

SA60 Spread Array® outdoor speaker



Product Description

The SA60 Spread Array speaker is a weather resistant system designed to create an enveloping musical environment outdoors.

Outdoor Use

We designed the SA60 outside and tested it in a variety of outdoor configurations.

Faithfully reproducing music outdoors presents several acoustic challenges — most notably difficulty in maintaining a satisfying bass level. We engineered a high power-handling bass unit and sophisticated crossover network to provide plenty of bass, even as far away as 40' from the speaker.

SA60 Features

- Completely weather-resistant.
- Our unique Spread Array® dispersion pattern spreads sound a full 120° across the front of the speaker for excellent coverage.
- High power handling drivers play loud without strain.
- Optional Garden Kit allows placement and full tilt on the ground.
- Includes adjustable C-clamp bracket.

Product Construction

Marine-ready construction

The SA60 cabinet is rotational-molded so there are no seams (that's how truck-bed liners are built). All exposed parts are water and salt-spray resistant.

Spread Array® dispersion

The SA60 spreads sound in a 120° pattern, filling large outdoor areas. With output to 85dB at 40 feet, the SA60 plays loud without distortion.

Custom-built drivers

Our custom built dual voice coil 6½" bass unit features a molded plastic cone and butyl rubber surround. The basket is powder coated to resist rust. Stainless steel screws affix the gasketed bass unit to the cabinet.

The 1" aluminum dome tweeters have extremely broad dispersion, spreading sound across a large area for full outdoor coverage. All tweeter components are weather-resistant.

Ported design for increased bass

We port the SA60 to achieve maximum bass response. In cases when the speaker is exposed to direct precipitation, the ports can be plugged to create a completely sealed enclosure. A bug screen is installed inside the port to prevent nesting.

Three mounting choices

We include a stainless steel C-clamp bracket for horizontal or vertical mounting. An optional Garden Kit allows placement in flower beds.



On-Board Tuning

By methodically measuring the effects of room size, building materials, furnishings, and speaker placement on music reproduction, we create products that sound great in any room of your home. We're pioneers in this field — the first, and we believe, only speaker company to focus entirely on designing speakers mindful of the interaction of placement on room acoustics.

Outdoors and boundary

Speakers tuned for indoor use rely on the walls, floors and ceilings to increase bass response. But if a speaker is tuned indoors, then moved outside, the lack of walls creates a distinct fall-off in bass. In short, the only way to design an outdoor speaker is to physically tune it outdoors, in a variety of mounting configurations. We developed the SA60 outside — mounted to a building, placed under an eave, and installed in the garden with the optional Garden Kit. We subjected the speaker to heat, cold, direct precipitation and salt spray. The end result is a tough, outdoor-ready speaker system with optimized performance.

Specifications

Maximum Output

114dB (with 100w of amplification).

Near-Field Response (-3dB)

65-20,000 Hz

6dB Downpoint

60 Hz

Coverage Angle (-6dB)

120° H, 60° V

Sensitivity (1w, 1m)

88dB

Nominal Impedance

8 ohms stereo, 4 ohms mono.

Tweeter

Dual 1" aluminum dome, horn-loaded.

Bass Unit

6½" long-throw with poly cone, dual voice coil.

Cabinet Construction

Cross-linked polyester rotation-molded cabinet. Exposed hardware is stainless steel, brass, and aluminum. Stainless steel C-bracket.

Weight

15 lbs. each

Finishes

Available in white or black.

Dimensions (HxWxD)

10x16½x10"

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