

## SUP-8M&SUP-SUB2系统描述:

系统特点:

SUP-8M是SUP家族中又一款更高效率的紧凑型线性阵列音箱。它是由6个高音、8个中音、1个15寸低音单元组成；在SUP家族中效率和功率更胜一筹。多单元系统构成，更体现了它的与众不同；不同的箱体内部结构、不同单元配置、不同的声学原理；3个不同特征的有机优化组合，组合成更有个性化，专业化的产品。同时它也拥有SUP家族系列音箱共同的特点。与其他SUP家族系列音箱一样，SUP-8M也是内置大功率三分频系统，在相同的条件下与外置分频网络系统相比所用功放数量要少用三分之二，它最小的租赁扩声单位是2只SUP-8M一台功放，无需处理器，从灵活的角度而言，这是外置分频线性阵列无法比拟的。另外，SUP-8M也可以与超低音箱SUP-SUB2配套使用，植入一台处理器构成外置两分频系统（这样一来四分频系统就变为了两分频系统）。在实际应用中为调音师提供了一个专业发挥的空间，同时也减少了系统出错的机率。从而使系统更加稳定。其卓越的表现力，极高的性价比；实为流动演出的不二选择。

箱体结构:

其箱体采用优质的多层实木夹板，箱体表面处理采用环保（ROHS）的化工材料----全天候水性油漆；喇叭单元采用国外知名公司的产品有机优化组合，钕磁和高性能铁氧体喇叭单元组合成大功率户外演出产品。

安装方式:

SUP-8M& SUP-SUB2有两种安装方式：一种是采用优质T6061的铝型材吊装。另外，也可以多只堆叠在SUP-SUB2超低音音箱顶部。

系统应用及注意事项:

SUP-8M与超低音箱SUP-SUB2的配套使用，即可用于大型的流动演出，也可用于剧院、剧场、体育场馆等场所的固定安装。在实际使用过程中由于单只音箱功率较大根据系统要求**必须遵守一台功放驱动两只SUP-8M音箱的规定**。绝不可以一台功放驱动多只音箱。在系统使用过程中**严禁信号失真或过载**，否则将会对系统造成严重损毁。



# SUP SERIES

## SUP-8M & SUP-SUB2

### SUP-8M、SUP-SUB2 System Description

#### System Features:

SUP-8M is a more efficient compact line array speaker in SUP family. SUP-8M is composed of **six** HF drivers, **eight** MF drivers, and **one 15"** LF unit; It is superior efficiency and power in SUP family. Multi-unit system configuration that reflects distinctive features; different enclosure internal structures, different unit configurations, different acoustics principle; organic optimal combination of **three** different features, combined into a more personalized and professional products. It also has a SUP family of speaker series common characteristics. Same as other SUP family speakers, SUP-8M is also a built-in passive filter high-power three-way system, compared with active control unit Bi-amp network system as the number of amplifiers used less two second under the same conditions, the smallest rent sound reinforcement unit is two SUP-8M, an amplifier, without processor, from a flexible point of view, this is active control unit Bi-amp line array incomparable. In addition, SUP-8M is supporting the use of SUB SUP-SUB2 as well, with **one** set processor constitute active control unit Bi-amp two-way system (such four-way system to be divided becomes two-way system). In practice, provides professional space for tuner, but also reduce the chance of system failure, thereby making the system more stable. Its excellent performance and cost-effective become the real choice for touring.

#### Enclosure structure:

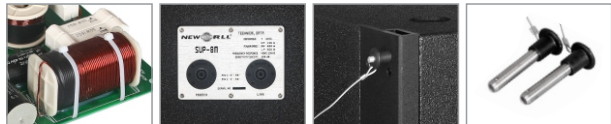
Enclosure is built with high quality multi-layer in 18mm plywood. Using environmentally-friendly (ROHS) chemical materials for enclosure surface treatment, all-weather water-based paint. Speaker unit using well-know foreign company's product for organic optimization, Neodymium magnet and high-performance magnet unit combined into high power outdoor touring products.

#### Installation method:

There have two installation methods for SUP-8M & SUP-SUB2. One is using high quality aluminum T6061 profiles for lifting. The other is can be more than just stacked on top of SUB SUP-SUB2.

#### System applications and Notice:

SUP-8M is supporting the use of SUB SUP-SUB2; this system is suitable for Large Concerts Touring, but also fixed installation for Theater, Church, and Stadium etc. In actual use, due to one piece speaker with high power, according to system requirements must comply with one piece power amplifier drive two pieces SUP-8M speakers' regulations. You cannot use one piece power amplifier drive more speakers. During the process of using system forbid signal distortion and overload, otherwise it will cause serious damage to the system.



## SUP 系列紧凑型线性阵列系统

### — SUP-8M

#### 系统配置

扬声器系统结构:	全频音箱内置3分频，外置2路分频系统	
扬声器型号及数量:	SUP-8M SUP-SUB2	20只 16只
可调角度:	8只SUP-8M音箱0°~24°可调	
功率放大器:	SUP-8M: 2x1500W SUP-SUB2: 2x1500W	10台 8台
音箱处理器:	DP448	3台
线材:	4M <sup>2</sup> ×4芯专业音箱工程电缆线	
附件:	10U功放机柜	9个
	SUP-8M航空箱	20个
	SUP-SUB2航空箱	16个

技术说明:  
此方案适合大型演出活动，增加中置是为了满足由于现场舞台过于宽大而造成参演者和中前场观众对扩声要求的不足；建议使用距离为200米以上，使用人数约为30000人。

#### System Configuration

Loudspeaker system structure:	Full range speaker with built-in passive filter 3-way, active control unit Bi-amp 2-way system
Speaker model and quantity:	SUP-8M 20pcs SUP-SUB2 16pcs
Adjustable angle:	adjustable angle 0° ~ 24° between 8 pieces speaker SUP-8M
Power amplifier	SUP-8M: 2x1500W 10sets SUP-SUB2: 2x1500W 8sets
Processor:	DP 448 3sets
Speaker cable:	4M <sup>2</sup> x4 core professional speaker engineering cable
Accessories:	10U amplifier rack 9pcs SUP-8M flight case 20pcs SUP-SUB2 flight case 16pcs

Technical note:  
This scheme is suitable for large-sized concerts touring, the increase in the middle line array is to meet the requirement of sound reinforcement as a result of live stage too big that cause actors and in the front court audience lack of sound reinforcement; recommendations apply to more than 200 meters away, using about 30000 audiences.

