



# Foshan Tagngqy & Masu Studio System Co.,Ltd.

## Line Array System Series

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May 2015



# Aero Series

Aero系列音箱擅长表现语音及音乐，是剧院、会议演讲、电视直播及管弦乐团表演最为理想的选择。因其具有通透的音质、宽阔的频响、高效的功率和动态余量等优异特性，也可满足任何类型的音乐扩声。Aero系列的应用范围十分广泛，可单只或多只使用，组合出不同的阵列。

Aero系列音箱阵列模拟计算软件能预测阵列的运作性能，从而可简单并精确地规划您的扩声系统。Aero系列音箱是专为长期固定安装的演出场合而设计的，所有Aero系列的箱体及其特制的安装挂件都可订制与其室内设计相匹配的颜色，同样能在气候恶劣的环境中提供保护。

Aero series speaker box are good for performance speech and music, theatre, conference speech, television and orchestra performance. Because it have fully sound quality, wide frequency response and high efficient power and dynamic allowance superior characteristics, so that can be satisfied with any type of music amplification. Aero series use is widespread, can use one piece or more, can constitute to different array.

Aero series line array simulation software can predict array operation performance, so that can simple and accurate planning your public system. Aero series speaker is designed for long-term fixed installation performance, all Aero series of cabinet and its special installation hang can be custom-made and its interior design phase matching color, also can provide protection in any weather environment too.

## PROFESSIONAL SOUND



# Aero-12

### 结构特性:

Aero-12是一款多模式的线声源阵列扬声器，频率范围45Hz-20KHz，如果配备SUB-28系列超低音箱，低频可以扩展到25Hz。Aero-12最擅长表现语音及音乐，是剧院、会议演讲、电视直播及管弦乐团表演最为理想的选择。因其具有通透的音质、宽阔的频响、高效的功率和动态余量等优异特性，也可满足任何类型的音乐扩声。

### Structural Features:

Aero-12 is a model of line source array loudspeaker, frequency range is 45Hz-20KHz, if equipped with SUB-28 series subwoofer, low frequency can be extended to 25Hz. Aero-12 speaker box are good for performance speech and music, theatre, conference speech, television and orchestra performance. Because it have fully sound quality, wide frequency response and high efficient power and dynamic allowance superior characteristics, so that can be satisfied with any type of music amplification.

### 电性能参数 Electrical performance parameter

频率范围(±10dB) Frequency response (±10dB)	45Hz - 20 KHz
声压灵敏度(1瓦,1米) Pressure sensitivity(1 watt,1 m)	低频low frequency: 105 dB SPL 中频mid-frequency: 110 dB SPL 高频high frequency: 110 dB SPL
最大连续声压级 Maximum continuous sound pressure level	139 dB SPL
峰值声压值 Peak sound pressure level	143 dB SPL
输入阻抗 Input impedance	低频low frequency: 16 ohm 中频middle frequency: 16 ohm 高频high frequency: 16 ohm
覆盖角度(HxV)-6dB Coverage Angle (HxV) -6dB	水平: 110 °; 垂直: 10 ° Horizontal: 110 ° Vertical: 10 °
额定输出功率 Rated output power	低频low frequency: 800 W 中频middle frequency: 400 W 高频high frequency: 200 W
峰值输出功率 Peak output power	低频low frequency: 2000 W 中频middle frequency: 800 W 高频high frequency: 300 W
低频 Woofer	2x12 英寸精密低频换能器 2x12 inch precision woofer transducers
中频 Middle Frequency	1x10 英寸精密中频换能器 1x10 inch precision mid-frequency transducer
高频 High Frequency Driver	2x3 英寸精密高频驱动器 2x3 inch precision high frequency drivers
低频 Woofer Size	75mm
中频 Middle Frequency	65mm
高频 High Frequency Driver Size	75mm

### 结构特性 Structure and characteristics

箱体 BOX	内部加固的18mm 厚桦木多层板 Interior reinforced 18 mm thick birch plywood
连接器 Connectors	2 只 8 针PA-COM插座 2 Pcs 8-hole PA-COM plugs
箱体表面处理 Cabinet surface	标准色为黑色，五层水溶漆覆盖 standard colour is black colour, Five layer water soluble paint/Covers
保护格栅 Protective grille	1.5mm 厚的透声孔钢板 1.5mm thick sound-transparent holes steel plate
体积(宽x深x高) Dimensions (WxDxH)	1000mm x 541mm x 367mm
重量 weight	81 公斤 81 kg





Aero-12LAP



Aero-12SP

**结构特性:**

Aero-12LAP是采用轻量设计的由12"低音1.2"高音组成的二分频阵列系统,当使用场地的高度有限而又需要声场均匀、音质通透、人声饱满而圆润时Aero-12LAP是最佳的选择。新型的外观设计使其结构紧凑而安装快捷方便,同时更节约使用成本。配备Aero-12SP次低频音箱同时使用可使频响更宽低音更强劲有力。

**Structural Features:**

Aero-12LAP adopt lightweight design, two way line array composed by 12" woofer and 1.2" tweeter. It is the best choice for the place with limited height but need even, transparent sound, and full round voice. New exterior design makes its structure compact and its install quickly and easily, also makes the cost much lower. Used with the Aero-12SP woofer speaker can have the stronger and wider voice frequency.

**结构特性 Structure and characteristics**

箱体 BOX	内部加强的18mm厚桦木多层板 Interior reinforced 18 mm thick birch ply wood
连接器 Connectors	2只4针PA-COM插座 2 Pcs 4-hole PA-COM plugs
箱体表面处理 Cabinet surface	标准色为黑色,五层水溶漆覆盖 standard colour is black colour, Five layer water soluble paint covers
保护格栅 Protective grille	1.5mm厚的透声孔钢板 1.5mm thick sound transparent holes steel plate

**电性能参数 Electrical performance parameter**

型号 Model	Aero-12LAP	Aero-12SP
频率范围(±10dB) Frequency response (±10dB)	57Hz - 20 KHz	42Hz - 300 Hz
声压灵敏度(1瓦,1米) Pressure sensitivity(1 watt, 1 m)	低频low frequency: 102 dB SPL 高频high frequency: 108 dB SPL	99 dB SPL
最大连续声压级 Maximum continuous sound pressure level	136 dB SPL	123 dB SPL
峰值声压级 Peak sound pressure level	140 dB SPL	126 dB SPL
覆盖角度(HxV)-6dB Coverage Angle (HxV)-6dB	水平: 110°; 垂直: 10° Horizontal: 110° Vertical: 10°	----
额定输出功率 Rated output power	低频low frequency: 400 W 高频high frequency: 150 W	600 W
峰值输出功率 Peak output power	低频low frequency: 850 W 高频high frequency: 280 W	1200 W
低频 Woofer	1x12英寸精密低频换能器 1x12 inch precision woofer transducer	1x18英寸精密低频换能器 1x18 inch precision woofer transducer
高频 High Frequency Driver	3x1.2英寸精密高频驱动器 3x1.2 inch precision high frequency drivers	----
低频 Woofer Size	75mm	100mm
高频 High Frequency Driver Size	28.5mm	----
体积(宽x深x高) Dimensions (WxDxH)	595mm x 380mm x 343mm	595mm x 750mm x 543mm
重量 weight	24公斤 24 kg	46公斤 46 kg



LA

系列 Series

London

LA系列线阵扬声器,采用独特的箱体设计,使声干涉到最低。水平覆盖均匀、垂直指向性强、辐射区内声能衰减较小。其显著特点是安装快速,降低工作量,同时提供精准的声音表现。LA系列是内置分频器设计,更高的性价比。LA系列适用于演唱会、流动演出、体育场、剧院、及多功能厅堂等。

LA series line array speakers, adopt unique cabinet design, make the noise interference to a minimum. Level of coverage uniformity, strong vertical directivity, the sound energy decay radiation zone is smaller. Its marked characteristics is to install fast, reduce the workload, and provide accurate sound performance. LA series is built-in divider. LA series is suitable for the concert, flow performances, stadiums, theatres, and multi-function hall, etc.



PROFESSIONAL SOUND



## LA-12VX

### 结构特性:

LA-12VX是一款多模式的线声源阵列扬声器，频率范围50Hz-20KHz，如果配备UKS-28超低音箱，低频可以扩展到25Hz。LA-12VX是一款三分频系统，配备低音1×12"传感器和1×12"中频传感器及3"锥膜高频单元与DOSC导波管圆耦合，4点悬挂系统牢固稳定。

### Structural Features:

LA-12VX is a model of line source array loudspeaker, frequency range is 50Hz-20KHz, if equipped with UKS-28 subwoofer, low frequency can be extended to 25Hz. LA-12VX is a 3 ways speaker box, equipped with 1×12" bass 1×12" middle frequency transfer driver and 3" high-frequency unit and DOSC waveguides complete coupling, 4 point hanging system strong stability.

电性能参数 Electrical performance parameter	
频响范围(±10dB) Frequency response (±10dB)	50Hz - 20 KHz
声压灵敏度(1瓦,1米) Pressure sensitivity(1 watt.1 m)	低频low frequency: 101 dB SPL 中频mid-frequency: 101 dB SPL 高频high frequency: 106 dB SPL
最大连续声压级 Maximum continuous sound pressure level	128 dB SPL
峰值声压级 Peak sound pressure level	131 dB SPL
输入阻抗 Input impedance	8 ohm
覆盖角度(HxV) -6dB Coverage Angle (HxV) -6dB	水平: 90°; 垂直: 30° Horizontal: 90° Vertical: 30°
额定输出功率 Rated output power	低频low frequency: 400 W 中频middle frequency: 400 W 高频high frequency: 100 W
峰值输出功率 Peak output power	低频low frequency: 800 W 中频middle frequency: 800 W 高频high frequency: 150 W
低频 Woofer	1x12 英寸精密低频换能器 1x12 inch precision woofer transducer
中频 Middle Frequency	1x12 英寸精密中频换能器 1x12 inch precision mid-frequency transducer
高频 High Frequency Driver	1x3 英寸精密高频驱动器 1x3 inch precision high frequency driver
低频 Woofer Size	75mm
中频 Middle Frequency Size	75mm
高频 High Frequency Driver Size	75mm
结构和特性 Structure and characteristics	
箱体 BOX	内部加固的18mm 厚高强度层压板 Interior reinforced 18 mm thick birch plywood
连接器 Connectors	2 只 4 针PA-COM插座 2 Pcs 4 -hole PA-COM plugs
箱体表面处理 Cabinet surface	标准色为黑色，专业环保点状漆覆盖 standard colour is black colour, professional no environment pollution paint/Covers
保护格栅 Protective grille	1.2mm 厚的透声孔钢板 1.2mm thick sound-transparent holes steel plate
体积(宽x深x高) Dimensions (WxDxH)	1000mm x 550mm x 375mm
重量 weight	48 公斤 48 kg

## LA-10VX

### 结构特性:

LA-10VX 音箱采用无源两分频设计，分别配有2只10寸低音单元和1只2寸高音压缩式单元，其高音单元还附带了环形导波装置，以获得一个75°的水平散射角度。位于箱体两侧各一只10寸低音单元，即使在较低频率时仍能精确地控制散射角度，这样即使400Hz以上的频率也能有效的控制在75°的散射角度以内。

### Structural Features:

LA-10VX speaker use passive two ways design, which is equipped with two 10 inch bass unit and one 2 inch tweeter unit, the tweeter also carries a circular wave guide device, to obtain a 75° level scattering Angle. Two 10 inch woofer install into the cabinet, even in the low frequency case still can control of the scattering Angle accurately, even more than 400Hz can also be effective control in the 75° scattering Angle.

结构和特性 Structure and characteristics	
箱体 BOX	内部加固的18mm 厚高强度层压板 Interior reinforced 18 mm thick birch plywood
连接器 Connectors	2 只 4 针PA-COM插座 2 Pcs 4 -hole PA-COM plugs
箱体表面处理 Cabinet surface	标准色为黑色，专业环保点状漆覆盖 standard colour is black colour, professional no environment pollution paint/Covers
保护格栅 Protective grille	1.2mm 厚的透声孔钢板 1.2mm thick sound-transparent holes steel plate

## LA-10VXSUB

电性能参数 Electrical performance parameter		
型号 Model	LA-10VX	LA-10VXSUB
频响范围(±10dB) Frequency response (±10dB)	50Hz - 20 KHz	35Hz - 350 Hz
声压灵敏度(1瓦,1米) Pressure sensitivity(1 watt.1 m)	低频low frequency: 103 dB SPL 高频high frequency: 107 dB SPL	105 dB SPL
最大连续声压级 Maximum continuous sound pressure level	127 dB SPL	132 dB SPL
峰值声压级 Peak sound pressure level	130 dB SPL	135 dB SPL
输入阻抗 Input impedance	8 ohm	4 ohm
覆盖角度(HxV) -6dB Coverage Angle (HxV) -6dB	水平: 90°; 垂直: 30° Horizontal: 90° Vertical: 30°	----
额定输出功率 Rated output power	低频low frequency: 500 W 高频high frequency: 100 W	1000 W
峰值输出功率 Peak output power	低频low frequency: 800 W 高频high frequency: 150 W	2000 W
低频 Woofer	2x10 英寸精密低频换能器 2x10 inch precision woofer transducers	2x15 英寸精密低频换能器 2x15 inch precision woofer transducers
高频 High Frequency Driver	1x2 英寸精密高频驱动器 1x2 inch precision high frequency driver	----
低频 Woofer Size	65mm	100mm
高频 High Frequency Driver Size	51mm	----
体积(宽x深x高) Dimensions (WxDxH)	905mm x 500mm x 315mm	905mm x 500mm x 495mm
重量 weight	28 公斤 28 kg	60 公斤 60 kg





LA-8VX



LA-8VXSUB

**结构特性:**

LA-8VX音箱采用内置两分频设计, 分别配有2只8寸低音单元和1只1.75寸高音压缩式单元, 采用成熟的LCR分频器技术, 有效地把频宽设定在60Hz-20KHz, 具有通透的音质, 人声饱满而圆润, 配合精致而有特色的外观设计特别适合于用于会议室、多功能厅等语言使用较多的场合。

**Structural Features:**

LA-8VX is a two ways speaker box, equipped with 2x8 inch woofers and 1.75 inches tweeter compression drive, and use mature LCR divider technology, setting the bandwidth in 60 Hz - 20 KHz effectively, make the sound smooth and nice. Match with the especial outlook, it is suitable for senior business club, council-chamber, etc

**结构和特性 Structure and characteristics**

箱体 BOX	内部加固的18mm厚高强度层压板 Interior reinforced 18 mm thick birch plywood
连接器 Connectors	2只4针PA-CCM插座 2 Pcs 4-hole PA-CCM plugs
箱体表面处理 Cabinet surface	标准色为黑色, 专业环保点状漆面 standard colour is black colour, professional no environment pollution paint/Covers
保护格栅 Protective grille	1.2mm厚的透声孔钢板 1.2mm thick sound-transparent holes steel plate

电性能参数 Electrical performance parameter		
型号 Model	LA-8VX	LA-8VXSUB
频率范围(±10dB) Frequency response (±10dB)	60Hz - 20 KHz	35Hz - 300 Hz
声压灵敏度(1瓦1米) Pressure sensitivity(1 watt, 1 m)	低频low frequency: 101 dB SPL 高频high frequency: 105 dB SPL	100 dB SPL
最大连续声压级 Maximum continuous sound pressure level	125 dB SPL	125 dB SPL
峰值声压级 Peak sound pressure level	128 dB SPL	128 dB SPL
输入阻抗 Input impedance	8 ohm	8 ohm
覆盖角度(HxV) -6dB Coverage Angle (HxV) -6dB	水平: 90°; 垂直: 30° Horizontal: 90° Vertical: 30°	----
额定输出功率 Rated output power	低频low frequency: 400 W 高频high frequency: 100 W	600 W
峰值输出功率 Peak output power	低频low frequency: 600 W 高频high frequency: 150 W	1000 W
低频 Woofer	2x8英寸精密低频换能器 2x8 inch precision woofer transducers	1x18英寸精密低频换能器 1x18 inch precision woofer transducer
高频 High Frequency Driver	1x1.75英寸精密高频驱动器 1x1.75 inch precision high frequency driver	----
低频 Woofer Size	50mm	100mm
高频 High Frequency Driver Size	44mm	----
体积(宽x深x高) Dimensions (WxDxH)	743mm x 370mm x 270mm	743mm x 590mm x 520mm
重量 weight	20公斤 20 kg	50公斤 50 kg

PROFESSIONAL SOUND



**LSA** 系列 Series

LSA系列是采用3分频设计的中程扬声器, 采用号角式设计的高音和中音使声音传得更远的同时保持高频清晰细腻、中频穿透力好、低频强劲有力、声音分析力高。特别适用于高档多功能厅堂、剧院等场所。

LSA series is a 3 ways speaker box, Use the tenor and the alto horn type design make clear voice transmission further while keep high frequency fine, medium frequency, low-frequency strong penetrating power, high sound analytical ability. Especially suitable for top-grade multi-functional halls, theaters and other places.