Kmax Series

Applications
- Large theater Cinema
- Large auditorium
- The stadium
- Large Music Hall
- Large conference center
- Huge open-air concerts and
- music dance music tour

应用
- 大型剧场，戏院
- 大型礼堂
- 大型露天体育馆
- 大型音乐厅
- 大型会议中心
- 露天大型演唱会和音乐会

Kmax-915 箱体侧面保护装备
The protection settings for wooden box

The Kmax series develop on the basis of previous experience, bringing line array loudspeaker technology into a new field. Natural audio playback, farther project distance, enhanced anti-wind performance, fast transport loading are reached by Real Sound in the close and extensive cooperation with famous musicians and sound engineers. With the clear objective at the beginning of design, products are completed with comprehensive and excellent performance casting a sound monument together by these innovations and technical staff of Real Sound lab.

In the past decades, the line array technology set off a revolution in the professional P.A. field. As it can project the voice accurately at a farther distance and avoid unnecessary interference from the reflector, the loudspeakers system employed with this kind of technology sprung up. With the popularity of the technology, Kmax series continuously put the standard of P.A. equipment forward. Our technical advantages derived from the acoustic design correction by Real Sound, according to the performance of spectrum structure. We prefer concentrating on a special smooth frequency response, rather than trusting acoustic engineers to make up any deficiencies by electronic method.

Before researching and developing line array products of Real Sound, we had researched carefully on the same earlier products of the market. We concerned on their technical characteristics, as well as voice. Meanwhile, we had further discussion with many professional users and exchanged of views, then a brand-new concept gradually become more and more clear, that is the patent technologies in the Kmax line array.

Kmax系列在总结前人经验的基础上开拓前进，将线性阵列扬声器技术带入全新的领域。自然真实的音频重放，投射距离更远，抗风性能更强，运输吊装更快捷。这些都是和Realsound与著名的音乐家和声学专家的密切合作分不开的。Kmax系列在设计之初就了然于胸的目标。Realsound实验室里富有开拓进取的技术人员使这些产品更富有卓越全面的表现。

在过去的几十年当中，线性阵列技术在专业扩声领域掀起了一场革命。由于能够将声音准确地投射到更远的距离，同时又可避免来自反射面的不必要干扰，采用这种技术的扬声器系统如同雨后春笋般涌现出来。随着技术的普及，Kmax系列连续不断的把扩声设备的标准向前推进。我们的技术优点就来源于Realsound对高瑞频谱结构中的表现所作的声学设计校正，我们宁可集中力量去获得特别平滑的频率响应，也不信赖声学工程师用电子的方法补偿任何缺陷。

在进行Realsound线性产品的研发之前，我们认真的调查过市场上的同类早期的产品，我们着重于它们的技术特性和声音。同时，我们和许多专业人士进行了深刻的探讨并交换了意见。这样，Kmax系列的全新专业概念就越来越清晰了。

Features & Benefits
- High performance line array for coherent wavefronts
- The design of acoustic analysis
- Unified SPL Vertical directivity to increase 2 degree adjustable
- High resolution audio reproduction
- Space saving Power strong
- Can be coupled and predictable coverage
- Wear-resisting Two component appearance finishing
- Providing superior anti-scratch protection
- QuickFly rigging offers flexibility of both horizontal send vertical arrays, with option to fly or groundstack
- Consistent and predictable array performance ensures accurate system design

功能与优点
- 高性能线性阵列持续连贯的波阵面
- 声学分析箱体设计
- 统一的SPL，垂直指向性以2度的递增可调
- 高解析度的音响重视
- 节省空间，功率强劲
- 可耦合和可预测的覆盖
- 耐磨，双组分外观调整，提供超高抗划痕的保护
- 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

Kmax Series

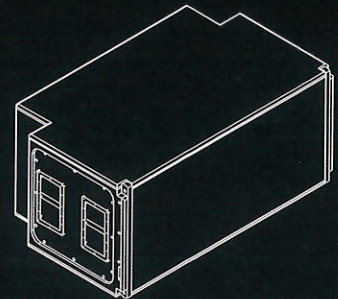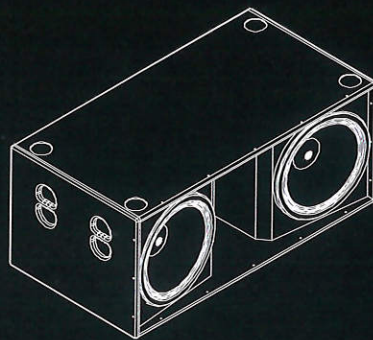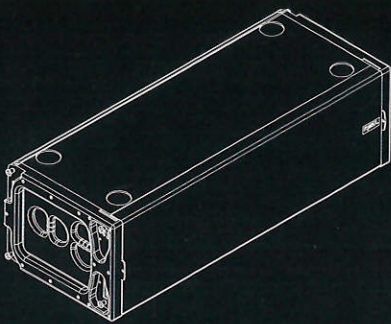|	Kmax-915	Kmax-1559x	Kmax-1228x
Configuration	3-way Line Array	3-way Line Array	3-way Line Array
Components LF:	2x15inch(75mm voice coil)	2x15inch(100mm voice coil)	2x12inch(100mm voice coil)
MF:	4x6.5inch(50mm voice coil)	4x6.5inch(50mm voice coil)	4x6.5inch(38mm voice coil)
HF:	3x3inch(75mm voice coil)	2x3inch(75mm voice coil)	3x2inch(44mm voice coil)
Power rating LF:	1000w AES/4000w Peak	1200w AES/4800w Peak	1000w AES/4000w Peak
MF:	600w AES/2400w Peak	600w AES/2400w Peak	400w AES/1600w Peak
HF:	300w AES/1200w Peak	300w AES/1200w Peak	250w AES/1000w Peak
Frequency response(±3dB)	45Hz-20KHz	45Hz-20KHz	50Hz-20KHz
Sensityvity 1m/1w LF:	100dB/134dB	100dB/134dB	99dB/134dB
MF:	104dB/136dB	104dB/136dB	104dB/136dB
HF:	119dB/143dB	116dB/139dB	115dB/139dB
Nominal impedance	LF: 8Ω MF:8Ω HF:8Ω	LF: 8Ω MF:8Ω HF:16Ω	LF: 8Ω MF:8Ω HF:8Ω
Cabinet/channel QD-5+	2	2	2
Dispersion(HxV)	90°x10°(250Hz-20KHz)	90°x5°(250Hz-20KHz)	120°x10°(450Hz-20KHz)
Crossover	280Hz,1.5KHz active	250Hz,1.5KHz active	454Hz,3.5KHz active
Connectors	2xNeutrik NL8 Speakon	2xNeutrik NL8 Speakon	2xNeutrik NL8 Speakon
Enclosure	18mm 11-ply birch plywood	18mm 11-ply birch plywood	18mm 11-ply birch plywood
Dimensions mm(HxWxD)	405x1364x535	410x1278x630	388x1278x630
Dimensions inch(HxWxD)	15.96x53.74x21.08	16.15x50.35x24.80	15.27x50.35x24.80
Weight kg	85	85	90
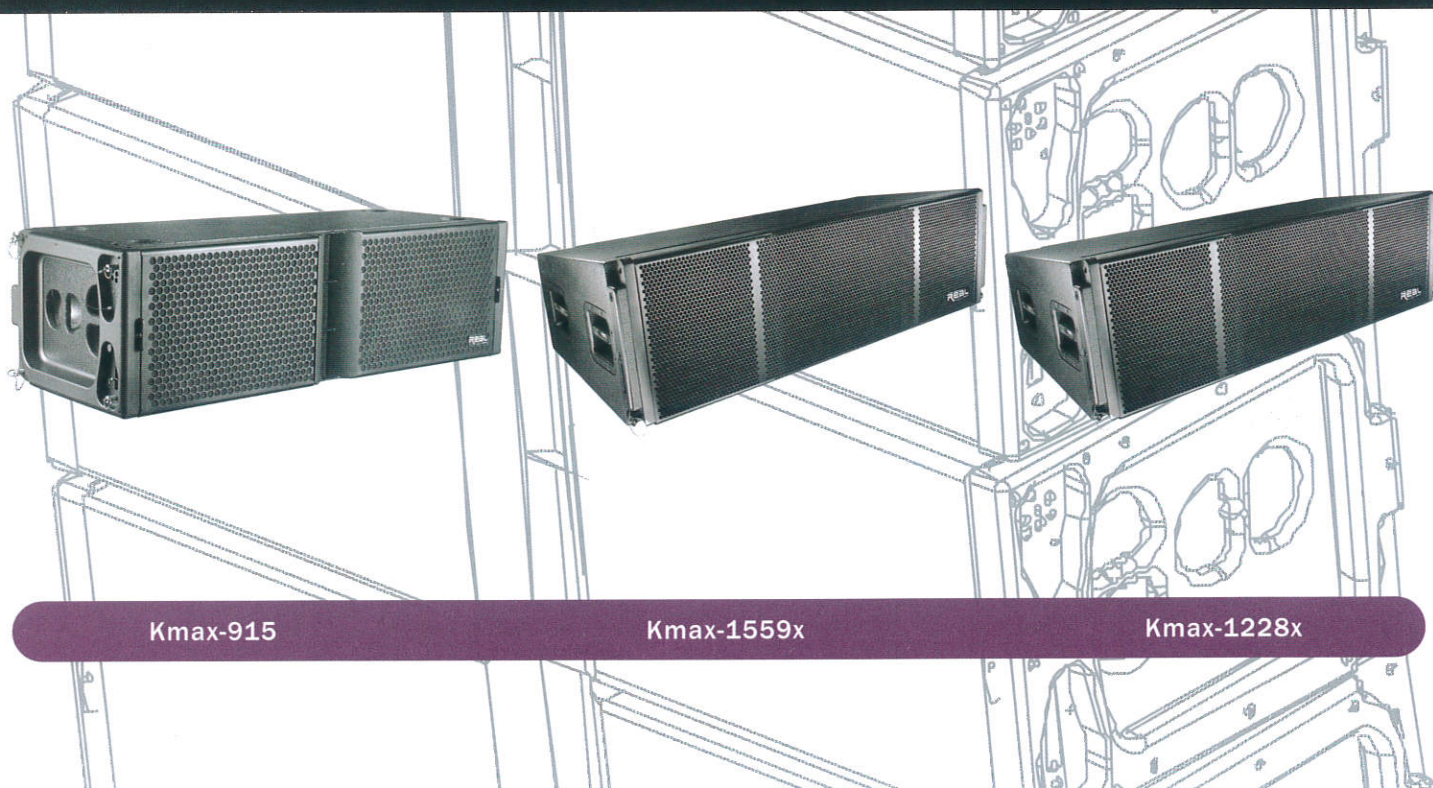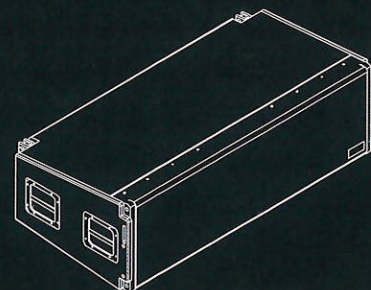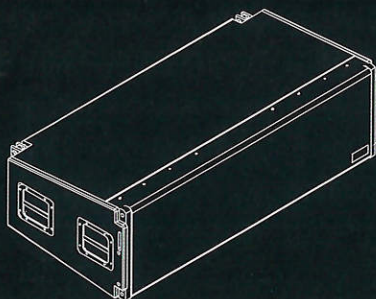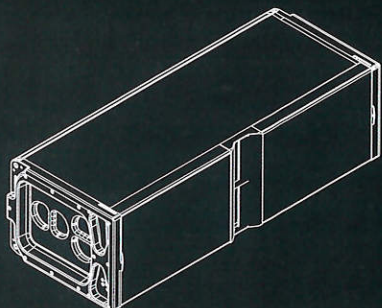
Kmax-915   Kmax-1559x   Kmax-1228x

Kmax Series	Kmax-915B	Kmax-218B	Kmax-1228xsub
Configuration	Line Array Subwoofer	Line Array Subwoofer	Line Array Subwoofer
Components LF:	2x15inch(100mm voice coil)	2x18inch(100mm voice coil)	2x18inch(125mm voice coil)
Power rating LF:	1000w AES/4000w Peak	1200w AES/4800w Peak	1400w AES/5600w Peak
Frequency response(±3dB)	38Hz-150Hz	35Hz-150Hz	35Hz-300Hz
Sensityvity 1m/1w LF:	100dB/135dB	100dB/135dB	102dB/137dB
Nominal impedance	4Ω	4Ω	4Ω
Cabinet/channel QD-5+	2	2	1
Crossover	L-R 24dB/oct;38-130Hz	L-R 24dB/oct;35-100Hz	L-R 24dB/oct;35-150Hz
Connectors	4xNeutrik NL4 Speakon	2xNeutrik NL4 Speakon	2xNeutrik NL4 Speakon
Enclosure	18mm 11-ply birch plywood	18mm 11-ply birch plywood	18mm 11-ply birch plywood
Dimensions mm(HxWxD)	405x1364x535	550x1300x780	580x1278x780
Dimensions inch(HxWxD)	15.96x53.74x21.08	21.67x51.22x17.58	22.83x50.35x30.71
Weight kg	80	100	128

Kmax-915B   Kmax-218B   Kmax-1228sub