



All-in-one 2-channel in-ceiling delivers the dramatically superior sound for which Paradigm® is world renowned!

SM-60R

The SM-60R provides two channels of sound from a single speaker for use in a variety of applications (see below). Dual tweeters—two PTD™ pure-titanium domes offset at 60° angles—and a twin voice coil bass/midrange driver provide an accurate and spacious sonic presentation.

Rich pure-fidelity dual-channel sound from a *single* Paradigm® high-performance in-ceiling speaker—the choice of audiophiles, and as always, delivering unparalleled value!

Fast Facts ...

- **Two 3/4" PTD™ Pure-Titanium Domes** with ferro-fluid damping and cooling.
- **Dual Voice Coil 6-1/2"** mineral-filled polypropylene mid/bass driver.
- **High-Strength** injection-molded polymer chassis and mounting bracket.
- **Available in White.** Paintable.

Specifications

Design	Single speaker system with stereo L/R inputs, 3-driver, 2 x 2-way in-ceiling / in-wall. Coaxially mounted high-frequency drivers.
Crossover	Two 2nd-order electro-acoustic at 3.0 kHz
High-Frequency Drivers	Two 3/4" (19 mm) PTD™ domes
Bass/Midrange Driver	Dual voice-coil 6-1/2" (165 mm) mineral-filled polypropylene cone
Low-Frequency Extension*	52 Hz (DIN)*
Frequency Response:	
On-Axis	±2 dB from 70 Hz – 20 kHz
30° Off-Axis	±2 dB from 70 Hz – 15 kHz
Sensitivity – Room/Anechoic	89 dB / 85 dB
Suitable Amplifier Power Range	15 – 80 watts
Maximum Input Power†	50 watts†
Impedance	Compatible with 4-8 ohms
External Dimensions	8-3/4 in / 22 cm diameter
Ceiling / Wall Cutout Dimensions	7-3/4 in / 19.6 cm diameter
Minimum Mounting Depth**	2-3/8 in / 6 cm
Minimum Internal Volume Required	12 L / 0.42 cuf
Weight	3.5 lb / 1.6 kg each



SM-60R without and with grille

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

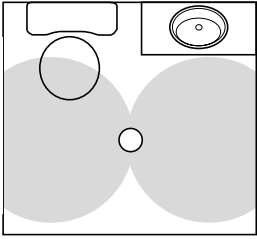
† With typical program source, provided the amplifier clips no more than 10% of the time.

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

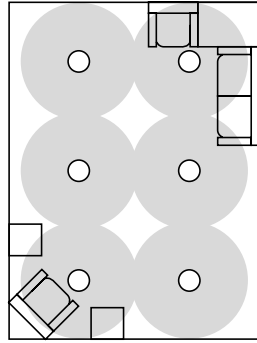
Paradigm®

THE ULTIMATE IN SOUND FOR MUSIC AND HOME THEATER™

The SM-60R can be used in a variety of applications:

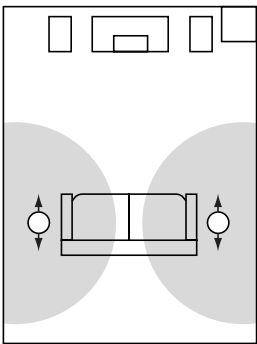


- Single-Speaker Left/Right Sound**
 For smaller rooms that may be less suited to a pair of stereo speakers.

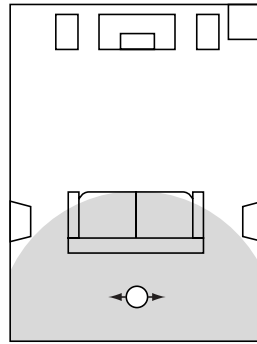


- Distributed Left/Right Sound**
 In larger spaces (offices, etc.) using multiple SM-60R's. Each SM-60R provides L/R sound thereby eliminating L/R imbalances that occur with separate stereo speakers as people move around, or are seated closer to one speaker than the other.

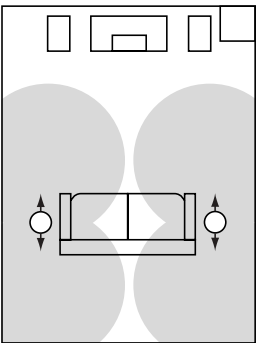
In situations where Paradigm® ADP™ Surrounds/Rears cannot be used, the SM-60R's Dual-Directional™ sound pattern allows it to be used for in-ceiling Surround/Rear applications as follows:



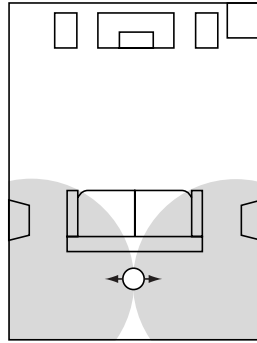
- 5.1 Surround Using Two SM-60R's**
 One placed either side of the listening area. Position so one dome of each speaker points toward the front and the other toward the back. Connect each SM-60R input in parallel then use for L/R Surrounds to produce spacious 5.1 surround sound.



- 6.1 Rear Using One SM-60R**
 Centered behind the listening area with the domes positioned toward the left and right sides of the room. Connect the SM-60R inputs in parallel and use as 6.1 Rear for wide dispersion rear channel sound.



- 7.1 Surround+Rear Using Two SM-60R's**
 One placed on either side of the listening area. Position so one dome of each speaker points toward the front of the room and use those channels for L/R Surround. The other domes will be pointed toward the back of the room which can then be used for L/R Rear.



- 7.1 Rear Using One SM-60R**
 Centered behind the listening area with domes positioned toward the left and right sides of the room. Connect to L/R Rears for spacious 7.1 rear channel sound.

