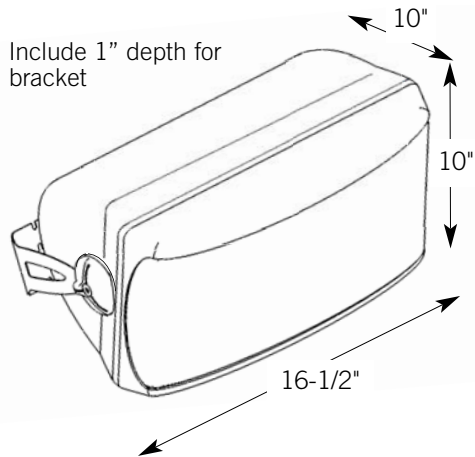


## Dimensions



## Performance

### Placement

Indoors or out, vertically or horizontally.

### Maximum Output

114dB each, with 100 watts of amplification.

### 90dB Coverage Area

Up to 40' from speaker

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

68-20,000 Hz

### 6dB Downpoint

63 Hz

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

120° H, 70° V

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

88dB

### Nominal Impedance

8 ohms stereo, 4 ohms mono

### Tweeters

Dual 1" titanium dome, horn loaded

### Bass Unit

6 1/2" long-throw bass unit with polymer cone, butyl surround. Dual voice coil.

### Connections

Gold-plated binding posts with rubber protective sleeves accept spades, banana plugs, bare wire.

### Cabinet Construction

One piece roto-molded cross linked polyester cabinet. Exposed hardware is stainless steel, brass, and aluminum. Stainless steel C-bracket.

### Grille

Powder coated perforated stainless steel grille.

### Weight

15 lbs each

## Predictive Placement

### SPL

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

Amp Power	Distance from speaker			
	9'	24'	36'	50'
25 watts	99dB	90dB	86dB	82dB
50 watts	102dB	93dB	89dB	85dB
100 watts	105dB	96dB	92dB	88dB

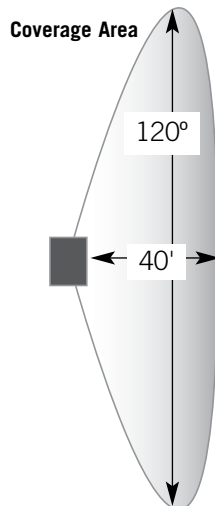
### Coverage

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

	Distance from speaker			
	3'	6'	12'	24'
<b>Vertically</b>				
Up from tweeter (35°)	2'	4'	8.5'	17'
Down from tweeter (25°)	2'	4'	8.5'	17'
<b>Horizontally</b>				
Across (70°)	9'	19'	38'	50'

## Achieving "Amphitheater" SPL

To achieve at least 90dB coverage (outdoor concert level) throughout the listening area, use one SA60 speaker for every 24 X 40' area you need to cover, supplying 100w to each speaker. NOTE: You will achieve 90dB at 40' from the speaker.

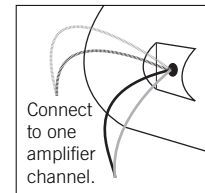


## Mono or Stereo Operation

The SA60 can be run in mono (4 ohms) or stereo (8 ohms).

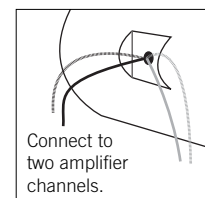
### Mono Operation

Make one set of leads by connecting the two positive wires together, and connecting the two negative wires together, as shown.



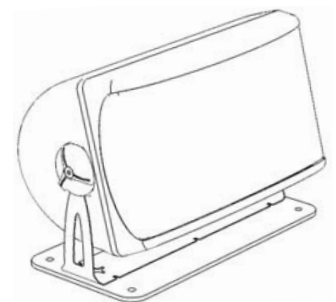
### Stereo Operation

Use two amplifier channels, and wire as shown.

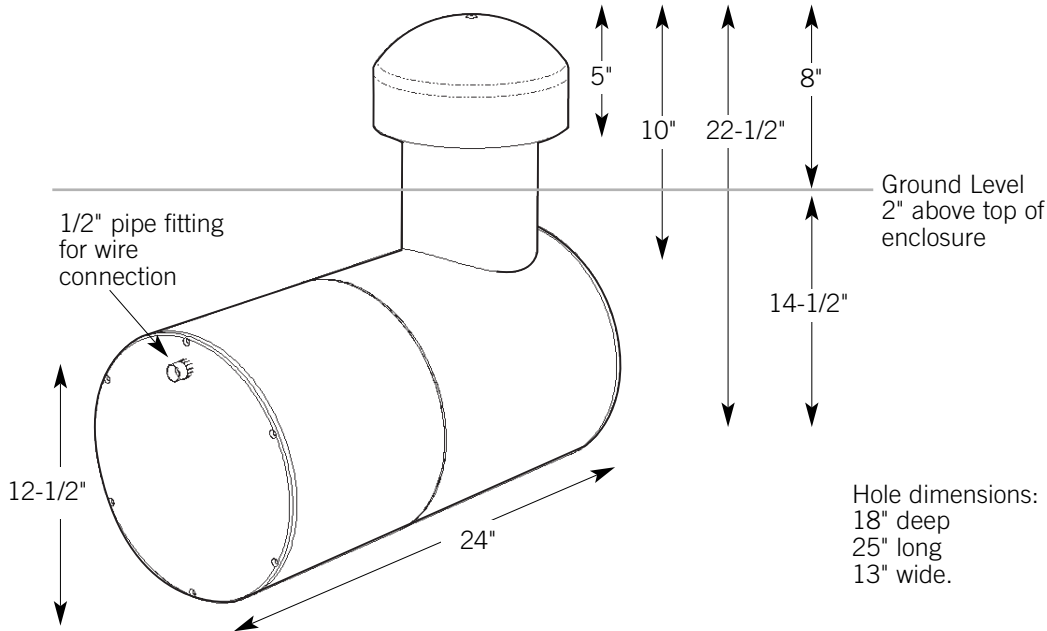


### Garden Kit

The optional garden kit includes a hard-anodized aluminum base plus ground spikes. Mount the SA60 C-Bracket to the base, and spike securely to the ground.



## Dimensions



## Placement

HomeBase subs can be buried or placed above ground.

## Performance

### Maximum Output

116dB each, with 500 watts of amplification.

### Coverage Area

Up to 10,000 ft<sup>2</sup>

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

34-200 Hz

### 6dB Downpoint

28 Hz

### Bass Units

Dual 10" long-throw bass units in an isobaric enclosure

### Connection

1/2" pipe fitting and pigtail cable

### Cabinet Construction

ABS and polypropylene enclosure. Rust-resistant hardware.

### Weight

65 pounds

## Predictive Placement

### Coverage

How loud is the subwoofer as distance increases.

