



LA系列系统描述

系统特点:

LA系列是**展迅电声科技**针对高端娱乐及精典演艺的代表作之一;它们是内置二 分频系统。利用先进箱体(LEAP)设计软件和(LMS)音频测试系统对箱体 结构和喇叭单元的电声参数都做了详细的理论测算; 打造出了这一系列外形精 美曲线流畅、音色甜美、音质清脆的精品。是高端演艺、娱乐的不错选择。多 边形的外观结构设计既可做主扩声,亦可做返送音箱。为了研发这个精品系 列,尼沃的工程师颇费周折费尽心思;主要体现在以下几个方面:1、选料 精;箱体板材是选用上好的桦木夹板,喇叭单元是从众多全球知名厂商中遴选 出来的,分频器电容采用的是世界知名的苏伦电容。电阻全是无感电阻。2、 制作精;箱体是数控加工中心一气呵成,保证了产品的加工精度。3、技术 精;是利用先进的计算机设计软件和测试分析软件加上扎实的电声基础和丰富 实践经验研制而成。

系统应用及配置:

LA-212是由1只44芯高音,1只12寸75芯低音单元构成;该箱阻抗为8欧姆、额 定功率为400W。LA-215是由1只75芯高音,1只15寸75芯低音单元构成:该箱 阻抗为8欧姆、额定功率为500W。LA-18&LA-218是与LA-212&LA-215配套使 用的超重低音. LA-18是由1只18寸100芯高性能铁氧体低音单元构成: 该箱阻 抗为8欧姆、额定功率为600W。LA-218是由2只18寸100芯高性能铁氧体低音 单元构成:该箱阻抗为4欧姆、额定功率为1200W。在应用中根据使用场所的 实际需求,优选合适的音箱(LA-212\LA-215)组合,达到所需的效果。另 外, LA-212&LA-215也可以与LA-18&LA-218超低音箱配套使用, 植入一台处 理器构成外置两分频系统。在实际应用中为调音师提供了一个专业发挥的空 间。在系统搭配上注意功放与音箱阻抗之间的匹配;避免系统匹配出现错误, 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。

箱体结构:

LA系列产品采用优质的18mm多层实木夹板,箱体表面处理采用环保 (ROHS)的水性油漆,外表坚固耐用。箱体颜色以白色为主,也可以根据客 户要求定做。(LA系列正常标配为白色,需要特殊颜色时须与业务人员特别说

吊装方式:

LA系列全频音箱顶部飞机条,两侧面有羊眼圈吊点; 既可以垂直吊装, 也可以 水平吊装。

应用范围:

广泛的应用于剧院、剧场、多功能厅、高档会议室、等场所。该产品也适用于 高档酒吧、夜总会、会所等场所。





系统配置

	扬声器型号及数量	LA-215 LA-218	4只 2只
	功率放大器	2x900W/8 Ω 2x1500W/8 Ω	2台 1台
	音箱处理器	DP446	1台
	手持无线话筒	SLX24/BETA58	2套
	调音台	GL2400 24路调音台	1台
	线材	4m²*2芯专业音响工程电缆线	



此套音响系统适用于高定位的酒吧、慢摇吧等 娱乐场所、根据具体使用面积选配音响数量。







LA Series System Description

System features:

LA series is one of the masterpieces of Newshow Electroaccoustic Co., Ltd for high-end entertainment and classical performing; they are built-in passive filter twoway system. We have done detailed theoretical calculations by using advanced box (LEAP) design software and (LMS) audio test system for cabinet construction and electro-acoustic parameters of speaker unit. These series speakers are with beautifully appearance, smooth curve and sweet timbre. This series is a good choice for high-end performance and entertainment. Polygon exterior design can use to be main sound reinforcement and monitor. In order to develop this exquisite series, Neworll engineers is painstaking working; mainly in the following aspects: 1, the choice of high-grade materials; good birch plywood for enclosure board; the speaker unit from many world-renowned manufacturers were selected out; crossover capacitance is used world-renowned suellen capacitance. No sense of resistance, 2. precise making; enclosure is wrapped by CNC machining centers to ensure the accuracy of product processing. 3, precise technology developed by the use of advanced computer design software, test analysis software, solid electroacoustic foundation and rich practical experience.

System application and configuration:

LA-212 is composed of one HF driver with VC Ф44mm, one 12 " LF unit with VC Φ75mm; The speaker impedance is 8 ohms, rated power is 400W. LA-215 is composed of one HF driver with VC Φ75mm, one 15 " LF unit with VC Φ75mm; The speaker impedance is 8 ohms, rated power is 500W. Super bass LA-18&LA-218 is supporting the use of LA-212&LA-215. LA-18 is composed of one 18inch LF unit with VC Φ100mm and high-performance magnet; This speaker impedance is 8 ohms, rated power is 600W. LA-218 is composed of two 18 inch woofers with VC Φ100mm and high-performance magnet; This speaker impedance is 4 ohms, rated power is 1200W. In the application, according to the actual demand of use place, selecting appropriate speakers (LA-212\LA-215) combination to achieve the desired effect. In addition, LA-212&LA-215 is supporting the use of Super Bass LA-18&LA-218, with one set processor constitute an active control unit Bi-amp two-way system. In practice, provides professional space for tuner. So pay attention to the system matching between the amplifier and speaker impedance; avoid system matching error, during the process of using system forbid signal distortion and overload, otherwise it will cause serious damage to the system.

Enclosure structure:

LA series speaker of enclosure is built with high quality multi-layer in 18mm plywood. Using environmentally-friendly (**ROHS**) chemical materials and water-based paint for enclosure surface treatment, solid and durable surface. Main color is white for speaker, can also be customized according to customer's requirements. (LA Series normal standard for white color. you must confirm with sales person for special instructions when you needed.)

Installation method:

LA series full-range speaker is with fly accessory on the top, with lifting point of claw ring on both sides; both vertical lifting and horizontal lifting.

Widely used in Theater, Multi-function room, high class Conference room and other places. This product is also suitable for high-end Bar, Nightclub, Chamber and other entertainment places.



LA-218





LA-18





LA-212

LA-215

1200W (RMS)/3000W(PGM)

TECHNICAL INFORMATION

Mode	al.
	•
Powe	er-Watts
Sensi	itivity(dBSPL 1W/1M)
Imped	dance (ohms)
Frequ	iency Response
Avera	age Dispersion
Louds	speaker and Loading
l F	
HE	
Weigh	ht(Ka)

Dimensions (WxDxH)

Packing (WxDxH)

LA-212 400W(RMS)/1000W(PGM) 98dB(1W/1M) 8Ω 45Hz-20KHz 90° ×90° 1×12"

High pass vented box 1×1"Exit horn loaded 22Ka 375×375×610mm

445×445×700mm

LA-215 500W(RMS)/1250W(PGM) 99dB(1W/1M) 45Hz-20KHz

90° ×90°

1×15" High pass vented box 1×2"Exit horn loaded 41Ka 470×495×760mm

560×585×850mm

LA-18 600W (RMS)/1500W(PGM) 99dB(1W/1M)

8Ω 35Hz-160Hz Quasi-omnidirectonals

1×18" High pass vented box 45Kg

542×780×561mm

642×880×661mm

High pass vented box

2×18"

LA-218

 4Ω

101dB(1W/1M)

Quasi-omnidirectonals

1170×880×660mm

30Hz-160Hz

87Kg 1066×780×561mm

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