



# SUP-1、SUP-2&SUP-SUB2系统描述:

## 系统特点:

SUP-1&SUP-2是一款紧凑型线性阵列音箱;同时也是在SUP家族中最早问 世,应用最广的产品。SUP-1由1个75芯高音、4个中音、1个15寸低音单元组 成; SUP-2由3个高音、4个中音、1个15寸低音单元组成; SUP-1是近程线性 音箱,SUP-2是远程线性音箱。与其它传统的线性阵列音箱相比,在SUP家族 中它们最早体现了体积小、重量轻、功率大、效率高、应用灵活的特点; 其远 近程音箱组合使用, 能产生美轮美奂的声场效果; 并以其独特和精湛的设计受 到了广大客户的好评。近十年来,**尼沃**的工程师不断的对**SUP-1&SUP-2**进行 创新升级;应广大客户不同的需求,**尼沃**的工程师还研发出了体积更小、重量 更轻的SUP-6M系列和效率更高的SUP-8M系列。从而形成了庞大的SUP家 族。SUP-1&SUP-2还有另外一个重要的特点是在SUP家族中首创了内置大功 **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-1或2只SUP-2,一台功放,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-1&SUP-2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 加的稳定。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

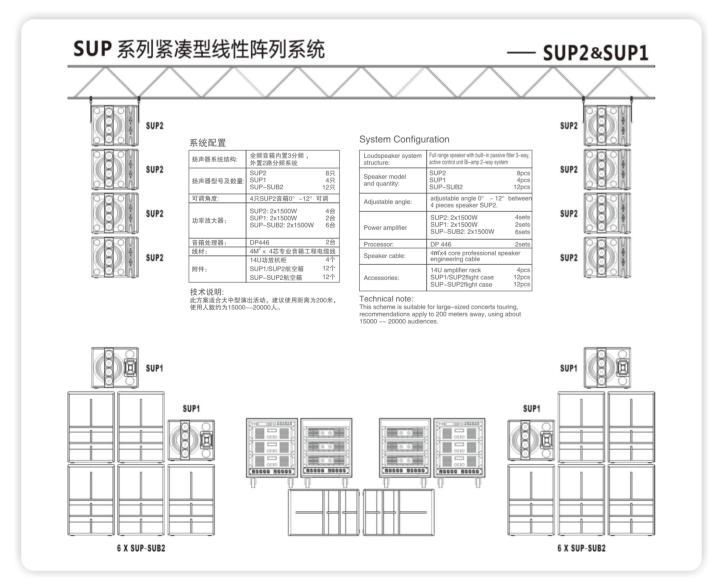
料--全天候水性油漆;喇叭单元采用国外知名公司的产品有机优化组合,钕磁 和高性能铁氧体单元组合成大功率自外演出产品。

安装方式: SUP-1、SUP-2&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

## 系统应用及注意事项:

SUP-1&SUP-2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-1&SUP-2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-1、SUP-2&SUP-SUB2 System Description

#### **System Features:**

SUP-1 & SUP-2 is a compact line array speaker; also came first in SUP family, the most widely used products. **SUP-1** is composed of **one** HF driver with VC  $\Phi$  **75mm**, four MF drivers, and one 15 " LF unit; SUP-2 is composed of three HF drivers, four MF drivers, and one 15 " LF unit; SUP-1 is a short throw line array speaker, SUP-2 is a long throw line array speakers. Compared with other traditional line array. In SUP family they first embodies the characteristics of small size, light weight, high power, high efficiency, flexible application; its short throw and long throw line array speakers used in combination, can produce beautiful sound field effects; and its unique and exquisite design praised by the majority of customers. Over the past decade, Neworll engineers constantly on the SUP-1 & SUP-2 innovation upgrade; in order to different requirement for customers, Neworll's engineers also developed a smaller, lighter weight SUP-6M Series and more high efficiency SUP-8M series. Thereby, it is forming a big SUP family. SUP-1 & SUP-2 There is another important feature is the first with built-in passive filter high-power three-way system in SUP family, compared with active control unit Bi-amp network system as the number of amplifiers used less two thirds under the same conditions, the smallest rent sound reinforcement unit is two pieces SUP-1 or two pieces SUP-2, one set amplifier. without processor, from a flexible point of view, this is active control unit line array incomparable. In addition, SUP-1 & SUP-2 is supporting the use of SUB SUP-SUB2 as well, with one set processor constitute an 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 a tuner, but also reduce the chance of system failure. thereby making the system more stable. Its excellent performance and preferential price became 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-1, SUP-2&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 application and Notice:**

SUP-1 & SUP-2 is supporting the use of SUB SUP-SUB2; this system is suitable for Large Concerts Touring, but also fixed installation for Theater, Church, Stadium, etc. In actual use, due to one piece speaker with high power, according to system requirements must comply with one set power amplifier drive two pieces SUP-1 or SUP-2 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-T







SUP-1

SUP-2

SUP-SUB2

## **TECHNICAL INFORMATION**

Model Power-Watts Sensitivity(dBSPL 1W/1M) Impedance(ohms) Frequency Response Average Dispersion Loudspeaker and Loading LF HF MF Weight(Kg) Dimensions(W $\times$ D $\times$ H) Packing(W $\times$ D $\times$ H)

SUP-1 1000W(RMS)/250W(PGM) 102dB(1W/1M)  $4\Omega$ 50Hz-20KHz

120° × 60°

1×15" High pass vented box 1×1.5" Exit horn loaded 4×4"High pass vented box 38Kg

600×717×516mm 700×817×616mm SUP-2 1100W(RMS)/2750W(PGM)

104dB(1W/1M)  $4\Omega$ 50Hz-19KHz

90° ×5°

1×15" High pass vented box 3×1" Exit horn loaded 4×4" High pass vented box

40Kg 600×717×516mm 700×817×616mm SUP-SUB2

1000W(RMS)/2500W(PGM) 99dB(1W/1M) 8Ω

30Hz-180Hz

1×18" High pass vented box

55Kg

600x850x921mm 700x950x1020mm

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