DESCRIPTION

The Community WET2W8 loudspeaker is a two-way, full-range loudspeaker system designed to provide high quality music and voice reproduction in applications requiring extreme weather-resistance. It provides an uncompromised musical system in a compact, attractive, weather-resistant package. Engineered for use in permanent installations, the loudspeaker enclosure and faceplate are constructed in hand-laminated black multi-layer glass. The LF cones are of low mass, high stiffness carbon fiber. The HF driver has a diaphragm of titanium. All drivers are Ferrofluid-cooled. The LF drivers and centrally placed ultra-wide 120º HF pattern control horn have been engineered to provide superior uniform pattern over the widest possible bandwidth. The unique molded “Super-V” configuration of the LF drivers provides exceptional uniform midrange pattern that would be impossible to create with a conventional flat wooden baffle plate.

Precise modeling and documentation prove that woofer/horn/woofer placement in traditional under balcony fill-type loudspeaker designs actually exacerbates severe horizontal lobing. The WET2W8’s new dual LF driver/HF horn configuration, the “Super -V” design actually prevents deleterious side lobes from forming in the critical voice range. Five-year limited warranty.

APPLICATIONS:
• Stadium Fill
• Under Balcony Fill
• Foreground Music
• Themeparks/Waterparks
• Outdoor Entertainment Centers
• Cruise Ships/Swimming Pools
• Stage Rail Fill

FEATURES:
• All-weather, Multi-layer Glass Composite Enclosure
• Weather Inert Carbon Fiber Cones
• Stainless Steel Hardware
• Integral Mounting Points
• High Power Passive Crossover
• Weather-Stop™ Grille

Specifications subject to change without notice.

WET2W8 [01-21-04]
WET2W8

2-WAY WEATHER RESISTANT LOUDSPEAKER

**ARCHITECTS AND ENGINEERS SPECIFICATIONS**

The loudspeaker shall be a two-way, weather-resistant design with two 8" (205 mm) carbon fiber cone woofers with a centrally mounted 1" exit titanium diaphragm HF compression driver mounted to a pattern control horn. The drivers shall be mounted on a one-piece multi-layer glass composite baffle. All components shall be connected to an integral crossover at a crossover frequency of 1.5kHz. The input connection shall be one 12 ft.(4m) SJOW #16 gauge cable with stripped ends. The loudspeaker enclosure shall be constructed of multi-layer glass composite with a 16 gauge perforated stainless steel grille and two integral 1/2-13 threaded mounting points. The system shall meet the following performance criteria: Amplitude response of 95 Hz to 15 kHz (+/-5dB), 250 watts RMS power handling, 98dB SPL sensitivity (100Hz - 12.5kHz) at 1 meter with 1 watt applied. The nominal system impedance shall be 4 Ohms. Nominal horn coverage pattern shall be 120° x 60° (H x V). Dimensions shall be 20 inches (508 mm) wide, 10.1 inches (257 mm) high, 11.5 inches (292 mm) deep with a weight of 34 lbs. (15.4 kg).