

AS-SERIES

MODEL: AS320

3-Way Line Array Loudspeaker System 三分頻綫性陣列系統



描述：

AS320是一款高效能三分頻綫性陣列，對稱設計。內置2x10"低音單元、2x8"密封中音、2x1.73"高頻壓縮驅動器。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9°，每1.5°可調，110°水平投射覆蓋。AS320可以獨立組成綫性陣列系統，或和多只超低頻揚聲器組成系統。多層樺木膠合板製造箱體、堅固的彈性塗層保護外殼，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。更換後面板可完成有源功放安裝。

特性：

- 高效徑向磁路設計驅動器
- 高效能三分頻綫性陣列系統
- 點聲源波導管
- 集成中高频號筒
- 多層樺木膠合板木箱
- 堅固的彈性塗層保護
- 人體工程學設計把手
- 集成吊裝和運輸裝置
- 可選購有源版本

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:

- High Frequency radial magnetic circuit driver
- High frequency of 3 ways array system
- A point source in a waveguide
- High Frequency Horn
- Multilayer birch plywood wooden cases
- Elastic coating protection
- Ergonomically designed handle
- Hoisting and transportation device
- Optional active version

Applications:

- Stadium, concert halls and theaters
- medium-large sized performances
- Mobile performance PA
- Theater

Description:

AS320 is a high performance 3-way line array, symmetrical design. Built-in 2 x 10 "low frequency unit, 2 x 8" sealed mid-frequency unit, and 2 x 1.73 "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. Intergrated aluminum flyware. Speakers vertical coupling angle is from 0° to 6°, adjustable by every 1.5°, 110° horizontal projection cover. AS320 form a line array independently or with subwoofer together. Multi-layer birch plywood for cabinet. Strong plastic paint for cabinet protection, hex hole grille stucked 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	66 Hz - 20 kHz@ (± 3 dB)
Sensitivity 靈敏度	HF 109dB, MF 110dB, LF 102dB, SPL 1W @ 1m)
Nominal Impedance 阻抗	MF/HF 16 ohms, LF 2x8 ohms
LF Power Handling 功率	LF 1400 watts (rms額定), 2800 watts (program節目), 5600 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 140 watts (rms額定), 280 watts (program節目), 560 watts (peak最大)
Maximum SPL 最大聲壓	MF 132 dB, HF 130 dB, LF 130 dB
Nominal Coverage Angle (-6 dB) 覆蓋角度	horizontal (水平) 110°
Maximum vertical splay 最大垂直角度	vertical splay (垂直) 0° ~ 9°, 每1.5° 遞進
Crossover Frequency 分頻點	MF/HF 1.2 kHz, MF/HF 350 Hz
Recommended High Pass Filter 推薦高通濾波	high pass => 80 Hz, 24 dB/butterworth

DRIVERS 驅動器

Low Frequency (neodymium magnet) 釹鐵硼低音	2 x 10 (in) 260 mm dia (直徑), 2x75 mm (3in) voice coil dia (音圈直徑)
Mid Frequency (neodymium magnet) 釹鐵硼中音	2 x 8 (in) 170 mm dia (直徑), 50 mm (2in) voice coil dia (音圈直徑)
High Frequency (neodymium magnet) 釹鐵硼高音	2 x 1.73 (in) 44 mm voice coil dia (音圈直徑), 26 mm (1in) 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/plastic paint (黑色耐磨粗點噴漆/彈性塗料)
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:	342 mm x 930 mm x 681 mm
Net Weight 重量	47 kg

Overall dimensions

