



Description

Community's W2-218 is a compact two-way, full-range loudspeaker system featuring an 8-inch carbon fiber LF driver and a 1-inch HF compression driver with a weather-resistant, non-metallic, non-resonant polyimide diaphragm. Drivers are Ferrofluid-cooled to improve heat transfer, resulting in higher power handling and reduced distortion.

Like all WET Series II loudspeakers, the W2-218 is designed to provide high quality music and voice reproduction in applications requiring extreme weather-resistance. The W2-218's compact enclosure features unmatched durability and ruggedness and is engineered for use in permanent installations.

The loudspeaker enclosure and faceplate are constructed of multi-layer glass composite, resulting in extreme structural strength. A three-layer Weather-Stop™ grille provides weather-resistance to the internal components, while all exposed hardware is stainless steel or powder-coated aluminum extrusion. A weather-resistant stainless steel mounting yoke is included.

The W2-218 is also available in an optional "autoformer" version (model W2-218T), with a built-in 100-watt autoformer for 70V/100V lines with selectable taps at 100, 50, 25 and 12.5 watts.

The W2-218 is backed by a five-year product warranty plus a fifteen-year enclosure warranty.

Applications

- Theme and Amusement Parks
- Outdoor Entertainment Centers
- Cruise Ships
- Stadium Fill
- Music Pavilions
- Musical Fountains
- Water Parks

Features

All-Weather, Multilayer Glass Composite Curvilinear Enclosure

Stainless Steel Hardware

Integral Mounting Points

High Power Passive Crossover

Ferrofluid-Cooling

Weather-Stop™ Grille

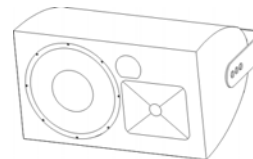
Available in Black or White Finishes

Powder Coated Stainless Steel Mounting Yoke Included

Available with or without a 100W Autoformer for 70V / 100V Applications

W2-218

**WET SERIES II FULL-RANGE
2-WAY, 8-INCH**



SYSTEM

Format: Two-way, full-range

Operating Range: 70 Hz - 18 kHz

Frequency Response: 90 Hz - 15 kHz (± 3 dB)

Dispersion (-6 dB): 80° H x 60° V

Maximum SPL @1m: 114 dB continuous / 121 dB peak

Crossover Frequency: 2 kHz

Sensitivity in SPL: 93 dB (125 Hz - 13 kHz, 1/3 octave)
(1W/1m, free space) 92 dB (250 Hz - 4 kHz, speech range)

Max Power Handling: 125W RMS
300W Program

Transformer Version:
70V Taps 100W, 50W, 25W and 12.5W
100V Taps: 100W, 50W, 25W

Impedance: Nominal 8 Ω /Min. 3.5 Ω @15.3 kHz

TRANSDUCERS

Low Frequency: 8" Carbon Fiber (203mm)

High Frequency: 1" Non-Metallic (25.4mm)

MECHANICAL

Enclosure: Hand-laminated fiberglass

Finish: Black or white gelcoat

Rigging Provisions: Two 1/2-13 rigging points; yoke bracket included

Input Connection: 16-2 SJOW (12 ft / 4m)
18-5 SJOW T-Version

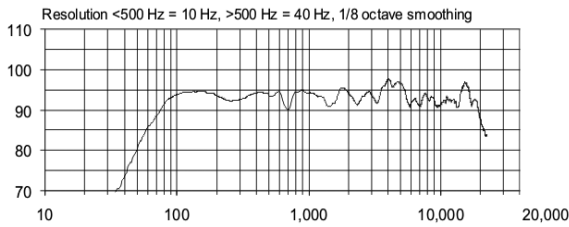
Grille: Three-layer Weather-Stop™

Dimensions: 9.25" (235 mm) x 15.5" (394 mm) x
H x W x D 10.13" (257 mm)

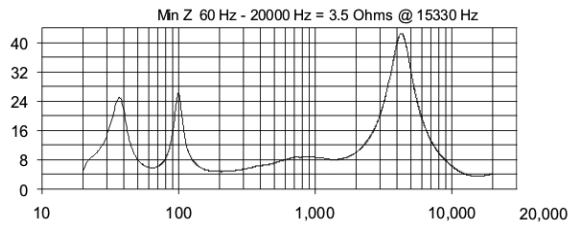
Net Weight: 18.6 lbs / 8.4 kg

Recommended signal processing available upon request.

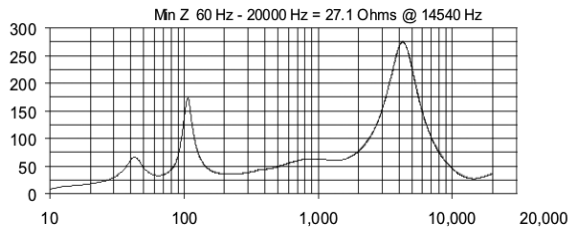
FREQUENCY RESPONSE



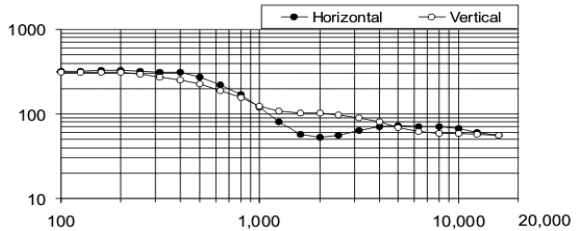
IMPEDANCE



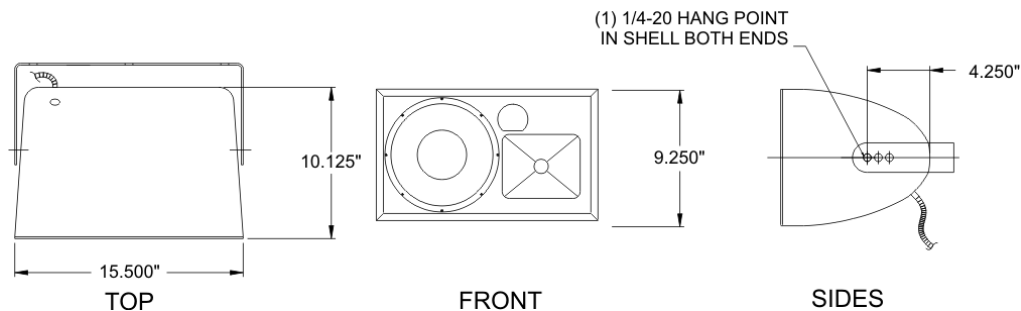
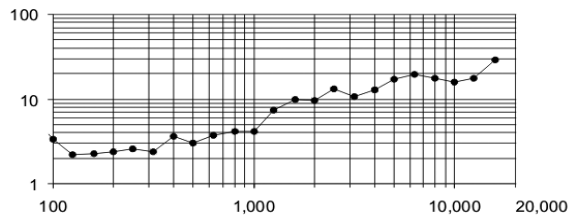
AUTOFORMER 100W IMPEDANCE



BEAMWIDTH



AXIAL Q



Architects' and Engineers' Specifications

The loudspeaker system shall be a two-way, full-range, weather-resistant bass reflex design with one 8-inch carbon fiber low-frequency woofer and one 1-inch exit high frequency driver with a non-metallic polyimide diaphragm mounted on a high frequency fiberglass horn. Drivers shall be connected to an integral crossover with a crossover frequency of 2 kHz. The input connection shall be one 12 ft. (4m) SJOW #16 gauge cable with stripped ends. The loudspeaker enclosure shall be of multi-layer glass composite with a 16 gauge perforated stainless steel grille backed by open cell foam and a 100 x 100-wire per square inch stainless steel mesh. There shall be two 1/2-13 rigging points. The system shall have an amplitude response of 90 Hz -15 kHz (+/- 3 dB), input capability of 32 Volts RMS, 93dB sensitivity at one meter nominal impedance. The nominal dispersion shall be 80° H x 60° V from 1.6 kHz - 12.5 kHz. The loudspeaker shall be 9.25 in. (234.9 mm) high x 15.5 in. (393.7 mm) wide x 10.13 in. (257.3mm) deep and weigh 18.6 lb (9.5 kg).

Community strives to improve its products on a continual basis. Specifications are therefore subject to change without notice.