

Introducing AMS Series v.3 ... the true high-performance alternative



AMS Series v.3 speakers can be painted to match any décor

Don't let your home builder make an 'unsound' decision when choosing in-wall/in-ceiling speakers for your home.

65% of all new homes built last year had distributed audio as a standard or optional feature; 58% included a home theater upgrade package.* Unfortunately, many of these installations used speakers with inexpensive low-performance drivers; or worse, gimmicks such as pivoting tweeters, or pivoting tweeters and woofers. The result? Homeowners are stuck with bad sound! But Paradigm has the solution: Paradigm's AMS Series v.3 – a true, and still very affordable, high-performance alternative ...

4 NEW MODELS = 4 NEW PARADIGM® QUALITY SOLUTIONS!

AMS-150R-SM. Stereo/Mono model with Paradigm's proprietary Dual-Directional Soundfield™. Provides rich pure-fidelity 2-channel sound from a single Paradigm® AMS high-performance speaker.

AMS-150SQ-SM. Square version of the above in Stereo/Mono.

AMS-150R-30. Features Paradigm's spectacular proprietary Guided Soundfield™ system, the high-performance sound solution for those guided sound in-ceiling applications.

AMS-LCR. A superb 5-driver 2-1/2-way left/center/right solution for an exceptional high-performance in-wall home theater.

NEW! Superior High-Power S-PAL™ Satin-Anodized Pure-Aluminum Domes, trickle-down technology from the high-end Paradigm® Reference collection. These exceptionally rigid low-mass domes with treated textile suspensions ensure extremely uniform and instantaneous power response. The reduced radius of curvature on the tweeter diaphragm has brought about significant improvements in sound dispersion. These new AMS drivers exhibit breathtaking timbral clarity and transparency usually only associated with the best freestanding designs.

Superior High-Power Mineral-Filled Polypropylene Cones, highly damped and extremely rigid, continue to ensure tight, well-defined deep bass response in v.3.

NEW! High-Power Ferrite/Neodymium Magnets and Advanced Motor Structures. Not only is thermal mass increased due to the higher energy created in the gap, but the resulting intense magnetic field allows for over-filling of ferro-fluid, encouraging even higher power handling.

NEW! Upgraded Precision Crossover Networks have been carefully "tweaked" for improved frequency and phase response in this new series. Not your typical in-wall/in-ceiling application, AMS v.3 circuit boards meet stringent FR-4 military specifications. They also boast the highest-quality component parts, hand-selected for close tolerance: film capacitors, ceramic resistors, steel/air-core inductors. 16-gauge wire or better, and new proprietary Posi-Grip™ binding posts.

NEW! Die-Cast Aluminum or High-Strength GRIP™ Glass-Reinforced Injection-Molded Polymer Chassis/Mounting Brackets (varies by model). Since the area behind the wall is essentially an infinite baffle, it can leave a speaker prone to uncontrolled resonances and standing waves. Bass can become bloated with poor definition, and midrange neutrality, clarity and imaging all suffer. The redesigned chassis on AMS v.3 speakers increases wall rigidity by further sandwiching and strengthening the area around the mounting hole.

For more information on Paradigm's Dual-Directional Soundfield™ and Guided Soundfield™ technology, visit our website at www.paradigm.com

*U.S. National Association of Home Builders (NAHB)
2005 State-of-the-Home-Builder Survey.

Paradigm®



AMS-100R



AMS-150R



AMS-150R-SM



AMS-150SQ-SM



AMS-150R-30



AMS-250



AMS-300



AMS-350



AMS-LCR

Specifications:

Design
Crossover
High-Frequency Driver(s)
Bass / Midrange Driver
Low-Frequency Extension*
Frequency Response: <i>On-Axis</i> <i>30° Off-Axis</i>
Sensitivity – Room / Anechoic
Suitable Amplifier Power Range
Maximum Input Power†
Impedance
Diameter or Height x Width
Minimum Mounting Depth**
Cutout Dimensions: D or H x W
Preconstruction Bracket
Minimum Internal Volume
Weight (unpacked)

AMS-100R

2-driver, 2-way in-ceiling / in-wall, GRIP™ chassis / mounting bracket
2nd-order electro-acoustic at 2.5 kHz
25-mm (1 in) S-PAL™ dome, die-cast heatsink, ferro-fluid cooled
165-mm (6-1/2 in) mineral-filled polypropylene cone, GRIP™ chassis
55 Hz (DIN)
±2 dB from 75 Hz – 22 kHz ±2 dB from 75 Hz – 18 kHz
89 / 85 dB
15 – 100 watts
80 watts
Compatible with 8 ohms
19.6 cm / 7-3/4 in
7.6 cm / 3 in
17.2 cm / 6-3/4 in
PB-7R (sold separately)
12 L / 0.42 cu ft
3 kg / 6.6 lb per pair

AMS-150R

2-driver, 2-way in-ceiling / in-wall, GRIP™ chassis / mounting bracket
2nd-order electro-acoustic at 2.5 kHz
25-mm (1 in) S-PAL™ dome, die-cast heatsink, ferro-fluid cooled
210-mm (8 in) mineral-filled polypropylene cone, GRIP™ chassis
45 Hz (DIN)
±2 dB from 60 Hz – 22 kHz ±2 dB from 60 Hz – 20 kHz
91 / 87 dB
15 – 110 watts
80 watts
Compatible with 8 ohms
22.6 cm / 8-15/16 in
8.3 cm / 3-1/4 in
20.0 cm / 7-7/8 in
PB-8R (sold separately)
20 L / 0.70 cu ft
3.5 kg / 7.7 lb per pair

AMS-150R-SM New Model!

Single speaker system with stereo L/R inputs, 3-driver 2 x 2-way in-ceiling / in-wall, GRIP™ chassis / mounting bracket
2nd-order electro-acoustic at 2.5 kHz
Two 25-mm (1 in) S-PAL™ domes, die-cast heatsink, ferro-fluid cooled
Dual voice-coil, 210-mm (8 in) mineral-filled polypropylene cone, GRIP™ chassis
45 Hz (DIN)
±2 dB from 60 Hz – 22 kHz ±2 dB from 60 Hz – 16 kHz
91 / 87 dB
15 – 110 watts Mono; 15 – 55 watts / channel Stereo Input
80 watts Mono; 40 watts / channel Stereo Input
Compatible with 8 ohms Mono; Compatible with 4 ohms / channel Stereo Input
22.6 cm / 8-15/16 in
8.3 cm / 3-1/4 in
20.0 cm / 7-7/8 in
PB-8R (sold separately)
20 L / 0.70 cu ft
2.1 kg / 4.6 lb each

AMS-150SQ-SM New Model!

Single speaker system with stereo L/R inputs, 3-driver 2 x 2-way in-wall / in-ceiling, GRIP™ chassis / mounting bracket
2nd-order electro-acoustic at 2.5 kHz
Two 25-mm (1 in) S-PAL™ domes, die-cast heatsink faceplate, ferro-fluid cooled
Dual voice-coil, 210-mm (8 in) mineral-filled polypropylene cone, GRIP™ chassis
45 Hz (DIN)
±2 dB from 60 Hz – 22 kHz ±2 dB from 60 Hz – 16 kHz
91 / 87 dB
15 – 110 watts Mono; 15 – 55 watts / channel Stereo Input
80 watts Mono; 40 watts / channel Stereo Input
Compatible with 8 ohms Mono; Compatible with 4 ohms / channel Stereo Input
21.4 cm x 21.4 cm / 8-1/2 in x 8-1/2 in
8.3 cm / 3-1/4 in
19.1 cm x 19.1 cm / 7-1/2 in x 7-1/2 in
PB-7x7 (sold separately)
20 L / 0.70 cu ft
2.1 kg / 4.6 lb each

AMS-150R-30 New Model!

2-driver, 2-way in-ceiling, drivers mounted at 30° relative to mounting surface, GRIP™ chassis / mounting bracket
2nd-order electro-acoustic at 2.5 kHz
25-mm (1 in) S-PAL™ dome, die-cast heatsink, ferro-fluid cooled
210-mm (8 in) mineral-filled polypropylene cone, GRIP™ chassis
45 Hz (DIN)
±2 dB from 60 Hz – 22 kHz ±2 dB from 60 Hz – 16 kHz
91 / 87 dB
15 – 110 watts
80 watts
Compatible with 8 ohms
29.6 cm / 11-5/8 in
14.3 cm / 5-5/8 in
27.0 cm / 10-5/8 in
PB-10R (sold separately)
20 L / 0.70 cu ft
2.3 kg / 5 lb each

AMS-250

2-driver, 2-way in-wall / in-ceiling, die-cast chassis / mounting bracket
2nd-order electro-acoustic at 2.0 kHz
25-mm (1 in) S-PAL™ dome, die-cast heatsink faceplate, ferro-fluid cooled
165-mm (6-1/2 in) mineral-filled polypropylene cone, die-cast chassis
50 Hz (DIN)
±2 dB from 60 Hz – 22 kHz ±2 dB from 60 Hz – 20 kHz
91 / 87 dB
15 – 120 watts
90 watts
Compatible with 8 ohms
34.3 cm x 25.4 cm / 13-1/2 in x 10 in
6.7 cm / 2-5/8 in
26.0 cm x 17.2 cm / 10-1/4 in x 6-3/4 in
PB-7x10 (sold separately)
12 L / 0.42 cu ft
6.3 kg / 13.9 lb pair

AMS-300

2-driver, 2-way in-wall / in-ceiling, die-cast chassis / mounting bracket
2nd-order electro-acoustic at 2.0 kHz
25-mm (1 in) S-PAL™ dome, die-cast heatsink faceplate, ferro-fluid cooled
210-mm (8 in) mineral-filled polypropylene cone, die-cast chassis
40 Hz (DIN)
±2 dB from 60 Hz – 22 kHz ±2 dB from 60 Hz – 20 kHz
91 / 87 dB
15 – 150 watts
100 watts
Compatible with 8 ohms
31.4 cm x 22.7 cm / 12-3/8 in x 8-15/16 in
6.7 cm / 2-5/8 in
27.3 cm x 18.4 cm / 10-3/4 in x 7-1/4 in
PB-8x12 (sold separately)
20 L / 0.70 cu ft
6.8 kg / 15 lb pair

AMS-350

3-driver, 2-way in-wall / in-ceiling, die-cast chassis / mounting bracket
2nd-order electro-acoustic at 2.0 kHz
25-mm (1 in) S-PAL™ dome, die-cast heatsink faceplate, ferro-fluid cooled
Two 210-mm (8 in) mineral-filled polypropylene cones, die-cast chassis
35 Hz (DIN)
±2 dB from 55 Hz – 22 kHz ±2 dB from 55 Hz – 20 kHz
94 / 90 dB
15 – 200 watts
150 watts
Compatible with 8 ohms
51.0 cm x 23.1 cm / 20-1/16 in x 9-1/16 in
7.6 cm / 3 in
48.6 cm x 20.7 cm / 19-1/8 in x 8-1/8 in
PB-8x19 (sold separately)
40 L / 1.40 cu ft
11.6 kg / 25.6 lb pair

AMS-LCR New Model!

5-driver, 2-1/2-way in-wall Left / Center / Right, die-cast chassis / mounting bracket
2nd-order electro-acoustic at 2.0 kHz; 2nd-order electro-acoustic at 700 Hz (outside bass drivers)
25-mm (1 in) S-PAL™ dome, die-cast heatsink faceplate, ferro-fluid cooled
Two 115-mm (4-1/2 in) mineral-filled polypropylene cones, die-cast chassis
Two 115-mm (4-1/2 in) mineral-filled polypropylene cones, die-cast chassis
75 Hz (DIN)
±2 dB from 105 Hz – 22 kHz ±2 dB from 105 Hz – 20 kHz
91 / 87 dB
15 – 150 watts
100 watts
Compatible with 8 ohms
61.3 cm x 15.4 cm / 24-1/8 in x 6-1/16 in
6.7 cm / 2-5/8 in
58.7 cm x 13.0 cm / 23-1/8 in x 5-1/8 in
PB-5x23 (sold separately)
16 L / 0.56 cu ft
4.5 kg / 9.9 lb each

AMS-LCR

*DIN 45 500. Indicates -3 dB in a typical listening room.

**Depth required is the distance behind 1/2" drywall or similar material

†With typical program source, provided the amplifier clips no more than 10% of the time.

