

W SERIES

W2-122

DUAL 12-INCH
SUBWOOFER



APPLICATIONS

SMALL to MEDIUM VENUES

Theme and amusement parks · Water parks
Outdoor entertainment centers · Cruise ships
Music pavilions and musical fountains
Swimming pools

DESCRIPTION

The W2-122 subwoofer is a high output, high sensitivity, vented low frequency system with extended low frequency response down to 35Hz. The two 12-inch woofers, incorporating advanced motor cooling technology with weather-treated cone materials in cast frames, are mounted in a tuned, vented enclosure. The W2-122 has a maximum output of 121 dB SPL (127dB SPL peak).

Engineered for use in permanent installations, the loudspeaker enclosure and faceplate are constructed of multilayer fiberglass composite, providing extreme structural strength. A three-layer Weather-Stop™ grille provides additional weather-resistance for the internal components, and all exposed hardware is stainless steel or powder-coated aluminum. Six (6) 1/2-13 threaded mounting points are included to allow easy attachment to optional yokes.

The W2-122 is backed by a five-year product warranty plus a fifteen-year enclosure warranty.

FEATURES

- All-weather, multilayer fiberglass composite enclosure with stainless steel hardware
- Integral mounting points
- Stainless steel hardware
- Available in black or white finishes
- Powder-coated weather-resistant marine grade aluminum grille
- Optional steel and stainless steel mounting yokes

TECHNICAL SPECIFICATIONS

Loudspeaker Type:	Subwoofer
Operating Range:	35 Hz - 600 Hz
Frequency Response:	40 Hz - 160 Hz (±1.5 dB)
Max Input Ratings (8 ohm):	400W continuous, 800W program
Sensitivity (1W/1m):	95 dB SPL (50 Hz to 160 Hz 1/3 octave bands)
Maximum Output:	121 dB SPL / 127 dB SPL (peak)
Nominal Impedance:	4 ohms
Minimum Impedance:	4.8 ohms @ 200 Hz
Nominal Coverage:	360° H x 180° V
Drivers:	LF 2 x 12" (305mm) weather-treated cone

PHYSICAL

Input Connection:	16-2 SJOW (12 ft / 4m)
Enclosure:	Hand-laminated fiberglass
Finish:	Black or white gelcoat
Mounting / Rigging Provisions:	Six (6) 1/2-13 threaded mounting points
Grille:	Powder-coated, zinc-plated marine grade aluminum (5052 alloy), black or white finish (three-layer Weather-Stop™)
Environmental:	IP 55W rated per IEC 60529
Dimensions—Height:	19.38 inches (492 mm)
Width:	33.63 inches (854 mm)
Depth:	21 inches (533 mm)
Weight:	82 lbs (37.2 kg)
Shipping Weight:	125 lbs (56.7 kg)

OPTIONS

Optional Accessories:	W2-Y33 Steel Mounting Yoke (black or white) SSY33KIT Stainless Steel Mounting Yoke (black or white)
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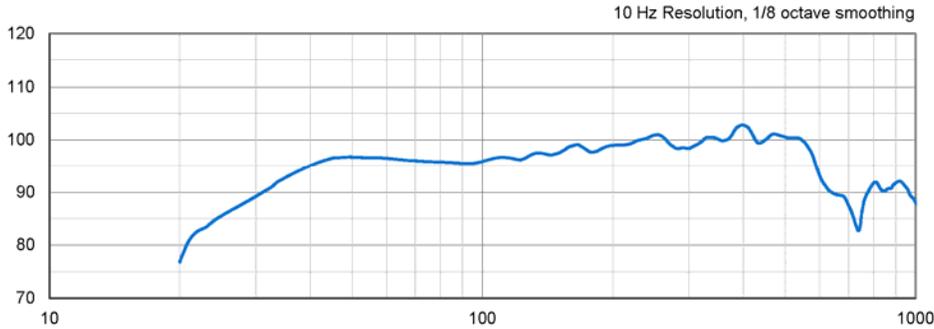
Recommended signal processing available at www.communitypro.com.

W SERIES

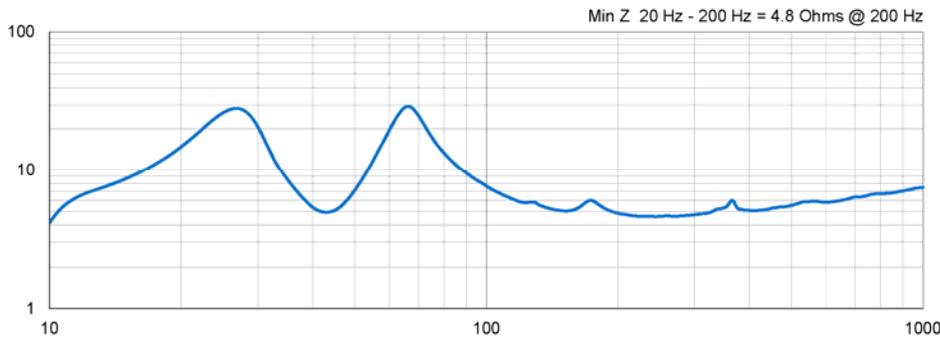
W2-122 DUAL 12-INCH SUBWOOFER



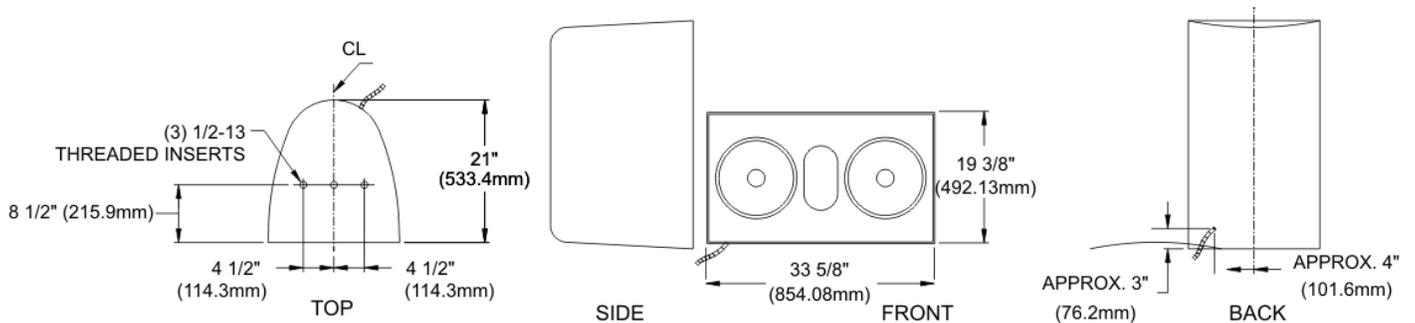
FREQUENCY RESPONSE



IMPEDANCE



DIMENSIONS



ARCHITECTURAL SPECIFICATIONS

The loudspeaker system shall be a vented bass reflex multilayer fiberglass composite enclosure with two cast-frame, weather-treated 12-inch woofers with advanced motor cooling technology. There shall be a 12' (4m) #16 gauge SJOW input cable. The loudspeaker enclosure shall have a powder-coated perforated zinc-plated marine grade aluminum grille backed by weather-resistant material. There shall be six 1/2-13 integral threaded mounting points connected to internal reinforcement. The system shall have an amplitude response of 40 Hz - 160 kHz (± 1.5 dB), input capability of 40V RMS, 95 dB sensitivity referenced to a 2.0V input and 4 ohm nominal impedance. The nominal dispersion shall be omnidirectional throughout the operating range. The loudspeaker shall be 19.38 in. (492 mm) high x 33.63 in. (854 mm) wide x 21 in. (533 mm) deep and weigh 82 lbs (37.2 kg).