

# FNS-SERIES

## MODEL: FNS6101

2-Way Full Range Loudspeaker System 二路全頻系統



### 描述:

FNS6101是一款二頻多用途揚聲器，採用覆蓋角度為90° x 60° 橢圓形寬頻恒定指向性波導號角裝載1.73"鈦膜高頻壓縮驅動器，搭配10"低音單元組成。多角度倒相式箱體結構，穩固扎實同時具有良好的聲學特性。FNS6101可以用于語言或音樂擴聲，比如獨立的全頻系統或配合大規模的分布式擴聲系統使用，配合其它系列低音音箱，能輕易地產生更高水平的音樂節目。多角度箱體結構可以垂直或水平安裝，也可以作為返送音箱使用。FNS6101使用多層特制膠合板制造箱體、堅固環保水性塗層保護外殼，音箱採用多邊長條形網孔金屬網罩內貼聲學透聲海綿作揚聲器保護，頂底面和側後面共裝置了14顆M8吊裝螺絲，頂板配置有1個一體化金屬壓鑄把手，接線板裝有NL4并行接口。音箱底部配有支架底座。

### 特性:

- 二路全頻設計
- 多角度箱體設計
- 倒相式低頻輻射
- 穩定的性能
- 根據你的要求任意組合
- 橢圓形寬頻恒定指向性波導號角

### 應用:

- 會議中心、教堂、禮堂
- 劇場擴聲、主題公園
- 流動或固定安裝音視頻系統
- 舞臺側面補聲
- 酒吧、夜總會、俱樂部
- 小型現場擴聲

### Features:

- 2-way full range speaker
- Multi-angle enclosure
- Bass reflex
- Stable performance
- Convenience and flexible
- Oval broadband constant directivity waveguide horn

### Applications:

- Conference centers, churches, auditoriums
- Theater sound reinforcement, theme parks
- Mobile or fixed installation AV systems
- Stage side fills
- Bars, nightclubs, clubs
- Small performance PA

### Description:

FNS6101 is a functional two way full range loudspeaker, it uses 90° x 60° oval broadband constant directivity waveguide horn, which loads 1.73" titanium diaphragm HF compression driver, and 10" woofer. The box enclosure is multi-angle phase-inversed design, strong and with good acoustic feature. FNS6101 can be used for voice or music playing, such as an independent system or with the full-range of large-scale distributed system. With other subwoofers can easily make a higher level of the music programs. Polygonal box could be vertical or horizontal mounting. It can be used as stage monitor speaker. FNS6101 uses a multilayer birch plywood manufacturing cabinet, strengthen environmental coat covered. Speaker use polygon grille sticked with acoustic foam as the speaker protection. Top, bottom and side behind were installed 14 M8 screws. On top equipped with an integrated metal handle, terminal is NL4 parallel interface. There are pole hat on bottom.

## Specifications規格

### System 系統

Frequency Response 頻響	75 Hz - 19 kHz (±3 dB)
Sensitivity 靈敏度	96 dB SPL (1W @ 1m)
Nominal Impedance 阻抗	8 ohms
Power Handling 功率	400 watts (rms額定), 800 watts (program節目), 1600 watts (peak最大)
Maximum SPL 最大聲壓	122 dB
Nominal Dispersion 指向性	90° horizontal (水平), 60° vertical (垂直)
Crossover Frequency 分頻點	1.75 kHz

### Component Elements 系統組件

Low Frequency 低頻	1 x 10(in) 380 mm dia (直徑), 75mm(3in) voice coil dia (音圈直徑)
High Frequency 高頻	1 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 Plywood (特制膠合板)
Finish 表面	Wear-resistant textured black paint (環保水性黑色耐磨粗點噴漆)
Grille 面罩	Powder coated perforated steel, foam backed (鐵網、內貼透氣棉)
Rigging 懸掛	14 x M8 internal rigging points
Options 其它	1 x Integral pole mount socket (支撐座)
Input Connectors 連接器	Speakon NL4 x 2
Dimensions 尺寸 H x W x D:	530 mm x 337 mm x 315 mm
Net Weight 重量	18.25 kg

### Overall dimensions

