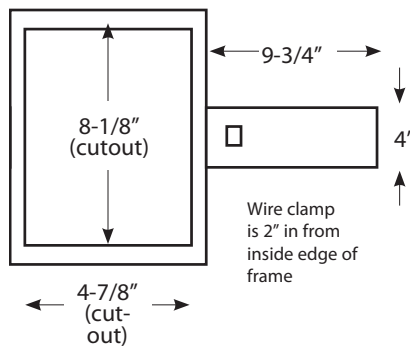
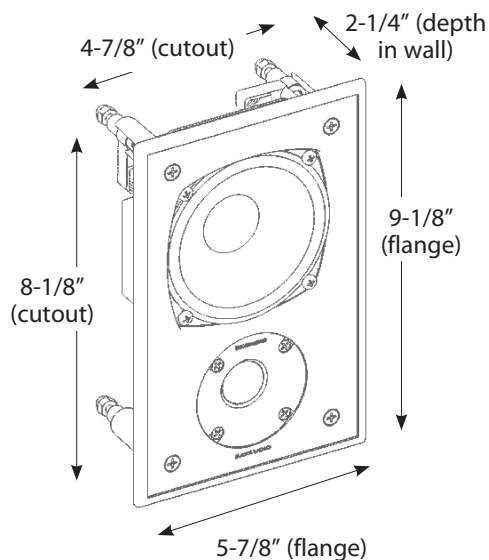


Dimensions and Bracket Information



Optional Rough-in Brackets

SPK-BR40 metal rough-in brackets are designed to "claim the space" during drywalling.

Predicting Maximum SPL

What's loud enough? We think each speaker should produce 90dB (continuous) at the listening position. In most cases, there is an additive affect of 3dB with each additional speaker placed in the room. A pair of speakers capable of producing 90dB each will combine to produce 93dB.

Performance

Maximum Output
100 dB each, with 32 watts of amplification.

Room Size
Up to 1,500 ft³

Close-Miked Near-Field Response (-3dB)
90-20,000 Hz

6dB Downpoint
73 Hz

Nominal Coverage Angle (-6dB from Reference Axis)
60° H, 50° V

Sensitivity [1 watt (2.83v) at 1m]
86dB

Nominal Impedance
8 ohms

Tweeter
1" silk dome

Bass Unit
4" long-throw bass unit with polymer cone, butyl surround.

Network
TransientEdge® crossover topology.

Connections
Compression push terminals accept bare wire to 12 gauge.

Construction
Injection-molded aluminum frame, 1-inch damping layer, Slot/Lock® mounting system.

Grille
Custom perforated steel grille powder coated white. Paintable.

Weight
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'
32 watts	100dB	98dB	96dB	95dB	94dB

Coverage

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

Horiz. Meas.	3'	6'	9'	12'
Coverage (60°) 4'	7'	11'	14'	