



## Uncompromising Performance, Unequaled Versatility

The BPS12-1 and BPS12-2 Subwoofers use advanced technology and application-driven engineering to bring live sound closer to the ultimate reference point: reality. Cutting edge woofer technology high-order bandpass designs deliver outstanding bass performance. Versatile enclosure designs, combined with a wide range of mounting options and associated hardware, provide unrestricted flexibility for both portable and installed applications.

Wherever audiences and operators demand superior bass performance and ease of use, BPS12-1 and BPS12-2 are the choice for superior bass performance.

### Applications

- Virtually any application where the visceral impact obtainable only from high power subwoofers is required.
- Multi-channel A/V playback systems, live sound and music systems in clubs and disco's, performing art centers, theaters, houses of worship, etc.
- High quality speech and music systems, surround sound systems, board room systems, etc.
- A/V rentals, portable sound systems for performing artists and lecturers, small bands, choral groups, etc.

### High Efficiency Bandpass Design

The BPS12-1 and BPS12-2 feature a high efficiency 7th order bandpass design that offers excellent loudspeaker loading and minimizes over excursion problems in compact, high performance enclosures. The improved loading of the high-order bandpass design produces extremely "tight" bass with excellent transient response .

The high-order bandpass design also improves efficiency and the BPS12-1 and BPS12-2 show a 6 dB to 10 db gain at the port frequencies.

### High Power, High Performance Woofers

The heavy duty woofers used in the BPS12-1 and BPS12-2 were developed specifically for use in high power subwoofers. They feature 4" edge wound voice coils, rigid cones and massive magnetic structures in a "long-throw" design that assures linear movement even at high power levels.

### Custom Flexibility and Versatility

BPS12-1 and BPS12-2 subwoofers are provided with all the options needed for both portable applications and for use in fixed installations.

## BP / BPS Subwoofers

### BPS12-1

Single 12-Inch Subwoofer

### BPS12-2

Dual 12-Inch Subwoofer



- **Powerful 12-Inch Subwoofers**  
Provide high-impact (123 dB peak SPL on the BPS12-1 & 129 dB on the BPS12-2) sub-bass performance.
- **High Efficiency Bandpass Design**  
Provides improved loudspeaker loading, minimizes over excursion problems and greatly increases the power handling capability.
- **Excellent Transient Response**  
Improved loudspeaker loading produces extremely "tight" bass with excellent transient response. Large vents and flared openings minimize air turbulence within the ports and further improve sonic performance.
- **High Power, High Performance 12-inch woofers**  
Long throw magnetic structures with dual channel air cooling assure linear cone movement even at high power levels.
- **Great Versatility**  
All BPS12-1 and BPS12-2 subwoofers are available in either portable or fixed installation versions in a wide choice of finishes. Weather resistant models are also available.

## TECHNICAL INFORMATION

### Sensitivity:

**BPS12-1:** 95 dB (1W/1m) @100 Hz

**BPS12-2:** 98 dB (1W/1m) @ 100Hz

### Max SPL:

**BPS12-1:** 123 dB program, 126 dB peak

**BPS12-2:** 129 dB program, 132 dB peak

**Freq. Response:** 35 Hz to 100 Hz

### Low Freq. Drivers:

**BPS12-1:** 12" model SSL12-13

**BPS12-2:** Dual 12" model SSL12-13

### Power Rating:

**BPS12-1:** 700 Watts program at 8 Ohms

**BPS12-2:** 1400 Watts program at 4 Ohms

**Enclosure:** 13 ply hardwood, heavily braced

**Grille:** Perforated metal grille

**Connector Options:** 4-pin Neutrik or screw terminals

**Finish:** Black or white paint  
Custom colors  
Natural (unfinished)  
Weather resistant

**Hardware Options:** Metric M10 universal mtg hardware, tripod socket, handles

### Dimensions:

**BPS12-1:** 26.5" H x 14 1/4" W x 18" D  
(67.3 cm x 36.2 cm x 45.7 cm)

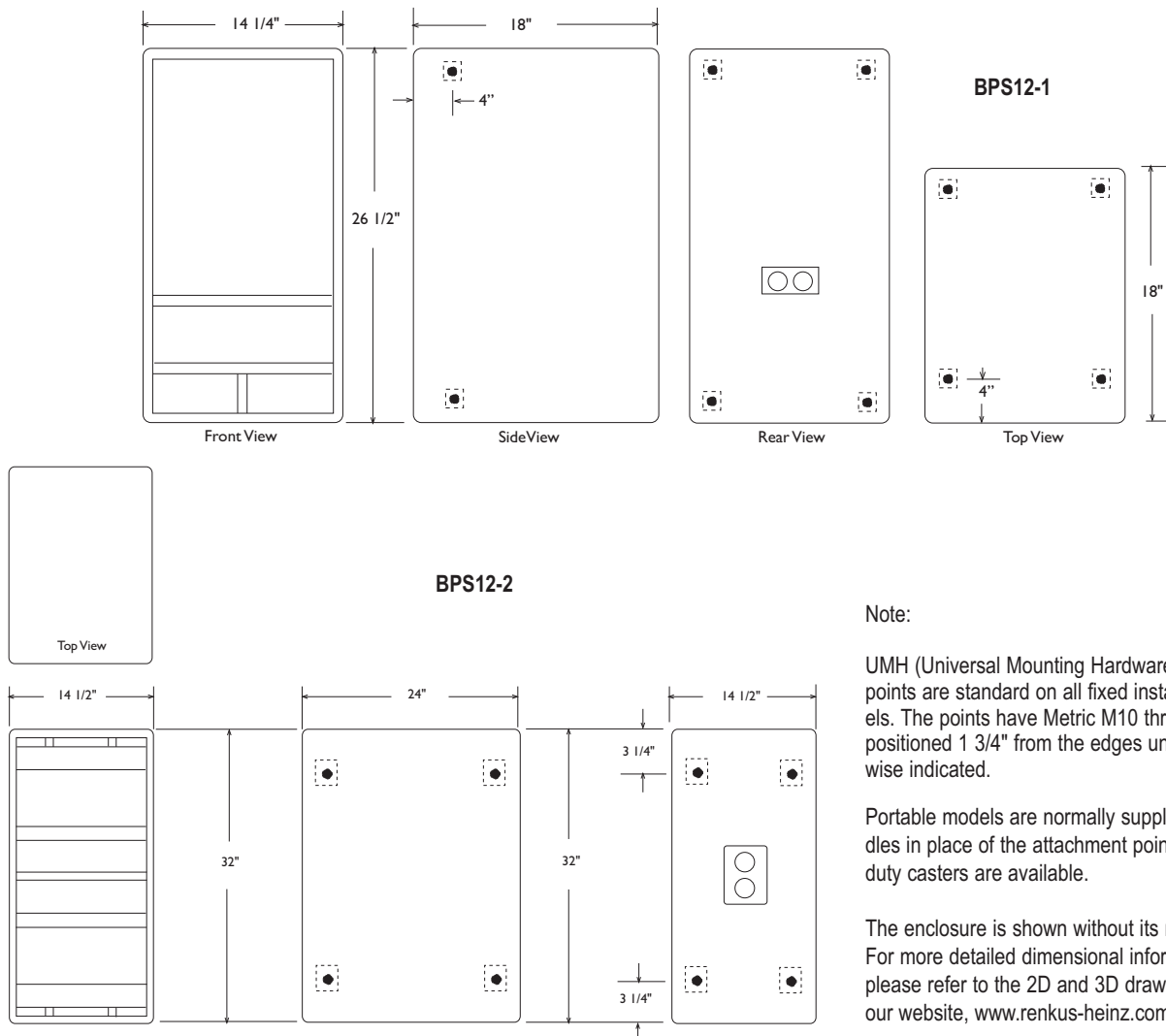
**BPS12-2:** 32" H x 14.5" W x 24" D  
(81.3 cm x 36.8 cm x 61cm)

### Net Weight:

**BPS12-1:** 74 Lbs. (33.6 Kg)

**BPS12-2:** 120 Lbs. (55.3 Kg)

## DIMENSIONAL INFORMATION



### Note:

UMH (Universal Mounting Hardware) attachment points are standard on all fixed installation models. The points have Metric M10 threads and are positioned 1 3/4" from the edges unless otherwise indicated.

Portable models are normally supplied with handles in place of the attachment points. Heavy duty casters are available.

The enclosure is shown without its metal grille. For more detailed dimensional information, please refer to the 2D and 3D drawing files on our website, [www.renkus-heinz.com](http://www.renkus-heinz.com)