



# PS Series

Light weight Powered Loudspeaker System  
輕便式有源系統

完美結合 圓融無礙  
Perfect matching



- 博聲音響的有源揚聲器系統-PS系列，由五個型號組成的PS系列，使用簡單、連接方便是它最大的特點。
- PS系列音箱都內置了具有低失真、低噪音的AB類功率放大器，PS獨有的先進優化線路設計，使系統在工作的過程中能夠通過保護電路可實時讀出輸出負載和電壓的同時，連續監視低頻/中頻和高頻通道，當達到峰值輸出電平時，由於保護電路的作用，終端用戶甚至覺察不出任何問題。
- BOB AUDIO's active speaker system--PS series,formed by 5 models,simple use,convenient for connecting is the biggest feature.
- PS series speaker is built-in low distortion,low noise AB type amplifier,the unique advanced optimized circuit,during working you can read the output load and voltage which generated by the protection circuit,monitoring the L/M/H frequency channel,when reach the peak level,the end user won't note any problem.



## Enclosure Design 箱體設計

PS系列音箱採用優質的膠合板加工而成，令到PS系列音箱堅固結實的同時具有良好的聲學特性。多邊形的外形設計用途廣泛。把手、支撐底座、懸掛吊點集成一體。

PS series speaker is made by good wood board, this make the cabinet strong and good acoustic feature. Polygon shape can be used widely. Entegrate with handle, pole mount socket and flying point.



## Driving Unit 驅動單元

PS系列的喇叭單元都是經過精心設計，高頻壓縮單元採用了1"喉口設計，鈦金屬的膜片加上先進的磁路設計，最終能夠產生細膩和自然的高音音色。低頻驅動單元的音圈採用了專門設計的扁平銅線繞制而成，可提供最高的瞬態響應，具有高效和快速而準確的瞬態響應。

PS series' loudspeaker unit is well-designed. The HF compression unit uses 1" throat design, titanium diaphragm and advanced magnetic path design results smooth and nature HF sound. The coil of LF driving unit is surrounded by designed flat cooper wire. This design can lead a bigger power processing ability; provide the highest transient response and high efficiency, speedy and accurate transient response.



## Amplifier Module 功放模組

PS系列全部型號都是有源系統，AB類的放大器性能可靠耐用，輸出功率強大。內置的兩分頻電子分頻器使得整個揚聲器效率高，分頻准。限幅和過載等多種保護裝置有效保證了模組的安全。每款放大器的面板上均有一組JACK/XLR輸入和輸出插座，使用者可以很輕易地把多組音箱串聯起來。獨立可調節的低音和高音控制，LED顯示電源、電平和過載狀態。

PS series is active series, the AB type amplifier is reliable and powerful. The internal electric crossover makes the speaker efficient, crossover accurate. Applitude limit and over load protector ensure the safe. There is a group of JACK/XLR input and output socket, user can easily connect the speaker in serial. Seperate adjustable LF, HF control, LED displaying power, level and over load status.

## Unapproachable Process Detail 無可匹敵的工藝細節

音箱的頂底部設有符合人體工程學的一體化木質把手，低部裝有1個36mm的支撐底座。用于支架安裝，或與其它型號的超低頻音箱連接。頂底部和背板側面板裝有懸吊用的M8吊裝螺絲。

There are ergonomic handles on both sides of the enclosure that ease to delivery, one 36mm supporting base on top for supporting installation and connecting with other models, M8 suspension screw are installed on front side and back side.



## Special Broadband Constant Directing Waveguide Horn 獨有的寬頻恒指向波導號角

聚氨酯壓鑄的橢圓形寬頻恒指向波導號角是博聲音響獨有的設計。由於聲波是呈球形擴散的特性，橢圓形波導號角提供了恒定的波束寬帶和指向性。這種獨特的波導技術消除了因為號角轉角引起的高頻毛刺和失真。由於沒有較大的平面，所以與傳統的號角相比少了很多頻帶內的共振，避免了傳統矩形號角的弊病。由於具有寬頻帶、低失真、和極少的聲染色，橢圓形寬頻恒指向波導號角這種設計更加具有良好的聲學特性指標。聲音遠比傳統的號角自然。

Polyurethane die-casted oval eternal pointing waveguide horn is BOB's own design. Due to sound-wave's spherical diffusion character, oval waveguide horn can provide constant wave beam broadband and directing, this special waveguide technology eliminate the high frequency burr and distortion which causing by horn's turn angle. Because there is no big flat plate, it has much less resonance in frequency range comparing with traditional horn that throwing out the disadvantage of traditional rectangular horn. Oval broadband constant directing horn design is wide frequency range, low distortion and little acoustic coloring, it has good acoustic characteristics of indicators, more natural sound than traditional horn.



# Combine As You Want

## 根據你的風格和需要任意組合

為了適應于各種特殊需求場合，使其成為更廣泛專業應用的理想選擇。所有型號的音箱除了標準的垂直安放，還可以傾斜安放作為舞臺地面監聽或者輔助監聽使用。每款PS的音箱底部都有配有36MM腳架安裝孔作為立杆安裝使用，頂部和側面板裝有有多個M8吊裝螺母作為固定吊裝使用。

To meet all places using, become the ideal choose of professional application. All the models can be placed vertically as standard or horizontally as stage monitor. All the bottoms is installed with 36mm pole mount socket, there are many M8 screw on top and sides.



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## Installation 安裝配件

PS系列所有型號的音箱都配備了各種吊具和支架，安裝工程師可以根據使用需要選配安裝吊具。

All models of PS series provide kinds of spreader and bracket for installation engineer to choose according to all requirements.

