

8" 2-WAY HERMETICALLY-SEALED OUTDOOR SPEAKER



Finishes:



The Stealth Acoustics StingRay 8™ is a full-range, high-fidelity, 8" two-way environmentally protected outdoor speaker utilizing sealed-front radiator technology in an enclosure with no grill or other openings. The StingRay 8™ features Stealth's proprietary Fidelity Glass™ radiating surface made from extremely durable and impenetrable glass fiber that resists elements like salt water, sunlight or harsh temperatures, while providing full and natural sound for music or speech applications.

The StingRay 8™ offers powerful advantages over traditional outdoor loudspeakers. The speaker is impervious to the elements and can be placed in almost any outdoor setting. Featuring an CEI/IEC Ingress Protection (IP) rating of 68 for maximum protection, the StingRay 8g™ does not allow dust or moisture to enter the device, making it perfect for any outdoor application where wide

coverage, full range sound and ultimate environmental durability are required.

The sleek sealed rear enclosure is constructed from UV protected ASA marine-grade plastic for ultimate outdoor durability. Traditional input terminals have been replaced with a waterproof cable exit and a sunlight/moisture resistant 2' cable pigtail. UG rated butt splice connectors are provided for superior corrosion resistance connections to feed wiring.

The StingRay 8™ has four factory-standard mounting configurations using the included proprietary mounting bracket, providing for simple vertical, horizontal and downward firing mounting configurations, or free standing floor operation. An optional ground stake accessory is available for anchoring the speaker to various substrates. The speaker is also compatible with many common universal swivel mounts.

Recommended Applications:

- Outdoor Audio Systems
- Foreground Music
- Background Music
- Voice Paging
- Outdoor Home Theater
- Marine Audio Systems
- Sound Masking Systems

Performance:

- 160 Watts RMS
- 45Hz to 18kHz (see Figure 1)
- 80W Minimum recommended power

Protection:

Two independent self-resetting circuits (low and high-frequency).

Factory Finish Options:

The StingRay is available in Matte White, and Matte Black.

Custom Finish Options:

Finish options may include texturing, paint or adhesive vinyl appliques (not included.)

Offering near-hemispherical radiation throughout its full range of sound, the Stealth Acoustics StingRay 8™ incorporates an acoustically coupled, high-power, 8" (203 mm) cone woofer and a direct coupled 1" (30 mm) neomagnet high-frequency motor providing smooth response from 45Hz to 18 kHz. The speaker contains two independent self-resetting protection circuits (high-frequency and low-frequency sections) to protect it from excessive amplifier power.

The StingRay 8™ is offered in matte black, and matte white, or may be custom painted or vinyl wrapped to match almost any environment.

The Stealth Acoustics StingRay 8™ is covered by a 5 year manufacturer's warranty.

Architectural & Engineering Specifications

The outdoor loudspeaker shall be a two-way, full-range device, reproducing frequencies from 45Hz to 18kHz, without the use of external filters or equalizers. The loudspeaker shall incorporate an impenetrable sealed-front radiating panel with a minimum radiating surface area of 280 sq. in (1,806 sq. cm). The loudspeaker shall be completely enclosed and shall offer an Ingress Protection rating of IP-68 per CEI/IEC 60529 for maximum protection from water and dust intrusion.

Dispersion shall be a nominal 170 degrees in both horizontal and vertical planes across the entire frequency operating range. The loudspeaker system shall incorporate an acoustically coupled, low profile, high-power 8" (203 mm) cone woofer and a direct coupled 1" (30 mm) neo-magnet high-frequency motor. The loudspeaker shall have a minimum sensitivity of 83 dB, 1 watt / 1 meter, with a power-handling capacity of 160 watts RMS according to EIA standard RS-426-A.

The loudspeaker shall have two independent self-resetting protection devices, one each for the high-frequency driver and the low-frequency driver. The loudspeaker shall measure 20⁷/₈" (530 mm) × 14³/₄" (374 mm) × 3¹/₂" (89 mm) and shall be capable of mounting on walls or ceilings in a flat or 45 degree position using the supplied mounting bracket, mounted freestanding using the optional ground stake accessory, or in an articulated mounting utilizing optional mounting brackets.

Speaker finishing methods shall consist of factory standard matte black, matte white, or custom finished using paint or exterior-grade vinyl graphics as specified.

The loudspeaker shall be the Stealth Acoustics model SRAY8 (*specify standard white, standard black, or any special finishing requirements*). The loudspeaker shall carry a 5 year manufacturer's warranty.

Product Specifications

Frequency Response:

45Hz to 18kHz (see Figure 1)

Power Capacity:

160 watts RMS
80 watts minimum recommended power

Protection:

Two independent self-resetting devices (low and high frequency)

Sensitivity:

83 dB (1 watt / 1 meter)

Driver Components:

High frequency: 1" (30 mm) neodymium motor
Low-frequency: 1.5" (38 mm) voice coil, 8" (203 mm) woofer
Ceramic 20 oz. (622 gr) magnet

System Impedance:

8Ω nominal

Polar Dispersion:

170 degrees vertical and horizontal

Dimensions:

Width: 20⁷/₈" (530 mm)
Height: 14³/₄" (374 mm)
Depth: 3¹/₂" (98 mm)

Temperature Range:

Capable of full operation between
0°F (-17°C) to 150°F (60°C)

Environmental Protection Rating:

Ingress Protection (IP) rating of IP-68 per CEI/IEC 60529

Product Weight:

15 lbs. (7 kg) each

Shipping Weight:

41 lbs. (19 kg) per pair
23 lbs. (11 kg) per single

Included Accessories:

Key slot mounting bracket
Mounting screws

Optional Accessories:

SRGSTK Ground stake
SRUB Heavy duty mounting bracket
SRSM-33 Multi position mount

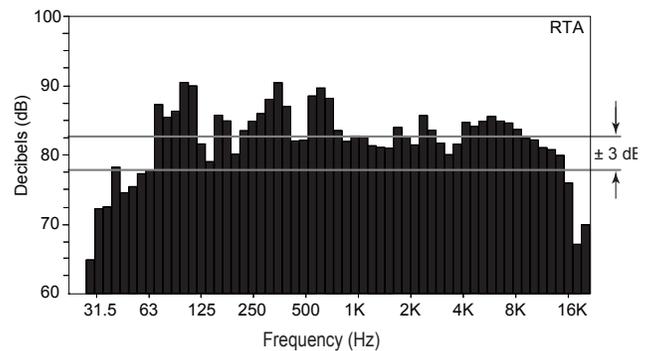
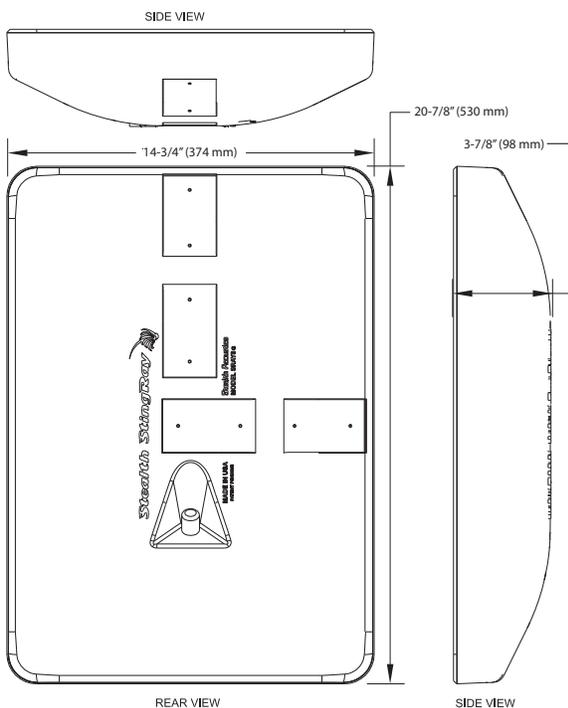


Figure 1: On-axis frequency response.