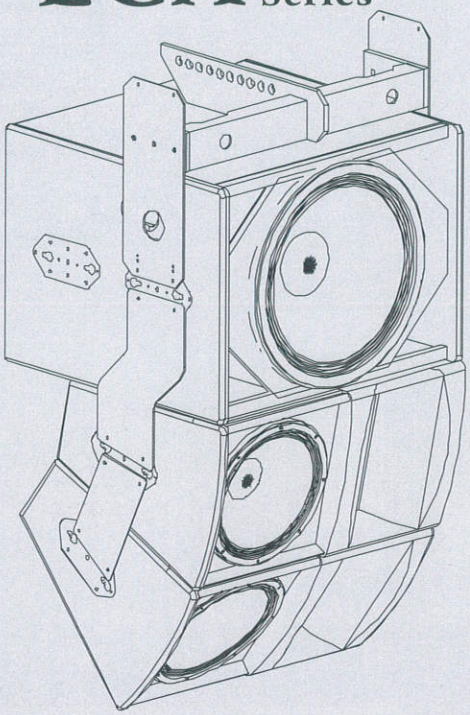
LCA Series



LCA-12可以水平使用，也可以垂直使用，吊挂或者地面叠放皆可
The LCA-12 can be used horizontally or vertically, flown or groundstacked.

LCA-12

2-Way Arrayable Loudspeaker Point Source Systems

两分频阵列扬声器（全新定义：水平点声源系统）

No one can do every job with only a single tool, no matter how useful it is. In sound reinforcement, the vertical line array has found great popularity in recent years for a number of good reasons. But Real Sound looks further, so we built a line of great self-powered curvilinear array loudspeakers, and then turned our attention towards the other major tool in the live sound toolbox: horizontal arrays.The introduction of the Real Sound series redefines point source systems and sets the new standard in the 21st century.

The LCA-12 arrayable loudspeaker combines Meyer Sound's famed clarity of sound and robust, performance with our latest breakthroughs in horn design, rigging and loudspeaker control to produce an extremely easy-to-use, highly versatile arrayable loudspeaker system powerful enough to act as a main system, but flexible enough to serve in any number of supporting roles—whether horizontal or vertical, flown or stacked. With the level of performance and flexibility, the JM-1P is a wise investment that has a place in every job and on every tour.

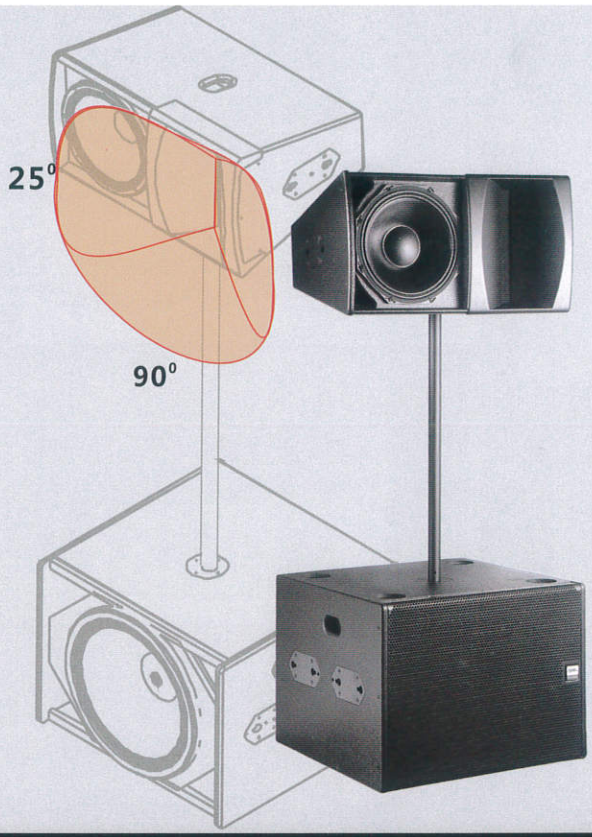
Real Sound defined the point source array with the classic LCA-12 in 1999, LCA-12 remains one of our top sellers today. With the tremendous technology advances of the last 12 years built into the LCA-12, we are redefining point source systems.

无论一个工具有多好用，也很难完成所有任务。在最近几年的扩声领域，由于种种的优点，垂直线阵列广受欢迎；但是Real Sound(瑞耳嗓)看得更远，我们不仅建立了全线强大的水平曲线阵列扬声器，更把注意力投向了现场扩声的另一个主要工具—水平阵列。LCA系列重新定义了点声源系统，为21世纪带来新的点声源系统标准。

LCA-12阵列扬声器融合了众多优点：Real Sound(瑞耳嗓)引以为傲的清晰的声音、强劲的功率、自带功放、最新的号角设计、方便易用的吊挂和扬声器控制，可以适用于丰富多样的阵列应用。它不仅功率强大，可以充当主扩系统，而且非常灵活，足以胜任各种辅助应用；不管是水平还是垂直，不管是吊挂还是叠放，LCA-12都能应付自如。它拥有一流的表现和灵活性，在多种不同的应用和流动演出中也能发挥光芒，绝对是值得投资的工具。

Real Sound(瑞耳嗓)用经典的LCA-12诠释了点声源阵列；至今LCA-12仍然是我们最畅销的扬声器之一。LCA-12运用了最近十二年来最先进的技术，重新诠释了点声源系统。

- **Tight-packing results in cleaner sightlines and neater appearance, and eliminates angle setting**
- **紧凑的设计、优美的线条、无需角度设置即可安装。**
- **The new horn design in the LCA-12, combined with Real Sound's patented REM ribbon emulation manifold, yields extremely tight pattern control.**
- **相对于传统的点阵列，LCA-12使用的吊挂件轻巧而简单，安装吊挂LCA-12容易且迅速。**
- **While the LCA-12 provides an outstanding main system in small to medium venues,it is also an excellent choice to provide center or sidefill support in larger systems.**
- **LCA-12不仅给中小型场合提供优秀的主扩系统，而且它能够在大型系统中作中区或者侧区补声，同样胜任。**



Applications

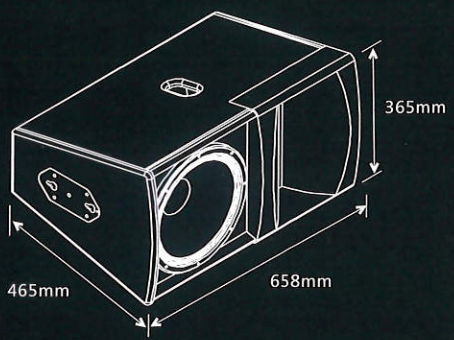
•Theatres and theatrical sound reinforcement
• Houses of worship
•Portable and installed AV systems
•Center and sidefill in large-scale systems
Concert Halls
•Distributed systems in stadiums and theme parks
•Nightclubs

应用

•剧场扩声
•大型集会场
•流动和固定AV系统
•大型系统的中区和侧区补声
•演艺中心及多功能厅
•主题公园、体育馆的分布式系统
•酒吧及俱乐部
•固定安装

LCA Series	LCA-12
Configuration	2-Way line source loudspeaker
Components LF	1x12inch(75mm voice coil)weather-resistant
HF	1x3inch(75mm voice coil)diaphragm compression driver
Power rating LF	400w AES/1600w Peak
HF	100w AES/400w Peak
Frequency response(±3dB)	55Hz-20KHz
Sensitivity 1m/1w LF	98dB/132dB
HF	110dB/136dB
Nominal impedance	8Ω
Cabinet/channel QD-5+	4
Dispersion(HxV)	90°x25°
Crossover points	Bi-amp 70Hz, 1.2kHz

Connectors	2xNeutrik NL4 Speakon
Enclosure	15mm 9-ply birch plywood
Dimensions mm(HxWxD)	365x658x465
Dimensions inch(HxWxD)	14.35x25.93x18.32
Weight kg	35
Option Special Colour	yes
Option Weather Resistant	yes
Optional Fixed or Mobile	yes
Installation Accessories	



Features & Benefits

•Applies modern technology to overcome historical point source array limitations
•Tight-packing results in cleaner sightlines and neater appearance, and eliminates angle setting
•Each LCA-12 cabinet utilizes an REM and horn for precise 25° horizontal coverage in tight-packed arrays
•Exceptional size-to-power ratio; easily powerful enough to use for main system, delay stacks, or fill duties
•QuickFly rigging offers flexibility of both horizontal and vertical arrays, with option to fly or groundstack
•Consistent and predictable array performance ensures accurate system design

功能与优点

•运用现代技术，克服传统点声源阵列的局限
•紧凑的设计、优美的线条、无需角度设置即可安装
•每只LCA都采用了REM（带状仿真波导技术）和号角，以达到在紧凑阵列中精准的25°水平覆盖角
•体积小、功率大，轻松胜任主扩系统、延时系统或者补声系统
•QuickFly吊挂系统满足垂直和水平阵列所需的灵活性，可吊挂或地面叠放
•稳定且可预见的阵列性能，保证精确的系统设计