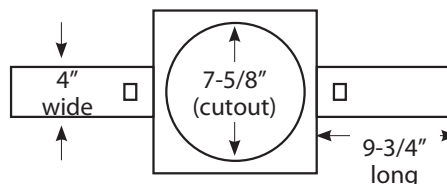
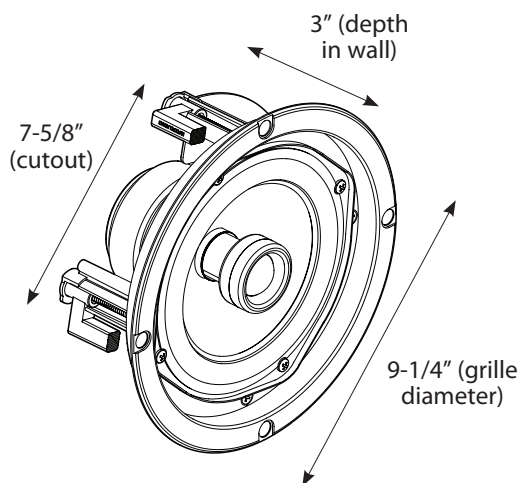


Dimensions and Bracket Information



SPK-BR68 Rough-in Bracket
Metal rough-in brackets are designed to "claim the space" during drywalling.

Performance

Placement

Walls and ceilings. Model SPK-72IC is weather-resistant, and can be placed in humid environments.

Maximum Output

104dB each, with 100 watts of amplification.

Room Size

Up to 3,000 ft³

Close-Miked Near-Field Response (-3dB)

51-20,000 Hz

6dB Downpoint

45 Hz

Nominal Coverage Angle (-6dB from Reference Axis)

70° Radial

Sensitivity [1 watt (2.83v) at 1m]

87dB

Nominal Impedance

8 ohms

Tweeter

Single stereo 1" pure silk

Bass Unit

Dual voice coil 170mm long-throw bass unit with polymer cone, 32mm voice coil, butyl surround.

Connections

Gold-plated push terminals accept pins, spades, or bare wire to 12 gauge.

Construction

Bonded aluminum frame, Slot/Lock' clamping system

Grilles

Magnetized thin bezel microperf grille

Weight

3.5 lbs each

Predictive Placement

SPL

How loud will one speaker play, in dB, with given amplifier power.

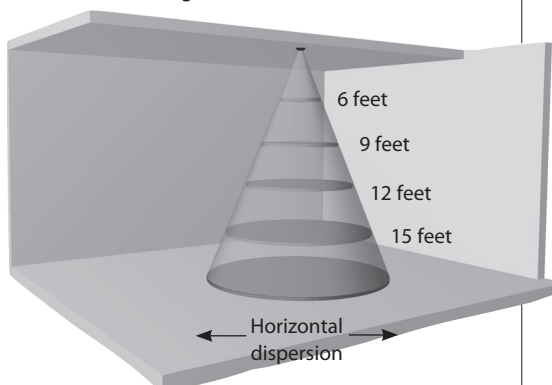
Amp Power	Distance from ceiling to ear level				
	3'	6'	9'	12'	15'
25 watts	99dB	94dB	92dB	92dB	89dB
50 watts	102dB	97dB	95dB	94dB	92dB
100 watts	104dB	100dB	98dB	97dB	95dB

Coverage

How wide is the diameter of the coverage pattern, assuming -3dB from reference, as distance increases.

Horiz. Measurement	Distance from ceiling to ear level				
	3'	6'	9'	12'	15'
Coverage (70°) 4'	8'	12'	16'	20'	

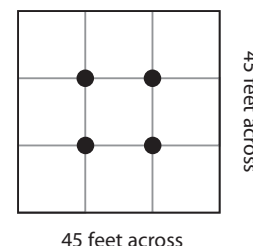
Distance from ceiling



Planning Distributed Music Systems

For full coverage in a typical room with 9' ceilings, place one speaker every 15' apart. Keep the speaker away from side walls by 8' to maximize coverage.

15' grid on ceiling



Using DVC Speakers in Large Rooms

Use dual voice coil speakers in large rooms to overcome the problems of disjointed stereo separation. The SPK-72IC fills a large area, and can be spaced 15' apart with no loss in coverage.