Two 140-mm (5-1/2 in) MLP™ mica-loaded co-polymer polypropylene cones, 25-mm (1 in) dual-layer voice coils, HTD™ system die-cast heatsink chassis	Four 115-mm (4-1/2 in) MLP™ mica-loaded co-polymer polypropylene cones, 25-mm (1 in) dual-layer voice coils, HTD™ system die-cast heatsink chassis	Two 115-mm (4-1/2 in) MLP™ mica-loaded co-polymer polypropylene cones, 25-mm (1 in) dual-layer voice coils, HTD™ system die-cast heatsink chassis	Two 140-mm (5-1/2 in) MLP™ mica-loaded co-polymer polypropylene cones, 25-mm (1 in) dual-layer voice coils, HTD™ system die-cast heatsink chassis	Two 102-mm (4 in) MLP™ mica-loaded co-polymer polypropylene cones, 38-mm (1-1/2 in) dual-layer voice coil, HTD™ system die-cast heatsink chassis
Bass Driver(s)	Two 115-mm (4-1/2 in) mineral-filled polypropylene cones, 38-mm (1-1/2 in) dual-layer voice coils, HTD™ system die-cast heatsink chassis	Two 140-mm (5-1/2 in) mineral-filled polypropylene cones, 25-mm (1 in) dual-layer voice coils, HTD™ system die-cast heatsink chassis	Two 115-mm (4-1/2 in) mineral-filled polypropylene cones, 25-mm (1 in) dual-layer voice coils, HTD™ system die-cast heatsink chassis	Three 115-mm (4-1/2 in) mineral-filled polypropylene cones, 25-mm (1 in) dual-layer voice coils, HTD™ system die-cast heatsink chassis	Three 140-mm (5-1/2 in) mineral-filled polypropylene cones, 38-mm (1-1/2 in) dual-layer voice coils, HTD™ system die-cast heatsink chassis	150-mm (6 in) mineral-filled polypropylene cone, 38-mm (1-1/2 in) dual-layer voice coils, HTD™ system die-cast heatsink chassis
Low-Frequency Extension*	77 Hz (DIN)	76 Hz (DIN)	80 Hz (DIN)	55 Hz (DIN)	54 Hz (DIN)	62 Hz (DIN)
Frequency Response: On-Axis 30° Off-Axis	2 dB from 110 Hz - 20 kHz 2 dB from 110 Hz - 18 kHz	2 dB from 110 Hz - 20 kHz 2 dB from 110 Hz - 18 kHz	±2 dB from 120 Hz - 20 kHz ±2 dB from 120 Hz - 18 kHz	2 dB from 87 Hz - 20 kHz 2 dB from 87 Hz - 18 kHz	2 dB from 87 Hz - 20 kHz 2 dB from 87 Hz - 18 kHz	±2 dB from 95 Hz - 20 kHz (Reverberant Soundfield)
Sensitivity - Room/Anechoic	92 dB / 89 dB	94 dB / 91 dB	90 dB / 87 dB	92 dB / 89 dB	94 dB / 91 dB	88 dB / 85 dB
Suitable Amplifier Power Range	15 - 150 watts	15 - 200 watts	15 - 150 watts	15 - 150 watts	15 - 200 watts	15 - 200 watts
Maximum Input Power†	110 watts	130 watts	90 watts	130 watts	150 watts	100 watts
Impedance	Compatible with 8 ohms	Compatible with 8 ohms	Compatible with 8 ohms	Compatible with 8 ohms	Compatible with 8 ohms	Compatible with 8 ohms
Internal Volume	4.5 L / 0.16 cu ft	9.5 L / 0.33 cu ft	7.7 L / 0.27 cu ft	10.7 L / 0.38 cu ft	16.8 L / 0.59 cu ft	5.6 L / 0.2 cu ft
Dimensions:						
Enclosure (h x w x d)	65.8 cm x 13.0 cm x 11.7 cm	90.0 cm x 15.1 cm x 13.7 cm	13.0 cm x 105.0 cm x 12.0 cm	120.0 cm x 13.0 cm x 15.0 cm	133.3 cm x 15.1 cm x 17.5 cm	12.7 cm x 30.4 cm x 17.6 cm
(Height for 200/300 includes base/spikes/cones)	25-7/8 in x 5-1/8 in x 4-5/8 in	35-3/8 in x 5-7/8 in x 5-3/8 in	5-1/8 in x 41-1/8 in x 4-5/8 in	47-1/4 in x 5-1/8 in x 5-7/8 in	52-1/2 in x 5-7/8 in x 6-7/8 in	8-1/4 in x 12 in x 7 in
Glass Base (w x d)	n/a	n/a	n/a	23.8 cm x 22.8 cm / 9 in x 9-3/8 in	25.4 cm x 24.1 cm / 10 in x 9-1/2 in	n/a
Weight	5.7 kg / 12.6 lb per speaker	8 kg / 17.6 lb per speaker	8.2 kg / 18 lb per speaker	11.6 kg / 25.6 lb per speaker	13 kg / 28.5 lb per speaker	6.0 kg / 13 lb per speaker
Finishes	Polished Aluminum • Black Chrome	Polished Aluminum • Black Chrome	Polished Aluminum • Black Chrome	Polished Aluminum • Black Chrome	Polished Aluminum • Black Chrome	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.



From left: Millenia™ ADP, Millenia™ 20 Trio, Millenia™ 30, Millenia™ 20, Millenia™ 200, Millenia™ 300

Leading-edge Paradigm® Reference Millenia™ technology