

SERENIX PROFESSIONAL AUDIO

SR-WR115T

IP56-rated 15" full-range waterproof speaker with 100V transformer — horn-loaded, weatherproof cabinet for outdoor installation.

SR-WR115T is a 15-inch, two-way, full-range loudspeaker built for permanent outdoor installation. Its design gives priority to waterproof, dustproof, windproof and anti-UV protection — the driver is specially made and treated, and the cabinet is formed from engineering plastic mold with a five-layer, differently-composited grille. The product meets the IP56 standard (fixed angle between front face and horizontal plane ≤90°).

Exposed metal parts are finished in sprayed stainless steel or aluminum, and the mounting bracket is sprayed low-carbon steel for all-weather use; a marine-environment version is available with the bracket upgraded to 316 stainless steel. A built-in audio transformer with band switch delivers multiple output power settings, including a constant-impedance 8Ω option.



IP56

WEATHER RATING

103dB

SENSITIVITY

135dB

PEAK SPL

400W

MAX POWER @ 8Ω

100V

LINE INPUT

FEATURES

01

IP56 Weather Protection

Waterproof, dustproof, windproof and anti-UV construction meets the IP56 standard for permanent outdoor use.

03

Horn-Loaded Coaxial Design

High-SPL horn-loaded HF component paired with the 15" LF driver for long-throw, full-range coverage.

02

Engineering Plastic Cabinet

Injection-molded enclosure with a five-layer composite grille for impact and weather resistance.

04

Flexible 100V Tap Switch

Built-in transformer with band switch selects multiple power taps, including a constant-impedance 8Ω option.

SPECIFICATIONS

Model	SR-WR115T
Configuration	1×15" LF + 1×1.4" HF, two-way, full-range
Frequency Response (-3dB)	50Hz–18kHz
Frequency Response (-10dB)	45Hz–20kHz
LF Driver	1×15", 3" voice coil
HF Driver	1×1.4", 3" voice coil
Sensitivity (1W/1m)	103dB
Maximum SPL	129dB continuous / 135dB peak
Impedance	8Ω
Rated Power	75W / 150W / 300W / OFF (100V taps) or 400W @ 8Ω
Input Voltage	100V line, band-switch selectable
Dispersion (-6dB)	60° × 25°
Crossover Frequency	1.5kHz
Input Connectors	Covered barrier strip terminals
Weather Rating	IP56
Package Size	610 × 585 × 570mm
Net Weight	31.5kg
Gross Weight	34.5kg

CONSTRUCTION

Cabinet: Engineering plastic injection molding, five-layer composite grille.

Finish: Sprayed stainless steel or aluminum on exposed metal; sprayed low-carbon steel bracket.

Marine option: Bracket upgradable to 316 stainless steel for marine environments.

APPLICATIONS

Sports Facilities

Stadiums

Water Parks

Outdoor Background Music

Swimming Pools

All figures are nominal, per manufacturer data.