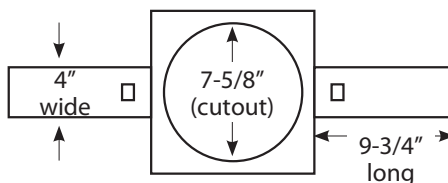
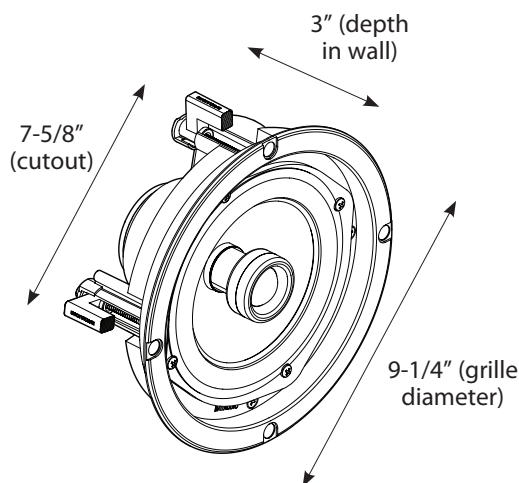


## Dimensions and Bracket Information

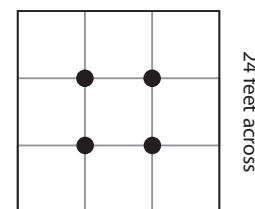


**SPK-BR68 Rough-in Bracket**  
Metal rough-in brackets are designed to "claim the space" during drywalling.

## Planning Distributed Music Systems

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

8' grid on ceiling



24 feet across

## Determining Theater L/C/R Placement

This speaker features a Vocal Integrity<sup>®</sup> system design for use as front stage L/C/R speakers. For best performance, place the speakers within 2' of the TV wall.

## Performance

### Placement

Walls and ceilings. Model SPK-75IC 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 ft<sup>3</sup>

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

50-20,000 Hz

### 6dB Downpoint

40 Hz

### Nominal Coverage Angle (-6dB from Reference Axis)

75° Radial

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

87dB

### Nominal Impedance

8 ohms. 70V with optional piggyback transformer.

### Tweeter

1" chambered pure heavy silk

### Bass Unit

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

### Connections

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

### Construction

Metalized plastic frame, neoprene damping sheet, TransientEdge<sup>®</sup> crossover topology, Slot/Lock<sup>®</sup> clamping system

### Grilles

Magnetized thin bezel microperf grille

### Weight

4 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	91dB	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 (75°) 4.5'	9'	14'	19'	22'	

### Distance from ceiling

