



# MS Series

## Cinema Loudspeaker System 影院系統

銀影之美 如幻如真  
Nice and real



- 電影的音響效果對一部成功的電影來說是起了舉足輕重的作用，同樣的道理，要還原一部好電影的音響效果就需要一套好的電影院音箱。
- 如今的電影音頻已經從原來的模擬信號轉變成高保真的數字信號，這種轉變使電影的原音輸出提供了更好的頻寬和更高的動態。但是一般的電影院音箱都是二分頻設計，這種設計並不能完全表現高保真數字信號的高質素音色輸出。因此博聲音響的設計師們和電影院的工程師共同創造出MS系列電影院音箱，它採用了THX標準中贊同的三分頻全音設計，並通過高標準的製造，嚴格的測試。符合真實還原高保真音效的要求，完美表現電影原音本色。
- MS系列電影院音箱最佳的音色效果，容易操作而且快速安裝的優越設計，符合THX的標準，使它必定成為電影業界的最佳選擇。
- Audio is very important to a film,so,you need a good cinema speaker to get a good film audio effect.
- The current film audio has changed into digital signal from analog signal,this change let the audio provide a better frequency range and higher dynamic.However many cinema speaker is 2 way,can't show high quality sound effect of hi-fi digital signal.The designers and engineer of Bob audio create the MS series cinema speaker,based on THX standard,3 way,pass the high quality standard,strict test.Meet the hi-fi requirement,perfectly show the real sound of film.
- MS series,excellent sound effect,easy to use,and fast installation,meet THX standard,these make it the best choice of cinema industry.





## Enclosure Design 箱體設計

一般電影院主擴聲音響的安裝空間都是很狹小和燈光昏暗的，為了你能够讓主擴的音箱更容易安裝連接滿足銀幕後空間的要求，所有的MS系列音箱都是薄型設計，整個系統只需要50MM的空間即可。為了易于安裝，所有的組件都已經預先組裝好，節省實地安裝時間，按設計的要求把音箱擺放在指定的位置上，把音箱線連接在指定的卡位上，無需其他連接配件。拔掉用于調整角度的插銷，按所需的角度調整好重新插上固定插銷就全都完成了組裝和調整的工作。

Most cinema room is small and dark, to meet the installation requirement behind the screen, all the MS speaker is thin, only 50MM space needed. To simple the work, all the parts is loaded, save time, just place the speaker to position, connect the wire, no other parts needed. Take out the stud, adjust the angle and re-insert the stud to fasten then finish.



## M/H Frequency Horn Correcting 中高頻號角矯正技術

由于電影院的音響系統安裝特別，所有的主擴音都安裝在電影幕布後面，聲音很容易受到電影幕布的影響造成投射不均勻，聲音模糊。因此工程師為MS系列主擴音使用了由博聲音響擁有註冊專利技術的中頻輻射相位塞，目的是消除配有號角的10寸中頻單元各部分聲程差以及頻響的不均勻，這樣可以有效補償聲音通過幕布時散射不均勻，實現近乎完美的聲場覆蓋。

Installing of cinema speaker is special, all the speaker is behind the screen, can be affected by screen easily then shoot asymmetry, sound not clear. So the engineer use the BOB AUDIO patented MF phase plug, to eliminate the sound discrepancy of honred 10" MF unit and frequency asymmetry, to compensate the sound distributing asymmetry after going through screen, best cover the sound filed.



## Full Range Or Bi-Amp For Choose 可選擇單功放或三功放驅動

為了讓投資商有更多的投資選擇，所有的主擴音箱都裝有無源分頻網絡和三功放驅動系統。三路揚聲器可以用外置的電子分頻器輸出三個獨立通道去驅動，也可以利用無源分頻器去作全頻帶驅動節省功放。這樣投資商可以在節省投資或者需要更好的效果之間作出選擇。

To let the investor have more choice, all the speaker is built in passive crossover and bi-amp driving system. 3 way speaker can be driven by external electric crossover, or use passive crossover as a full range version, save amplifiers. Then investors can chose saving investment or get a better effect.



## Down 20 Degree Shooting 向下20度投射環繞

緊湊的兩路分頻設計迎合了今天數字電影院的選擇，經濟可靠的環繞音箱採用了標準的20度向下投射覆蓋。以8"/10"低頻驅動單元和1"高頻壓縮驅動單元配置組成的環繞音箱都內置了無源分頻器，垂直和水平都是90°的散射覆蓋，實現每個座位的完美覆蓋。黑色的箱體扣上可選擇顏色的聲學高透聲網罩迎合電影院裝修風格。新設計的快速安裝壁架使安裝快速、方便、安全。時間只需要傳統安裝方式的一半就可以完成。

The compact 2 way system meet current digital cinema requirement, economic and reliable surrounding speaker adopts the down 20 degree shooting. Loaded with 8"/10" lf units and 1" hf, built in passive crossover, vertical and horizontal shooting angle is 90°, perfectly cover all the seat. Black color cabinet match the color-changable cloth cover, meet the cinema decoration. The new wall bracket is fast, convenient and safe for installing, only half time as normal installation.







## Hd Cinema Processor 高清電影院處理系統

高清電影院處理系統是電影院重要的組成部分，它能幫助控制各種播放器材的音視頻。多個HDMI輸入接口支持連接各類高清播放機，衛星電視數字接收機。8聲道主音頻輸出。此外該產品還包括杜比數字5.1、杜比數字環繞 EX、杜比定向邏輯、DTS、DTS-ES等解碼功能，可以在放映前或放映過程中針對所有內容提供最佳的環繞效果，USB 接口幫助PC輕鬆設置系統。

HD cinema processor is very important to cinema,can help controlling all the video and audio.Multi HDMI input,can use all HD player,and satellite TV receiver.8 channels main audio output.Also this product also include dolby 5.1,surrounding EX,directional logical,DTS,DTS-ES...encoding function,can provide best surrounding effect before/while film playing,USB port is easy for system setting.

## Cinema System Configuration 電影院系統標準配置

