

## **Specifications - Peavey® Elements™ 212C Sub**

**Frequency range (-10 dB, half space ):**

45 Hz – 1.5 kHz

**Frequency Response, 1 meter on-axis, swept-sine in anechoic environment:**

63Hz – 1 kHz ( $\pm 3$  dB)

**Power Handling:**

1000W Continuous, 2000W Program, 4000W peak.

**Sound Pressure Level, 1 Watt, 1 meter in anechoic environment:**

98 dB SPL , (2.00 V input)

**Maximum Sound Pressure Level (1 meter):**

128 dB SPL continuous

134 dB SPL peak

**Transducer Complement:**

2x 12in. Woofer, Vented

1208-8 SPS WR Water-Resistant Black Widow® Woofer

**Box Tuning Frequency:**

59 Hz

**Input Connections:**

2x Neutrik® Speakon® NL4MD & 1x 4-position barrier strip

**Enclosure Materials & Finish:**

Cabinet is constructed with 1 / 2" thick advanced technology composite fiber panels, coated in our black Hammerhead™ poly-urea with a lightly textured finish. Triple-layer moisture-repellant grille assembly, consisting of an perforated stainless steel outer grille, with inner hydro-phobic cloth mesh, and a proprietary third layer.

**Dimensions (H x W x D):**

29.44in. x 14.07 in. x 16.35 in.

748 mm x 357 mm x 415 mm

*NOTE: Depth does not include gland nut depth from weather-cover plate, or cable thickness.*

**Weight:**

62 lbs. (28.2 kg)

**Mounting Provisions:**

(12) 3/8"-16 Threaded Mounting Suspension Points (3 each top & bottom and 2 each sides & back). Rubber washers are provided for use with 3/8" eyebolts, to assure a weather tight seal.

Three sets of 4) 1/4X20 SS inserts, the sets are located on the top, rear, and bottom for use with the Peavey® Versamount™ 70+ and the Peavey® Elements™ Pole Mount bracket.

#### **Recommended Low Pass Filter:**

Maximum frequency of 125 Hz, LR 24 dB/octave type.

#### **Recommended High pass (Infrasonic) Filter:**

45 Hz, LR 24 dB/oct. type.

*NOTE: To safely achieve maximum rated SPL output, audio signal must be filtered for extreme low frequency content. All high SPL vented cabinets should have this signal protection.*

### **Features**

#### **Compact dual 12" Outdoor Fully-Weatherized Subwoofer Speaker System**

- Direct Radiator Vented Subwoofer Enclosure
- Dual 12" Water-Resistant Black Widow® woofers, with a total of 2000 watts program power handling
- Triple-layer perforated SS moisture-repellant grille
- Versatile suspension provisions: 3/8" eyebolts or VM70 bracket or Pole Mount
- Lighting/power pole mounting bracket fly point set
- All external hardware is Stainless Steel
- Enclosure is made of advanced technology composite fiber panels
- Cabinet coated in black Hammerhead™ poly-urea finish.
- Weather-sealed input cup cover with gland nut.
- 70 Volt transformer option available, easily upgraded in the field
- Overall system weatherization rating of IP45

### **Description**

The new Elements™ 212C Sub loudspeaker system from Peavey® Electronics provide unparalleled flexibility for permanent outdoor installations. The Elements™ 212C Sub system is a dual woofer subwoofer speaker system comprised of a pair of 12" Water-Resistant Black Widow® woofers tuned for maximum low frequency output.

The Elements™ 212C Sub speaker system is constructed of 1 / 2 " thick advanced technology composite fiber panels and are coated with a black Hammerhead™ poly-urea finish. A 18 gauge powder-coated perforated stainless-steel metal grille with an inner hydro-phobic cloth mesh, and a foam third layer protects the front of the

system from external moisture and dust. A full set of twelve 3/8"-16 threaded mounting suspension points, 3 each top and 3 each bottom, and 2 each sides & back, is provided for flying and mounting, as well as three sets of 4) 1/4X20 SS inserts. The sets of four are located on the top, rear, and bottom for use with the Peavey® Versamount™ 70+ and the Peavey® Elements™ Pole Mount bracket.

The Elements™ 212C Sub has a water-resistant version of the high power Black Widow® WR woofer incorporated, with a resin impregnated cone and dust cap for superior environmental stability. Capable of over 1,000W of continuous power handling (AES Std 2-1984), the pair of weather-resistant woofers can handle a lot of sheer power.

Input connection to the system is made via a pair of 4 pin Neutrik® NL-4 connectors in parallel with a corrosion-resistant 4-position screw terminal strip for input connection flexibility while maintaining superior signal integrity. A sealed cover plate with a gland nut protects the input cup connectors from the environment.

A field installed transformer option is available, providing an easy upgrade to 70V/100V transformer use. The transformer is pre-mounted on a plate, the cover plate is unscrewed and removed from the Elements™ 212C Sub, and the plate mounted transformer installed in it's place, with the simple un-plugging and plugging of water-proof connectors. The transformer option available for the Elements™ 212C Sub has a 400W, 200W and 100W output tap.

With it's compact dimensions for a dual 12" enclosure, this system can put out some serious sound levels, and take large amounts of clean amplifier power, resulting in precise coverage with excellent clarity and high reliability.

## Mounting

Contact Peavey Electronics Corp. for information and specifications for flying this speaker.

## Architectural & Engineering Specifications

### Elements™ 212C

The loudspeaker system shall have an operating bandwidth of 63 Hz - 1 kHz. The nominal system output level shall be 98 dB when measured at a distance of one meter with an input of one watt. The nominal impedance of the Elements™ 212C shall be 4 ohms. The maximum continuous power handling of the system shall be 1,000 watts, maximum program power of 2,000 watts and a peak power input of at least 4,000 watts all with a minimum amplifier headroom of 3 dB and proper infrasonic filtering.

The enclosure shall be constructed of 1 / 2" weather-resistant advanced technology composite fiber panels, and finished in a textured hard-shell of black poly-urea coating. The outside dimensions shall be 29.44 inches high by 14.07 inches wide by 16.35 inches deep. The full-length grille shall have a triple-layer construction,

consisting of perforated stainless steel outer layer, a hydrophobic cloth middle layer, and a reticulated foam inner layer, so as to provide excellent moisture protection to the drivers. The weight shall be 62 pounds. The loudspeaker system shall be a Peavey Elements™ model 212C Sub.

*Features and specifications subject to change without notice.*