



### 特性:

- 專業吊掛裝置, 安全可靠
- 安裝快捷, 防水耐熱
- 高能量輸出
- 覆蓋射程遠
- 三分頻綫性陣列系統

### 應用:

- 體育館、音樂廳和劇院
- 大中型演出活動
- 流動演出擴音
- 戲劇演出

### Features:

- Professional suspension device, safe and reliable
- Fast installation, water and heatproof
- High efficiency output
- Long throw
- 3 way line array system

### Applications:

- Stadium, concert halls and theaters
- Medium-large sized performances
- Travelling performance amplify
- Theater

### 描述:

AS312是一款三分頻綫性陣列, 對稱設計。內置2x12"低頻驅動單元、4x6.5"密閉中頻驅動單元、2x3"高頻壓縮驅動單元。系統採用先進的綫聲源技術, 使中高频同步輸出均等的聲壓, 聲音傳輸距離更遠, 點聲源波導管裝置, 在多個聲箱緊密排列組成綫陣時, 音箱相互之間的聲波干涉被減到最少。一體化鋁合金吊裝套件, 音箱垂直耦合角度0°到6°, 每1.5°可調, 90°水平投射覆蓋。AS312可以獨立組成綫性陣列系統, 或和多祇超低頻揚聲器組成系統。多層樺木膠合板製造箱體、環保水性塗層保護外殼, 六角形網孔金屬網罩內貼聲學透聲海綿作揚聲器保護, 側面板和後面板融合了多個把手, 後面板配有兩個NL8并行接口。

### Description:

AS312 is a high performance 3-way line array, symmetrical design. Built-in 2x12" low frequency unit, 4x6.5" sealed mid-frequency unit, and 2x3" high frequency compression driver. This system uses line source technology, let the H/M frequency synchronously generate equal sound pressure and further sound distance. When some boxes arrayed together, the point sourced waveguide minimized the sound interference. Integrated aluminum flyware. Speakers vertical coupling angle is from 0° to 6°, adjustable by every 1.5°, 90° horizontal projection cover. AS312 form a line array independently or with subwoofer together. Can choose composite or multi-layer birch plywood for cabinet. Strong plastic paint for cabinet protection, hex hole grille stuck with foam inside, there are handles on side and back, back plate equipped with 2 NL8 slots. Can install active module by changing back plate.

## Specifications 規格

### System 系統

Frequency Response 頻響	60 Hz - 18 kHz (±3 dB)
Sensitivity 靈敏度	LF 101dB, MF 110dB, HF 112dB, SPL (1W @ 1m)
Nominal Impedance 阻抗	LF 2x8 ohms, MF 8 ohms, HF 8 ohms
LF Power Handling 功率	LF 1000 watts (rms 額定), 2000 watts (program 節目), 4000 watts (peak 最大)
MF Power Handling 功率	MF 600 watts (rms 額定), 1200 watts (program 節目), 2400 watts (peak 最大)
HF Power Handling 功率	HF 200 watts (rms 額定), 400 watts (program 節目), 800 watts (peak 最大)
Maximum SPL 最大聲壓	LF 131 dB, MF 137 dB, HF 136 dB
Nominal Coverage Angle (-6 dB) 覆蓋角度	horizontal (水平) 90°
Maximum vertical splay 最大垂直角度	vertical splay (垂直) 6°, 0°, -6°, 每1.5° 遞進
Crossover Frequency 分頻點	MF/HF 1.2 kHz, MF/LF 315 Hz
Recommended High Pass Filter 推薦高通濾波	high pass = > 50 Hz, 24 dB/octave

### DRIVERS 驅動器

Low Frequency (neodymium magnet) 釹鐵硼低音	2 x 12(in) 310 mm dia (直徑), 100 mm (4in) voice coil dia (音圈直徑)
Mid Frequency (neodymium magnet) 釹鐵硼中音	4 x 6.5(in) 170 mm dia (直徑), 38 mm (1.5in) voice coil dia (音圈直徑)
High Frequency (neodymium magnet) 釹鐵硼高音	2 x 3(in) 75 mm voice coil dia (音圈直徑), 38 mm (1.5in) throat dia (喉徑)

### PHYSICAL 箱體

Enclosure Construction 箱殼	15 mm birch plywood with structured (樺木夾板)
Finish 表面	Wear-resistant textured black paint (黑色耐磨粗點噴漆)
Grille 面罩	Powder coated perforated steel, foam backed (鐵網、內貼透氣棉)
Suspension Hardware 吊掛件	Proprietary BOB rigging system (專用套件)
Input Connectors 連接器	Speakon NL8 x 2
Dimensions 尺寸 H x W x D:	385 mm x 1117 mm x 680 mm
Net Weight 重量	65 kg

## Overall dimensions

