

MILLENIA™ SERIES



Shown in Black Chrome: Millenia™ 300, Millenia™ 30

"Towers of power. A swanky high-performance system that works in even the most style-conscious homes."

— Michael Trei, Sound & Vision on the Millenia™ 300 system

Millenia™ speakers offer sophisticated state-of-the-art Paradigm® Reference technology wrapped in a sleek lifestyle design to complement today's flat-panel televisions.

Just like their more traditionally styled counterparts, Millenia™ speakers offer breathtaking music reproduction that lays bare the very essence of the original performance! And that complex mix of dialog, music and action effects that make up a movie's soundtrack? Millenia™ delivers it with a realism that no other high-end lifestyle system can! *Sound & Vision* magazine had this to say: "... beautiful and chic ... dynamic and powerful ... quick and highly detailed ... superb imaging ... dialog remained resolutely clear ... no sign of distress even in the most dynamic passages."

The slim Millenia™ 20 Trio takes lifestyle design a step further! 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 streamline and simplify their music and home theater setup without sacrificing even an ounce of high-end sound quality.

Although the Trio can hold its own when it comes to delivering the lower frequencies with clean, clear, well-extended bass performance, just like all Millenia™ speakers it is designed to be used with a subwoofer. For a truly unforgettable music and home theater experience, pair it with a Paradigm® Reference SUB 12.



Shown in Black Chrome: Millenia™ 20 Trio

MILLENNIA™ SERIES

High-Frequency Drive Units

Like all Paradigm® Reference high-frequency drivers, Millennia™ drivers exhibit breathtaking timbral clarity and a transparency that is comparable to the very best electrostatic or ribbon designs. Exceptionally smooth, vividly detailed and free of any spurious resonances, their performance is simply unmatched in high-end lifestyle design.

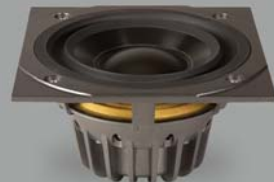
- **S-PAL™ Satin-Anodized Pure-Aluminum Domes:**
Deep-anodized for exceptional rigidity and paired with a low-mass treated textile suspension. Highs are spacious, clear, silky smooth and exceptionally well extended.
- **Rigid High-Pressure Die-Cast Aluminum Chassis:**
Eliminate mechanical flexing and ringing and effectively dissipate heat—a tweeter's foremost adversary.
- **Critical Coupling of Phase-Alignment Bridge and Elevated Dome:**
Extremely flat frequency response with optimal off-axis dispersion.
- **Dual Magnets and Advanced Motor Structures:**
Computer-optimized using Finite Element Analysis (FEA), a highly advanced tool for component design that helps us model a structure with an intense magnetic field force in the gap. Power handling and output linearity are superb under all conditions.
- **High-Power Apical™ Formers:**
High-power, high-temperature voice coils and ventilated Apical™ formers ensure high-power handling, low distortion and long-term reliability.



Millenia™ high-frequency driver



Millenia™ midrange driver



Millenia™ bass driver





Shown in Black Chrome: Millenia™ 30

Midrange and Bass Drive Units

Our ears are particularly attuned to lower treble and midrange frequencies—we instinctively recognize sound anomalies, deviations from what is 'natural.' Paradigm engineers know this and in their exhaustive testing, re-testing, listening and learning they have developed drivers that have no equal in the high-end lifestyle speaker category ...

- **MLP™ Mica-Loaded-Polymer Midrange and Bass/Midrange Cones:**
High stiffness-to-mass ratio of polypropylene and the exceptional damping properties of the injected mica ensure performance that is accurate, lifelike, wonderfully detailed and critically revealing.
- **HTD™ Heat Transfer and Dissipation System—Our Proprietary Design:**
High-pressure die-cast aluminum chassis cradles the entire neodymium magnet structure. The resulting increase in surface area provides for exceptional heat transfer and dissipation. Exterior heatsink fins reinforce the cooling and dissipation process.
- **Solid-Aluminum Phase Plugs:**
Not only do they look good, they maintain linear response and play an important role in improving airflow for significant gains in heat dissipation.
- **Overdesigned Nitrile-Butadiene Rubber (NBR) Surrounds and Nomex™ Spiders:**
NBR is known for its excellent damping properties and reliability (particularly under extreme conditions). The Nomex™ polyamide spider helps promote extended, very linear excursion and ultra-low distortion.
- **Precision-Engineered Mineral-Filled Polypropylene Bass Cones:**
The injection of mineral into the polypropylene ensures a high stiffness-to-mass ratio and excellent internal damping. The result is high output with minimal distortion and excellent extension—free of cone standing waves and micro distortions.
- **Oversize Magnet Assemblies with Symmetrical Focused Field Geometry:**
Low distortion and unparalleled linearity even under extreme conditions.
- **Advanced Motor Structures:**
Lightweight high-temperature copper-clad aluminum-wire voice coils. A rigid, low-mass design wound on vented Kapton® polyamide formers. Excellent linear response regardless of cone excursion.

High-End Touches

- **Ultra-Slim Extruded-Aluminum Enclosures:**
At a fraction of the thickness of typical wood enclosures, the extruded design affords all the benefits of a larger speaker in a significantly slimmer package, with no noticeable internal resonances. The dramatic side curvature not only adds a touch of class, it also provides additional structural integrity.
- **Premium Finish:**
Millenia™ speakers come in a highly polished Black Chrome finish.
- **High-Velocity Low-Noise Aluminum Ports:**
Bass efficiency and minimal turbulence distortion for cleaner and more articulate bass response.
- **Magnetically Attached Speaker Grilles**
- **Tempered Glass Base on Floorstanding Models**

Millenia™ speakers are designed to be used with a subwoofer. For unforgettable music and home theater performance add a Paradigm® Reference SUB 12 to complete your Millenia™ system.



Shown in Black/Dark Gray: Millenia™ ADP

SPECIFICATIONS



www.paradigm.com



Millenia™ 20



Millenia™ 30



Millenia™ 20 Trio

Design

5-driver, 2-way acoustic suspension, LCR,
on-wall / stand / shelf-mounted

Crossover(s)

2nd-order electro-acoustic at 2.0 kHz

High-Frequency Driver(s)

25-mm (1 in) S-PAL™ dome, ferro-fluid damped / cooled,
die-cast heatsink chassis

Bass / Midrange Driver(s) (Midrange for ADP)

Two 115-mm (4-1/2 in) MLP™ cones, 25-mm (1 in) dual-layer
voice coils, HTD™ system die-cast heatsink chassis

Bass Driver(s)

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

Low-Frequency Extension*

77 Hz (DIN)*

Frequency Response: *On-Axis* *30° Off-Axis*

±2 dB from 110 Hz – 20 kHz
±2 dB from 110 Hz – 18 kHz

Sensitivity – Room / Anechoic

92 dB / 89 dB

Suitable Amplifier Power Range

15 – 150 watts

Maximum Input Power†

110 watts

Impedance

Compatible with 8 ohms

Dimensions:

Enclosure (h x w x d)

(Height for 200/300 includes base/spikes/cones)

Glass Base (w x d)

65.8 cm x 13.0 cm x 11.7 cm
25-7/8 in x 5-1/8 in x 4-5/8 in
n/a

Weight (Unpacked)

5.7 kg / 12.6 lb each

Finish(es)

Black Chrome

Speaker Stand

LS-18

5-driver, 2-way acoustic suspension, LCR,
on-wall / shelf-mounted

2nd-order electro-acoustic at 2.0 kHz

25-mm (1 in) S-PAL™ dome, ferro-fluid damped / cooled,
die-cast heatsink chassis

Two 140-mm (5-1/2 in) MLP™ 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,
38-mm (1-1/2 in) dual-layer voice coils, HTD™ system
die-cast heatsink chassis

76 Hz (DIN)*

±2 dB from 110 Hz – 20 kHz
±2 dB from 110 Hz – 18 kHz

94 dB / 91 dB

15 – 200 watts

130 watts

Compatible with 8 ohms

90.0 cm x 15.1 cm x 13.7 cm
35-3/8 in x 5-7/8 in x 5-3/8 in
n/a

8 kg / 17.6 lb each

Black Chrome

n/a

9-driver, 3-channel, 2-way acoustic suspension,
on-wall / shelf-mounted

2nd-order electro-acoustic at 2.0 kHz, 2nd-order electro-acoustic
at 800 Hz (bass drivers on Left and Right channels)

Three 25-mm (1 in) S-PAL™ domes, ferro-fluid damped / cooled,
die-cast chassis

Four 115-mm (4-1/2 in) MLP™ 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

80 Hz (DIN)*

±2 dB from 120 Hz – 20 kHz
±2 dB from 120 Hz – 18 kHz

90 dB / 87 dB

15 – 150 watts

90 watts / channel

Compatible with 8 ohms

13.0 cm x 105.0 cm x 12.0 cm
5-1/8 in x 41-1/8 in x 4-5/8 in
n/a

8.2 kg / 18 lb each

Black Chrome

n/a



Millenia™ 200

6-driver, 2-1/2-way bass reflex, floorstanding design

2nd-order electro-acoustic at 2.0 kHz, 2nd-order electro-acoustic at 800 Hz (bass drivers)

25-mm (1 in) S-PAL™ dome, ferro-fluid damped / cooled, die-cast chassis

Two 115-mm (4-1/2 in) MLP™ 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

55 Hz (DIN)*

±2 dB from 87 Hz – 20 kHz
±2 dB from 87 Hz – 18 kHz

92 dB / 89 dB

15 – 150 watts

130 watts

Compatible with 8 ohms

120.0 cm x 13.0 cm x 15.0 cm
47-1/4 in x 5-1/8 in x 5-7/8 in
23.8 cm x 22.8 cm / 9 in x 9-3/8 in

11.6 kg / 25.6 lb each

Black Chrome

n/a



Millenia™ 300

6-driver, 2-1/2-way bass reflex, floorstanding design

2nd-order electro-acoustic at 2.0 kHz, 2nd-order electro-acoustic at 200 Hz (bass drivers)

25-mm (1 in) S-PAL™ dome, ferro-fluid damped / cooled, die-cast chassis

Two 140-mm (5-1/2 in) MLP™ cones, 38-mm (1-1/2 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

54 Hz (DIN)*

±2 dB from 87 Hz – 20 kHz
±2 dB from 87 Hz – 18 kHz

94 dB / 91 dB

15 – 200 watts

150 watts

Compatible with 8 ohms

133.3 cm x 15.1 cm x 17.5 cm
52-1/2 in x 5-7/8 in x 6-7/8 in
25.4 cm x 24.1 cm / 10 in x 9-1/2 in

13 kg / 28.5 lb each

Black Chrome

n/a



Millenia™ ADP

5-driver, 3-way acoustic suspension, cast-aluminum / ABS enclosure, surround / rear, on-wall / bookshelf / stand-mounted

1st-order electro-acoustic at 2.0 kHz, 2nd-order electro-acoustic at 300 Hz (bass driver)

Two 25-mm (1 in) S-PAL™ domes, ferro-fluid damped / cooled, die-cast chassis

Two 102-mm (4 in) MLP™ cones, 25-mm (1 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 coil, HTD™ system die-cast heatsink chassis

62 Hz (DIN)*

±2 dB from 95 Hz – 20 kHz
(Reverberant Soundfield)

88 dB / 85 dB

15 – 200 watts

100 watts

Compatible with 8 ohms

20.9 cm x 30.4 cm x 17.6 cm
8-1/4 in x 12 in x 7 in
n/a

6.0 kg / 13 lb each

Black / Dark Gray, White / Light Silver

GS-30