



# Introducing our new **CS-60SQ-SM**

When Paradigm's Dual-Directional™ Sound Pattern is a must, and a round speaker just won't do

The **CS-60SQ-SM** is a sensational square version of our popular CS-60R-SM<sup>††</sup> stereo/mono in-ceiling speaker. Dual tweeters—two PTD™ pure-titanium domes offset at 60° angles—and a bass/midrange driver with dual voice coil, provide rich pure-fidelity two-channel sound from a single Paradigm® high-performance speaker. The new CS-60SQ-SM offers extreme placement flexibility to meet a wide variety of in-ceiling (or in wall!) applications (see illustrations).

### Fast Facts ...

- **Two 3/4" PTD™ Pure-Titanium Domes** with ferro-fluid cooling.
- **Dual 1" Copper Voice Coils; 6-1/2" Mineral-Filled Polypropylene Mid/Bass Cone.**
- **High-Strength Injection-Molded Polymer Chassis** and mounting bracket.

<sup>††</sup> Formerly called the SM-60R

## Specifications

<b>Design:</b>	Single speaker system with stereo L/R inputs; 3-driver, 2 x 2-way in-ceiling/in-wall; coaxially mounted high-frequency drivers
<b>Crossover:</b>	Two 2nd-order electro-acoustic at 3.0 kHz
<b>High-Frequency Drivers:</b>	Two 3/4" (19 mm) PTD™ domes
<b>Bass/Midrange Driver:</b>	Dual 1" (25 mm) copper voice coils; 6-1/2" (165 mm) mineral-filled polypropylene cone
<b>Low-Frequency Extension:</b>	52 Hz (DIN)*
<b>Frequency Response</b>	
<i>On-Axis:</i>	±2 dB from 70 Hz – 20 kHz
<i>30° Off-Axis:</i>	±2 dB from 70 Hz – 15 kHz
<b>Sensitivity – Room/Anechoic:</b>	89 dB / 85 dB
<b>Suitable Amplifier Power Range:</b>	15 – 80 watts Mono 15 – 40 watts/channel Stereo
<b>Maximum Input Power:</b>	50 watts Mono <sup>†</sup> 25 watts/channel Stereo <sup>†</sup>
<b>Impedance:</b>	Compatible with 4 ohms (Mono) Compatible with 8 ohms/channel (Stereo)
<b>External Dimensions:</b>	7-7/8 in x 7-7/8 in / 20 cm x 20 cm (square)
<b>Cut-Out Dimensions:</b>	7 in x 7 in / 17.9 x 17.9 cm (square)
<b>Minimum Mounting Depth:</b>	2-3/4 in / 7.1 cm**
<b>Minimum Internal Volume Required:</b>	0.42 cu ft / 12 L
<b>Weight:</b>	3.5 lb / 1.6 kg each
<b>Color:</b>	White, Paintable
<b>Pre-Installation Bracket:</b>	PB-7x7; retrofit included

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

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

\*\* Depth required is the distance behind 1/2" (12.7 mm) drywall or similar material.

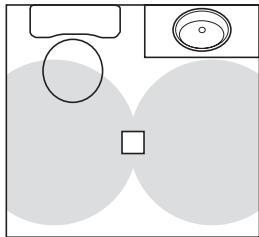


# Paradigm®

THE ULTIMATE IN SOUND FOR MUSIC AND HOME THEATER™

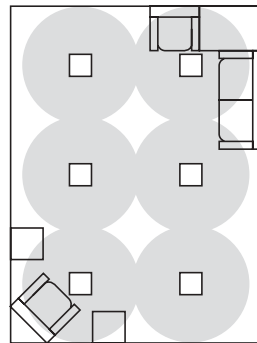
# Our Dual-Directional Soundfield™ Offers Extreme Flexibility...

The CS-60SQ-SM is designed to be used in a wide variety of in-ceiling applications:



## Single-Speaker Left/Right Sound

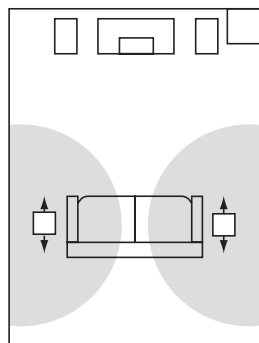
For smaller rooms that may be less suited to a pair of stereo speakers.



## Multiple CS-60SQ-SM Speakers for Distributed Left/Right Sound

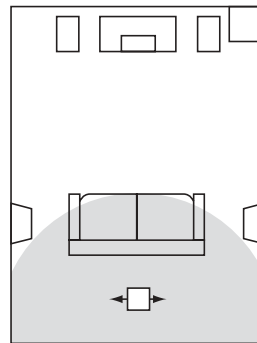
In larger spaces (offices, etc.) each speaker provides L/R sound, eliminating L/R imbalances that occur with separate stereo speakers, as people move around, or are seated closer to one speaker than the other.

In situations where Paradigm® ADP™ surround/rear speakers cannot be used, the CS-60SQ-SM's proprietary Dual-Directional™ sound pattern makes it ideal for in-ceiling surround/rear applications:



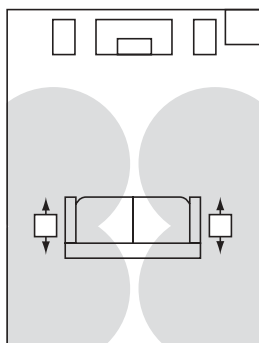
## 5.1 Surround Sound Using Two CS-60SQ-SM's

Place one speaker on either side of the listening area. Position so that one dome of each speaker points toward the front, and the other dome points toward the back of the room. Connect each speaker input in parallel to produce spacious 5.1 surround sound.



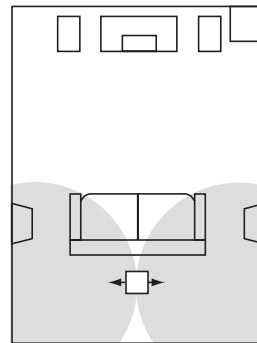
## 6.1 Surround Sound Using One CS-60SQ-SM

Center the speaker behind the listening area with the domes pointed toward the left and right sides of the room. Connect the inputs in parallel, and use as the center rear speaker to produce wide dispersion 6.1 surround sound.



## 7.1 Surround Sound Using Two CS-60SQ-SM's

Place one speaker on either side of the listening area. Position so that one dome of each speaker points toward the front of the room and use those channels for L/R surround sound. The other domes will be pointed toward the back of the room for L/R rear sound. The result is spacious 7.1 surround sound.



## 7.1 Surround Sound Using One CS-60SQ-SM

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 sound.