

JM Series In-wall speakers

Product Description

JM Series In-wall speakers are the finest theater and distributed audio systems for your home.

Distributed Audio Systems

JM Series In-wall speakers reproduce all the subtle details in music, and disperse the sound evenly throughout the listening environment.

Theater Systems

Vocal Integrity® system design allows use of these speakers as front LCR's in theater systems. Smooth octave-to-octave transition means vocals are clear and distinct, on-screen effects are easy to pin-point. High power handling allows JM speakers to run full-range in theaters up to 4,500 ft³.

Product Features

- Compact designs pack the performance of larger speakers into the smallest, most elegant frames possible
- Exclusive RockDust® baffle is cast with shaved granite, alpha aluminum and resin for unparalleled rigidity
- Anodized aluminum bass units for increased impact and transient response
- Starburst® tweeter faceplate reduces standing waves
- 28mm pure silk tweeter dome for increased power handling, smoother off-axis dispersion
- TransientEdge® crossover topology
- Pi Space Tuning allows placement near walls
- All metal Slot/Lock® clamping system forms a tight leak-free seal with the ceiling
- Weather-resistant design can be used in environmental extremes
- Super-flat frame and white micro-perf grilles appear flush to the ceiling



BAYAUDIO

Product Construction

Compact Design

We put our engineering efforts towards reducing the visual footprint of the JM In-wall Speakers while improving bass performance, power handling, and off-axis dispersion. The results are two speakers that fit unobtrusively into your living area, and fill your space with clean, full-range sound.

RockDust® Frame

We combine an aluminum frame, 1/2" sheet of our proprietary RockDust substrate, and 1" sheet of MDF (medium density fiberboard) for a sturdy, rigid platform. This high-mass sandwich virtually eliminates excess vibrations, reducing energy transfer from the speaker to the wall, reducing distortion, and improving impact and transient response. RockDust is a cast substrate combining shaved granite, alpha aluminum, and resin, and is twice as dense as MDF.

Drive Units

Our 28mm Heavy Silk tweeter is the key to our system's performance. This high power handling, broad dispersion drive unit spreads sound evenly throughout the room. The Starburst® tweeter faceplate reduces standing waves, enhancing off-axis dispersion.

Our anodized aluminum bass units stay pistonic throughout its operating range — for reduced distortion and truer reproduction.

TransientEdge® Crossover Topology

We've developed our own high power handling capacitors for improved speed and attack. Uniquely integrated into JM Series networks, you'll hear greater resolution in the mid-bass, and more atmosphere in the high end.

Pi Space Tuning

Our exclusive Pi Space Tuning overcomes "bloated" midbass gain when the speaker is placed near side walls or ceilings.

Vocal Integrity® System Design

We've designed and tested our systems to exhibit the lowest level of distortion in the critical midrange — especially off axis. This requires attention to all elements of the design, from driver parameters to crossover tolerances. The end result is a series of speakers that outperform the field when used in theater applications.

Flush To The Wall

Our injection-molded aluminum frame sits just a few millimeters off the wall. And with our floating grilles held in place with concealed magnets, the JM Series speakers have an elegant, unobtrusive look.

Weather Resistant Construction

You can place JM Series speakers in high-humidity areas, like kitchens, bath, and protected outdoor settings. All exposed components are weather resistant.



JM40



JM60

Specifications

Model	JM40	JM60
Maximum Output	102dB (with 100w)	106dB (with 100w)
Room Size	Up to 1,500 ft ³	Up to 3,000 ft ³
Near-Field Response	58-20,000 Hz	41-20,000 Hz
6dB Downpoint	46 Hz	36 Hz
Coverage Angle (-6dB)	65° H, 60° V	65° H, 60° V
Sensitivity (1w, 1m)	82dB	84dB
Impedance	8 ohms	8 ohms
Tweeter	1" Starburst silk dome	1" Starburst silk dome
Bass Unit	4" aluminum cone	6½" aluminum cone
Weight	5 lbs. each	8 lbs. each
Depth In Wall	2¼"	3½"
Cutout Dimension	8½" x 4⅞"	11¼" x 7¾"
Outer Dimension	9⅞" x 5⅞"	13½" x 9¼"

BAYAUDIO

©2007 Bay Audio. Specifications are subject to change.

14290 Danielson Street, Poway, CA 92064 ph 858.486.5040 fx 858.486.5041 www.BayAudio.com