



Line Array Speaker Series 线阵系列音箱

Since 2000, the first set line array W series had be launched by Seer Audio. The line array series gained high appreciated and definitely in some large performances, such as well-known singer Julian Marley tour singing performance and NMMM Jazz music round the world tours concert. Seer Audio line array series technology level always on the top of this line.

Following the world development, Seer Audio engineers developed LA small line array series in 2002, LA series made the line array products more completely and perfectly. It lead to Seer Audio enter a new stage on products design, sound effect and technology. LA series use neodymium driver, special for magnetic energy, long throw loudspeaker design good for wide cover control; voice coil use aluminum flat, double line, several level art and craft. Our line array series is well-known for their strong crack resistance, less effect in temperature, long throw and high quality sound effect, high power, and waterproof craft.

自2000年朗声音响第一套线阵系列W系列面世至今，朗声音响线阵系列在多个世界性的大型演出活动里获得较高的评价和肯定，其中包括世界巨星贝琳·卡尔巡回演唱会NMMM爵士乐音乐会环球巡回演出等大型演出，朗声音响线阵系列技术水平在行内一直处于领先地位。

与时俱进的朗声工程师们在2002年推出LA小型线阵系列，使整个线阵产品更加齐全，无论外型、声音、技术也更进一个新的台阶，LA系列采用AURA系统，一种磁能特强的新制造，长冲程扬声器具有很好的覆盖面控制，在扬声器覆盖范围内声场分布均匀，一旦超过覆盖范围之外会智能处理，单元线圈采用铝扁线，双线并绕多层线圈手工制作而成，大大提高电性能，定心支片采用近年开发的Aramide纤维，双支反向叠放，刚性更好，顺性好，经过Seer反复精密的设计后，扬声器与扬声器频率范围互相不会造成干扰，抗裂性强，受温度影响极微，确保与线圈之间平稳牢固，音质平滑更有质感，极佳的高指向性和大功率的输出，前排声音不过响，后排声音也不会过弱，在整个听声区内的所有影响音质的频率都得到还原。

www.seeraudio.com



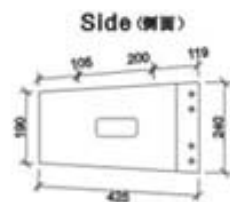
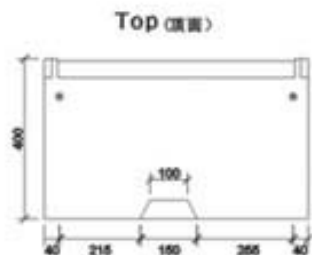
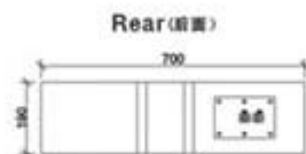
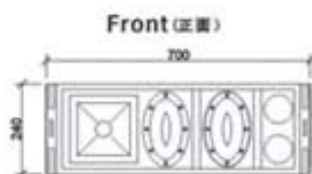
LA-SERIES



LA-6C

2-WAY
Line Array Speaker
二路线性阵列音箱

➔ **Install Size 安装尺寸:**



Specification (系统参数)

Frequency response 频率响应	100Hz-18KHz
Directivity angle 辐射角度	H90° × V7.5°
Long-term power (RMS) 额定功率	100W/300W(HF, MF)
Peak Power Handling 峰值功率	200W/600W/5Min(HF, MF)
Impedance 阻抗	8 ohms/16 ohms(HF, MF)
Sensitivity 灵敏度	108dB/105dB(HF, MF)
Maximum SPL 最大声压	130dB/128dB(HF, MF)
Connection 接线方式	2×NL 8 Speakon
Enclosure Construction 箱体	15厘桦木夹板 15-Birch Plywood
Cabinet Surface Treatment 表面处理	Black Catalyzed Polyurethane Paint 黑色催化聚氨酯漆
Dimensions (H x W x D) 箱体尺寸	240×700×400mm
Mid 中频	6.5 IN×2 (170mm)
High 高频	2.5 IN×1 (51mm)
N. W. 重量	19Kg

Description (描述)

LA-6C is consist of two 6.5" MF speaker and one 2.5" compress driver, trapezoidal enclosure, with built-in driver protection device.

LA-6C 使用一个2.5寸高音驱动器和两个6.5寸的中音驱动器，梯形箱体设计，结构紧凑，清晰、高效还原性能，内置高效驱动器保护装置。

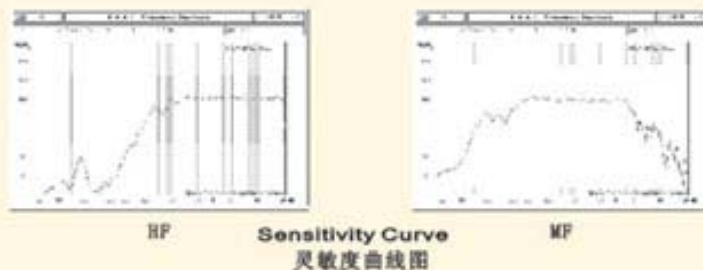
Features (特性)

- ➔ 2-way full range loudspeaker
- ➔ High sensitivity output
- ➔ High quality sound-restoration capability
- ➔ Waterproof design
- ➔ 两路全频设计
- ➔ 高灵敏度输出
- ➔ 高质语音还原性能
- ➔ 防水处理

Application (应用)

- ➔ Gymnasium, Theatres, Club and large nightclub, Hotels, health clubs, leisure centers.
- ➔ 体育馆、剧院、俱乐部和多功能厅、酒店、休闲场所等。

The technique diagram show (技术图示)



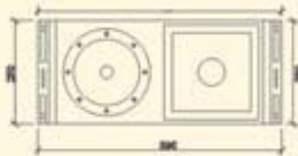


LA-8

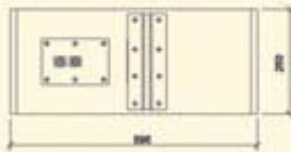
2-WAY Line Array Speaker 二路线性阵列音箱

Install Size 安装尺寸:

Front (正面)



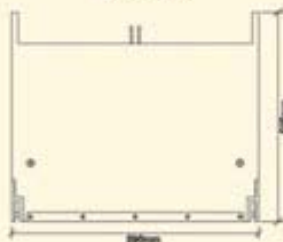
Rear (后面)



Side (侧面)



Top (顶面)



Specification (系统参数)

Frequency response 频率响应	80Hz-18KHz
Directivity angle 辐射角度	H90° × V7.5°
Long-term power (RMS) 额定功率	120W/200W (HF, MF)
Peak Power Handling 峰值功率	240W/400W (HF, MF)
Impedance 阻抗	8 ohms/8 ohms (HF, MF)
Sensitivity 灵敏度	115dB/108dB (HF, MF)
Maximum SPL 最大声压	130dB/123dB (HF, MF)
Connection 接线方式	2×NL 8 Speakon
Enclosure Construction 箱体	15厘梓木夹板 15-Birch Plywood
Cabinet Surface Treatment 表面处理	Black Catalyzed Polyurethane Paint 黑色催化聚氨酯漆
Dimensions (H x W x D) 箱体尺寸	250×595×505mm
Mid 中频	8 IN×1 (210mm)
High 高频 (Neodymium) 钕铁硼	2.5 IN×1 (61mm)
N.W. 重量	19Kg

Description (描述)

LA-8 is one 8" MF speaker and one 2.5" compress driver, trapezoidal enclosure, in side driver protection device.

LA-8 使用一个2.5" 高音驱动器和一个8" 中音驱动器, 梯形箱体设计, 结构紧凑, 清晰、高效还原性能, 内置高频驱动器保护装置。

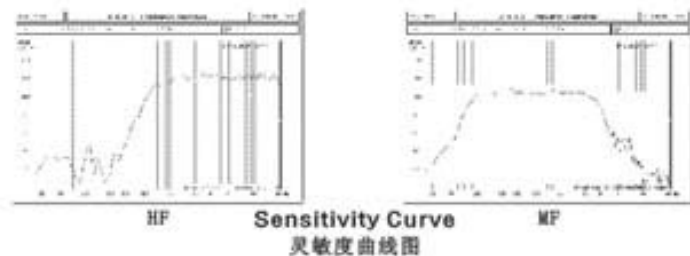
Features (特性)

- Effective rigging system for safe flying. 安全吊挂系统
- Far coverage 覆盖范围远
- Fast install, waterproof and resist hot 安装方便, 防水处理

Applications (应用)

- Medium-small gym, plaza, showplace Outdoors or indoors place.
- 中小型体育馆, 广场, 剧院和各类演艺厅等。

The technique diagram shows (技术图示)





LA-8C

LA-8C

2-WAY
Line Array Speaker
二路线性阵列音箱

Introduction (介绍)

The variant Installation Array brings the unique advantages of the powered line array to the world's small mid, large-sized venues. The ultra-compact design of the variant provides systems designers with a product that offers high output and exceptional sound in an attractive and visually discrete package.

The LA-8C have double 8" LF unit, a 2.5" compress driver. The speaker box and loudspeaker also are waterproof, it's suitable for outdoor place. The LA-8C combine with LA-22B, the sound will more perfect and strong. It meets the need for a high power; high bass impact system that is versatile and scalable for a very wide range of applications in the live sound, corporate and fixed installation fields. LA-8C grilles allow systems to be flown or ground stacked as required.

LA系列是Seer朗声的另一创新线性系列产品。Seer朗声的先进技术与时代科技技术并进，在2001年开发了LA的线性系统，是我们Seer朗声科技的精髓。我们在W系列的技术上整合了时代的改革，由超微型到超大型的线性系列，毫无疑问Seer朗声给行业争创的生辉。LA线性系列是Seer朗声其中杰出的成果。

LA-8C 是两分频的线性系列，V字型箱体指向性更强。它采用了Seer朗声的高端号角，长冲程的中低单元，音质亮丽，加中低音箱和超低音箱合并，线声源强大有力的冲击力，LA-8C本身设计有连杆，吊挂或地面堆砌更方便简单快捷。

Features (特性)

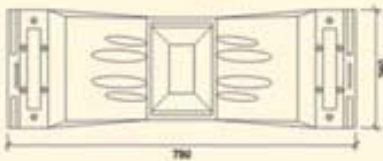
- 2-way line array system
- High efficiency energy output
- Far-flung coverage
- Professional flying setting, safe and reliable
- Fast install, waterproof and resist hot
- 二分频线性系统
- 高效率输出
- 覆盖范围远
- 专业吊挂，安全可靠
- 安装方便，防水防潮



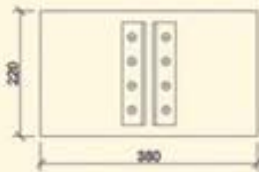
LA-8C

Install Size 安装尺寸

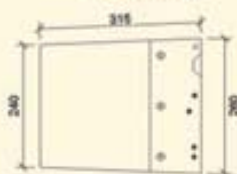
Front(正面)



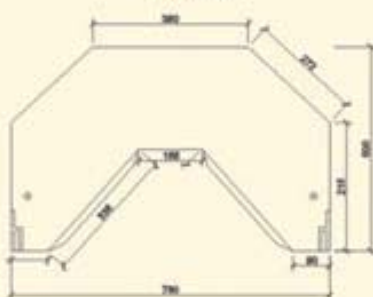
Rear(后面)



Side(侧面)



Top(顶面)



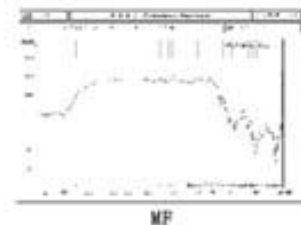
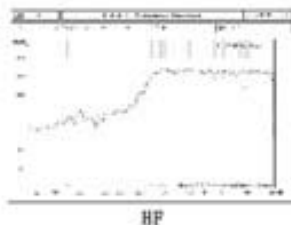
Specification (系统参数)

Frequency response 频率响应	80Hz-18KHz
Directivity angle 辐射角度	H90° × V7.5°
Long-term power (RMS) 额定功率	120W/400W (HF, MF)
Peak Power Handling 峰值功率	240W/800W (HF, MF)
Impedance 阻抗	8 ohms/16 ohms (HF, MF)
Sensitivity 灵敏度	115dB/108dB (HF, MF)
Maximum SPL 最大声压	128dB/125dB (HF, MF)
Connection 接线方式	2×NL 8-Speakon
Enclosure Construction 箱体	15mm桦木夹板 15-Birch Plywood
Cabinet Surface Treatment 表面处理	Black Catalyzed Polyurethane Paint 黑色催化聚氨酯漆
Dimensions (H × W × D) 箱体尺寸	260×780×500mm
Mid 中频	8 IN×2 (210mm)
High 高频 (Neodymium) 钕铁硼	2.5 IN×1 (51mm)
N. W. 重量	25Kg

Applications (应用)

- Suitable for big, medium and small gymnasium, Plaza, indoor and outdoor activity
 large club live sound open-air venues, arena, and concert halls fixed installations
 multi-purpose auditoria, sports arenas
- 大中小体育馆, 广场, 户内户外演出活动, 大型俱乐部户外场所, 舞台、音乐厅、
 固定安装, 多功能礼堂、运动场所。

The technique diagram shows (技术图示)





LA-10

LA-10

2-WAY
Line Array Speaker
二路线性阵列音箱

Introduction (介绍)

LA-10 system bring the benefits of true line array performance to a wide range of applications in both portable or fixed-venue installations .It is design for high quality sound reinforcement in big and medium venues with a wide range of applications. The simple fly system is easy to use, lightweight enclosure, integral rigging mechanisms and proprietary components are LA-10 strong points. The LA-10 have double 10" LF unit, two 2.5" compress drivers .

LA-10 是一个两频的线性系列，采用AURA系统，一种磁能特强的新制造。长冲程扬声器具有极好的覆盖面控制，在扬声器覆盖范围内声场分布均匀，一旦超过覆盖范围之外会智能处理。单元线圈采用铝扁线，双线并线多层线圈手工绕制而成，大大提高电器性能，定心支片采用近年开发的Aranids纤维，双支反向叠放，刚性更好，顺性好，经过SEER反复精密的设计后，扬声器与扬声器频率范围互相不会造成干扰。抗裂性强，受温度影响极微，确保与线圈之间平稳牢固，音质平滑更有质感，极佳的高指向性和大功率的输出，前排声音不过响，后排声音也不会过弱，在整个听声区内的所有影响音质的频率都得到还原。



Features (特性)

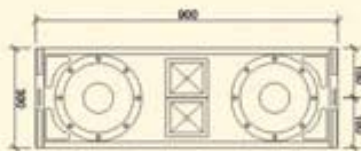
- Effective rigging system for safe flying.
- Far coverage
- Fast install, waterproof and resist hot
- 安全吊挂系统
- 覆盖范围远
- 安装方便，防水处理



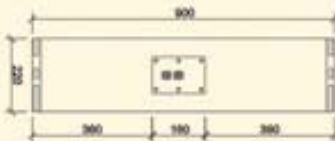
LA-10

Install Size 安装尺寸

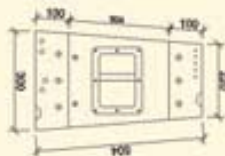
Front(正面)



Rear(后面)



Side(侧面)



Top(顶面)



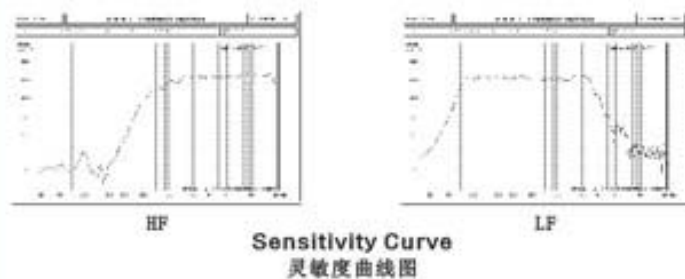
Specification (系统参数)

Frequency response 频率响应	60Hz-18KHz
Directivity angle 辐射角度	H90° × V10°
Long-term power(RMS) 额定功率	240W/600W(HF, MF)
Peak Power Handling 峰值功率	480W/1200W(HF, MF)
Impedance 阻抗	16 ohms/16 ohms(HF, MF)
Sensitivity 灵敏度	118dB/115dB(HF, MF)
Maximum SPL 最大声压	130dB/130dB(HF, MF)
Connection 接线方式	2×NL 8 Speakon
Enclosure Construction 箱体	15层桦木夹板 15-Birch Plywood
Cabinet Surface Treatment 表面处理	Black Catalysed Polyurethane Paint 黑色催化聚氨酯漆
Dimensions(H x W x D) 箱体尺寸	300×900×500mm
Mid 中频	10 IN×2(260mm)
High 高频 (Neodymium) 钕铁磁	2.5 IN×2(51mm)
N.W. 重量	35Kg

Applications (应用)

- Big, medium-small gym, plaza, showplace, live sound open-air venues, arena, concert halls, commercial environment.
- 大中小体育馆, 广场, 剧院, 户外场所, 舞台, 音乐厅, 商业场所.

The technique diagram shows (技术图示)

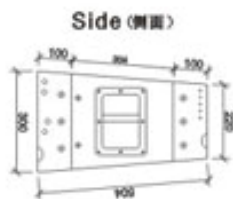
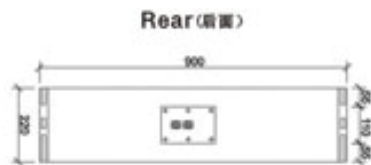
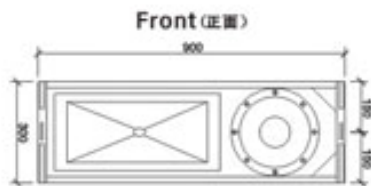




LA-10S

**2-WAY
Line Array Speaker
二路线性阵列音箱**

➔ **Install Size 安装尺寸:**



Specification (系统参数)

Frequency response 频率响应	70Hz-18KHz
Directivity angle 辐射角度	H90° × V10°
Long-term power (RMS) 额定功率	120W/300W (HF, MF)
Peak Power Handling 峰值功率	240W/600W (HF, MF)
Impedance 阻抗	8 ohms/8 ohms (HF, MF)
Sensitivity 灵敏度	115dB/108dB (HF, MF)
Maximum SPL 最大声压	132dB/130dB (HF, MF)
Connection 接线方式	2×Speakon NL 8R
Enclosure Construction 箱壳	16层桦木夹板 15-Birch Plywood
Cabinet Surface Treatment 表面处理	Black Catalyzed Polyurethane Paint 黑色催化聚氨酯漆
Dimensions (H x W x D) 箱体尺寸	300×900×500mm
Mid 中频	10 IN×1 (260mm)
High 高频	3 IN×1 (75mm)
N. W. 重量	28Kg

Description (描述)

LA-10S is consist of one 10" MF speaker and one 3" compress driver, trapezoidal enclosure, with built-in driver protection device.

LA-10S 使用一个3寸高音驱动器和一个10寸的中音驱动器，梯形箱体设计，结构紧凑，清晰、高效还原性能，内置高效驱动器保护装置。

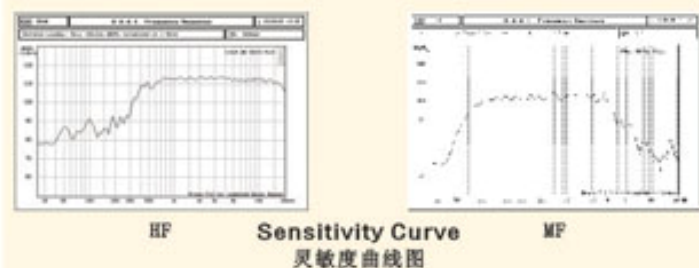
Features (特性)

- ➔ 2-way line array system
- ➔ High efficiency energy output
- ➔ Far-flung coverage
- ➔ Professional flying setting, safe and reliable
- ➔ Fast install, waterproof and resist hot
- ➔ 二分频线阵系统
- ➔ 高效率输出
- ➔ 覆盖范围远
- ➔ 专业悬挂，安全可靠
- ➔ 安装方便，防水防潮

Applications (应用)

- ➔ Big gymnasium, sporting place, all kind of performance movements
- Medium and large scale touring, theatre, club.
- ➔ 大型体育馆，运动场所，各种演出活动、大中型的巡回活动，剧院，俱乐部。

The technique diagram shows (技术图示)

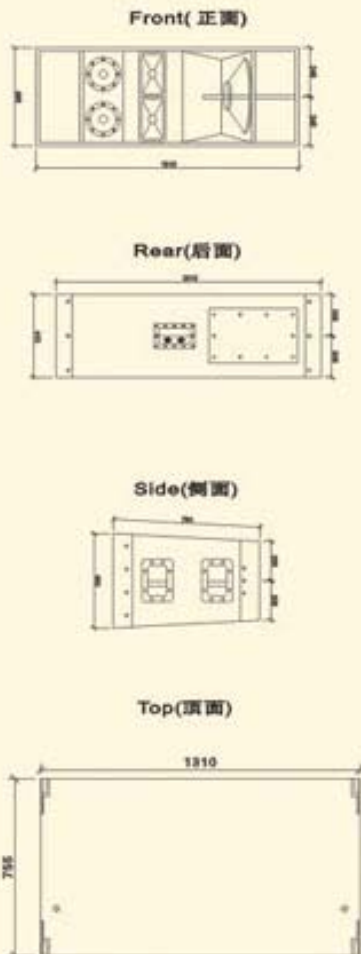




LA-15

3-WAY Line Array Speaker 三路线性阵列音箱

Install Size 安装尺寸



Specification (系统参数)

Frequency response 频率响应	45Hz-18KHz
Directivity angle 辐射角度	H90° × V10°
Long-term power(RMS) 额定功率	240W/300W/500W(HF, MF, LF)
Peak Power Handling 峰值功率	480W/600W/1000W(HF, MF, LF)
Impedance 阻抗	8ohms/8ohms/8ohms(HF, MF, LF)
Sensitivity 灵敏度	118dB/110dB/105dB(HF, MF, LF)
Maximum SPL 最大声压	138dB/130dB/125dB(HF, MF, LF)
Connection 接线方式	2×NL 8 Speakon
Enclosure Construction 箱体	18层多层夹板 18 Plywood
Cabinet Surface Treatment 表面处理	Black Catalyzed Polyurethane Paint 黑色催化聚氨酯漆
Dimensions(H x W x D) 箱体尺寸	490×1310×755mm
Low 低频	15 IN×1(380mm)
Mid 中频	6.5 IN×2(170mm)
High 高频	3 IN×2(75mm)
N.W. 重量	101Kg

Description (描述)

LA-15 is one 15" LF speaker and two 3" HF drivers and two 6.5" MF speakers compress driver, trapezoidal enclosure, inside driver protection device.

LA-15 使用两个3" 高音驱动器、两个6.5" 中音驱动器和一个15" 低音驱动器，梯形箱体设计，结构紧凑，清晰、高效还原性能，内置高频驱动器保护装置。

Features (特性)

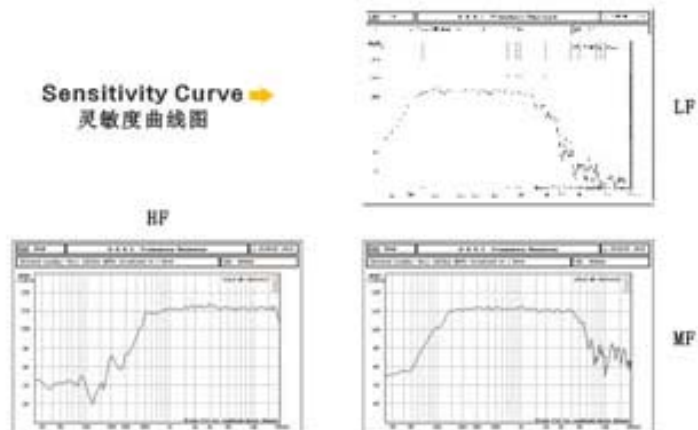
- High performance 3-way line array enclosure 高性能三分频线阵
- Superior bass impact all horn design 优质的低音效果
- Loudspeaker management preset files for a wide variety of configurations 不同规格的喇叭管理
- Waterproof design 防水处理

Applications (应用)

- Medium-small gym, plaza, showplace Outdoors or indoors place.
- 中小型体育馆，广场，剧院和各类演艺厅等。

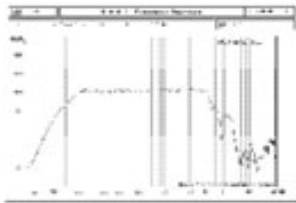
The technique diagram shows (技术图示)

Sensitivity Curve 灵敏度曲线图





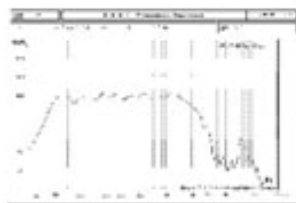
LA-210B



Sensitivity Curve
灵敏度曲线图



LA-15B



Sensitivity Curve
灵敏度曲线图

Specification 系统参数:

Frequency response 频率响应	60Hz-2KHz
Directivity angle 辐射角度	
Long-term power (RMS) 额定功率	400W
Peak Power Handling 峰值功率	800W/5Min
Impedance 阻抗	16ohms
Sensitivity 灵敏度	106dB(2.83v/m)
Maximum SPL 最大声压	128dB
Connection 接线方式	2×NL 8R Speakon
Enclosure Construction 箱壳	18厘多层夹板 18 Plywood
Cabinet Surface Treatment 表面处理	Black Catalyzed Polyurethane Paint 黑色催化聚氨酯漆
Dimensions(H x W x D) 箱体尺寸	300×700×400mm
Low 低频	10 In×2 (260mm)
N. W. 重量	37Kg

Install size 安装尺寸



Front (正面)

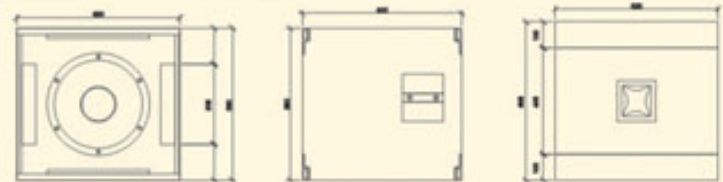
Rear (后面)

Side (侧面)

Specification 系统参数:

Frequency response 频率响应	60Hz-2KHz
Directivity angle 辐射角度	
Long-term power (RMS) 额定功率	400W
Peak Power Handling 峰值功率	800W/5Min
Impedance 阻抗	8 ohms
Sensitivity 灵敏度	106dB(2.83v/m)
Maximum SPL 最大声压	128dB
Connection 接线方式	2×NL 8 Speakon
Enclosure Construction 箱壳	18厘多层夹板 18 Plywood
Cabinet Surface Treatment 表面处理	Black Catalyzed Polyurethane Paint 黑色催化聚氨酯漆
Dimensions(H x W x D) 箱体尺寸	465×590×605mm
Low 低频	15 IN×1 (380mm)
N. W. 重量	37Kg

Install size 安装尺寸



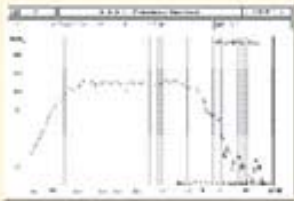
Front (正面)

Rear (后面)

Side (侧面) 12



LA-22B

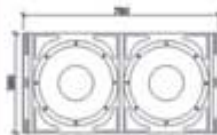


Sensitivity Curve
灵敏度曲线图

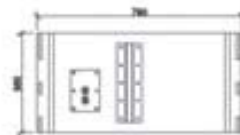
Specification 系统参数:

Frequency response 频率响应	55Hz-2KHz
Directivity angle 辐射角度	
Long-term power (RMS) 额定功率	600W
Peak Power Handling 峰值功率	1200W/5Min
Impedance 阻抗	4 ohms
Sensitivity 灵敏度	106dB (2.83v/m)
Maximum SPL 最大声压	128dB
Connection 接线方式	2×NL 8 Speakon
Enclosure Construction 箱体	18层多层夹板 18 Plywood
Cabinet Surface Treatment 表面处理	Black Catalyzed Polyurethane Paint 黑色催化聚氨酯漆
Dimensions(H x W x D) 箱体尺寸	380×780×500mm
Low 低频	12 IN×2(310mm)
N.W. 重量	41Kg

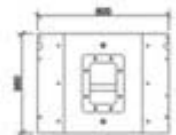
Install size 安装尺寸



Front (正面)



Rear (后面)

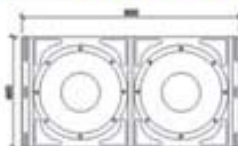


Side (侧面)

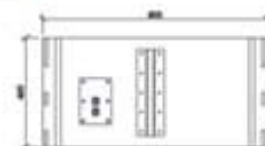
Specification 系统参数:

Frequency response 频率响应	50Hz-2KHz
Directivity angle 辐射角度	
Long-term power (RMS) 额定功率	900W
Peak Power Handling 峰值功率	1600W/5Min
Impedance 阻抗	4 ohms
Sensitivity 灵敏度	110dB (2.83v/m)
Maximum SPL 最大声压	138dB
Connection 接线方式	2×NL 8 Speakon
Enclosure Construction 箱体	18层多层夹板 18 Plywood
Cabinet Surface Treatment 表面处理	Black Catalyzed Polyurethane Paint 黑色催化聚氨酯漆
Dimensions(H x W x D) 箱体尺寸	460×900×500mm
Low 低频	15 IN×2(380mm)
N.W. 重量	57Kg

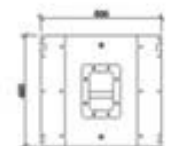
Install size 安装尺寸



Front (正面)



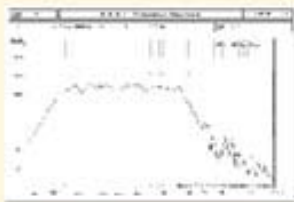
Top (顶面)



Side (侧面)



LA-25B



Sensitivity Curve
灵敏度曲线图

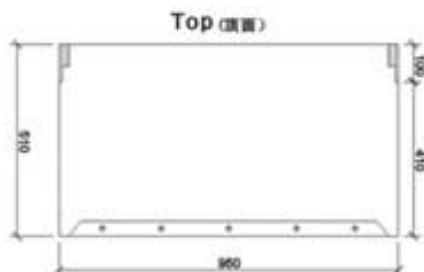
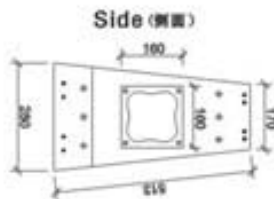
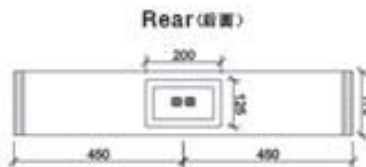
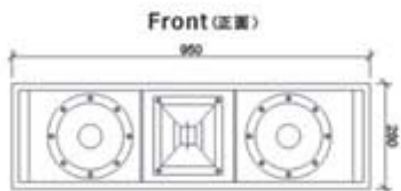
W-SERIES



W-8C

2-WAY
Line Array Speaker
二路线性阵列音箱

Install Size 安装尺寸:



Specification (系统参数)

Frequency response 频率响应	80Hz-18KHz
Directivity angle 辐射角度	H90° × V7.5°
Long-term power (RMS) 额定功率	120W+400W (HF, MF)
Peak Power Handling 峰值功率	240W+800W/5Min (HF, MF)
Impedance 阻抗	8 ohms/16 ohms (HF, MF)
Sensitivity 灵敏度	115dB/110B (HF, MF)
Maximum SPL 最大声压	130dB/125dB (HF, MF)
Connection 接线方式	2×NL 8 Speaker
Enclosure Construction 箱体	15厘榉木夹板 15-Birch Plywood
Cabinet Surface Treatment 表面处理	Black Catalyzed Polyurethane Paint 黑色催化聚氨酯漆
Dimensions (H x W x D) 箱体尺寸	200×950×510mm
Mid 中频	8 IN×2 (210mm)
High 高频 (Neodymium) 软铁磁	2.5 IN×1 (51mm)
N.W. 重量	30Kg

Description (描述)

W-8C is consist of two 8" MF speaker and one 2.5" compress driver, trapezoidal enclosure, with built-in driver protection device.

W-8C 使用一个2.5寸高音驱动器和两个8寸的中音驱动器，梯形箱体设计，结构紧凑，清晰、高效还原性能，内置高效驱动器保护装置。

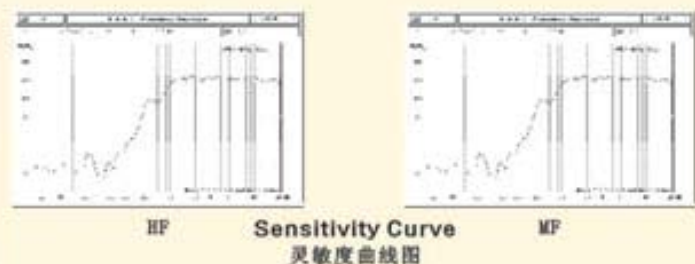
Features (特性)

- Compact, high performance 2-way line array enclosure
- High power - maximum SPL 130dB
- Loudspeaker management preset files for a wide variety of configurations
- Waterproof design
- 紧凑高性能的两分频线阵
- 大功率—最大声压130dB
- 不同规格的喇叭管理
- 防水处理

Applications (应用)

- Medium/small scale touring, theatre, club, Medium and small gymnasium
- 中小型巡回活动，电影院，俱乐部，中小型体育场。

The technique diagram shows (技术图示)

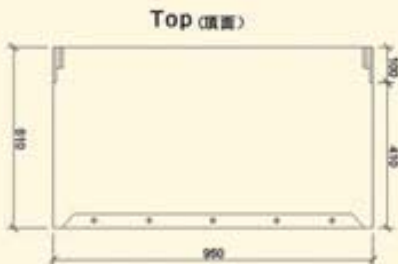
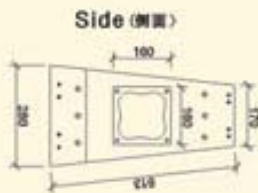
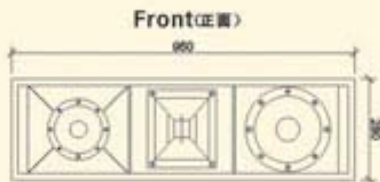




W-8L

3-WAY Line Array Speaker 三路线性阵列音箱

Install Size 安装尺寸:



Specification (系统参数)

Frequency response 频率响应	100Hz-18KHz
Directivity angle 辐射角度	H90° × V7.5°
Long-term power (RMS) 额定功率	120W+150W+200W (HF, MF, LF)
Peak Power Handling 峰值功率	240W+300W+400W/5Min (HF, MF, LF)
Impedance 阻抗	8 ohms/8 ohms/8 ohms (HF, MF, LF)
Sensitivity 灵敏度	115dB/110dB/105dB (HF, MF, LF)
Maximum SPL 最大声压	130dB/125dB/120dB (HF, MF, LF)
Connection 接线方式	2×NL 8 Speakon
Enclosure Construction 箱体	15mm 桦木夹板 15-Birch Plywood
Cabinet Surface Treatment 表面处理	Black Catalyzed Polyurethane Paint 黑色催化聚氨酯漆
Dimensions (H x W x D) 箱体尺寸	280×990×510mm
Low 低频	8 IN×1 (210mm)
Mid 中频	6.5 IN×1 (170mm)
High 高频 (Neodymium) 钕铁硼	2.5 IN×1 (51mm)
N. W. 重量	28Kg

Description (描述)

W-8L driver protection device is one 8" LF speaker and one 2.5" HF drivers and one 6.5" MF speakers compress driver, trapezoidal enclosure, inside driver protection device.

W-8L 使用一个2.5" 高音驱动器、一个6.5" 中音驱动器和一个8" 低音驱动器，梯形箱体设计，结构紧凑，清晰、高效还原性能，内置高频驱动器保护装置。

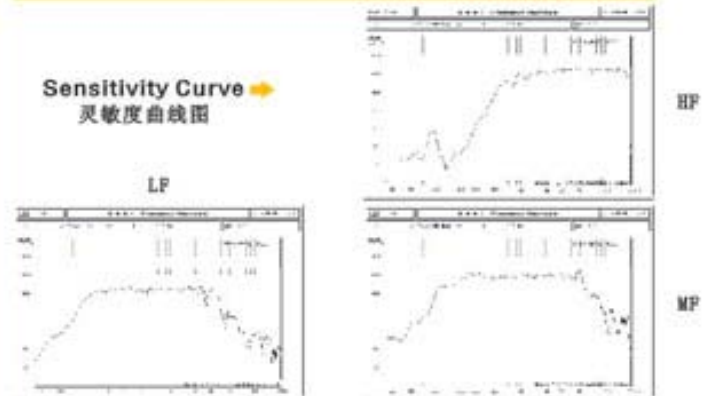
Features (特性)

- High performance three-way line array enclosure
- Superior bass impact all horn design
- Loudspeaker management preset files for a wide variety of configurations
- Waterproof design
- 高性能三分频线阵
- 优质的中高频效果
- 不同规格的喇叭管理
- 防水处理

Applications (应用)

- Medium and small Gymnasium, Plaza, Indoor and outdoor activity. Live sound
- open-air venues, arena, concert halls Fixed installations multi-purpose auditoria, sports arena
- 中小型体育馆，广场，户内和户外活动，户外场所，舞台，音乐厅
- 固定安装—多功能礼堂，运动场所。

The technique diagram shows (技术图示)



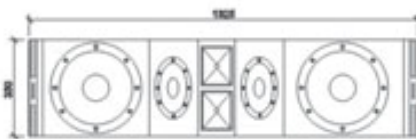


W-12

3-WAY Line Array Speaker 三路线性阵列音箱

➔ Install Size 安装尺寸:

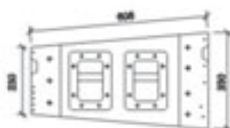
Front (正面)



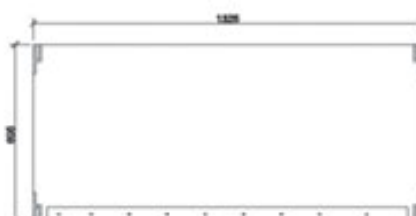
Rear (后面)



Side (侧面)



Top (顶面)



Introduction (介绍)

The W-12 have double 12" LF unit, double 8" MF, double 2.5" compress driver. The system adopt advanced branching map technique, made MF and HF output the same quality SPL. The line array speaker system took over us more than 3 years to develop and improve. The speaker box and loudspeaker also are waterproof; it's suitable for outdoor place. It meets the need for a high power, high bass impact system that is versatile and scalable for a very wide range of applications in the live sound, corporate and fixed installation fields.

W-12是一个大型三分频的线性系统，投产于2000年初是Seer的经典之作，在多个世界性活动中获得较高的评价，该型号采用Seer朗声创新技术结构设计，双号角高音，双8寸的中音，双12寸的低音，单元采用美国西海岸航天技术公司用AURA系统的一种磁能特强的新制造，功率强大的钹铁磁单元，再经过Seer朗声精湛提炼，可以大大提高扬声器承受功率及振幅强度，从行业科技技术角度来说，W-12线性系列是Seer朗声的早期成熟产品，不用再加中低音箱，在许多演出场地可以不加超低，都能感受到低频的节奏感。如果需要一个非常低频率范围时，可加上W-28，效果产生一个非常强而有力的大动态冲击力，保持了原汁原味的声源还原，让你无法形容那种场面。系统升级为绝世无比的二分体四分频的超级线性系统，吊装安装设计与W-8C相同，换格有多种角度，可以根据你的现场和人性化自由上下方向调节。

Features (特性)

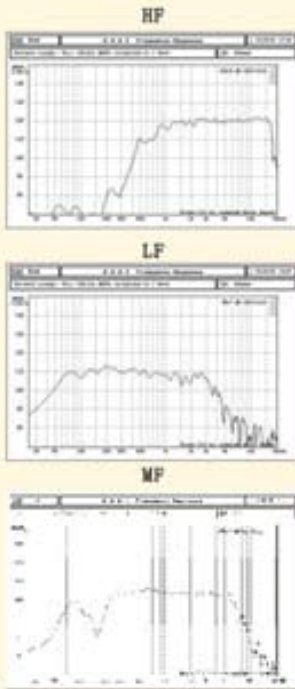
- ➔ 3-way line array system
- ➔ 三分频线性系统
- ➔ High efficiency energy output
- ➔ 高效率输出
- ➔ Far coverage
- ➔ 覆盖范围远
- ➔ Professional flying setting, safe and reliable
- ➔ 专业吊装，安全可靠
- ➔ Fast install, waterproof and resist hot
- ➔ 安装方便，防水处理



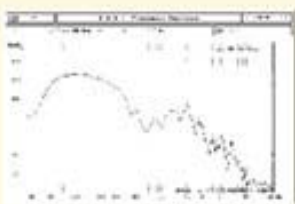
W-12

The technique diagram shows
(技术图示)

Sensitivity Curve
灵敏度曲线图



W-28



Sensitivity Curve
灵敏度曲线图

Specification (系统参数)

Frequency response 频率响应	50Hz-18KHz
Directivity angle 辐射角度	H90° × V7.5°
Long-term power (RMS) 额定功率	240W+400W+600W(HF, MF, LF)
Peak Power Handling 峰值功率	480W+800W+1200W/5Min(HF, MF, LF)
Impedance 阻抗	16 ohms/16 ohms/16 ohms(HF, MF, LF)
Sensitivity 灵敏度	120dB/112dB/108dB(HF, MF, LF)
Maximum SPL 最大声压	138dB/130dB/128dB(HF, MF, LF)
Connection 接线方式	2×NL 8 Speakon
Enclosure Construction 箱体	18厘桦木夹板 18-Birch Plywood
Cabinet Surface Treatment 表面处理	Black Catalyzed Polyurethane Paint 黑色催化聚氨酯面漆
Dimensions(H x W x D) 箱体尺寸	392×1200×655mm
Low 低频	12 IN×2(310mm)
Mid 中频	8 IN×2(210mm)
High 高频 (Neodymium) 钕铁硼	2.5 IN×2(51mm)
N.W. 重量	63Kg

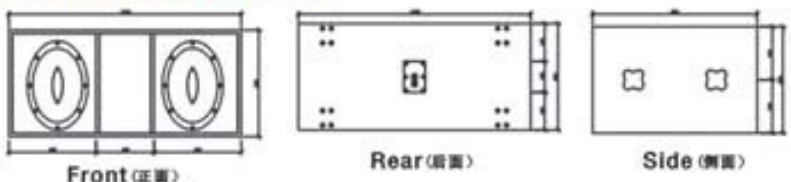
Applications (应用)

- Big gymnasium, sporting place, all kind of performance movements
- Medium and large scale touring, theatre, club.
- 大型体育馆, 运动场所, 各种演出活动
- 大中型的巡回活动, 剧院, 俱乐部.

Specification 系统参数:

Frequency response 频率响应	35Hz-250Hz
Directivity angle 辐射角度	
Long-term power (RMS) 额定功率	1600W
Peak Power Handling 峰值功率	3200W/5Min
Impedance 阻抗	4 ohms
Sensitivity 灵敏度	112dB(2.83v/m)
Maximum SPL 最大声压	138dB
Connection 接线方式	2×NL 4 Speakon
Enclosure Construction 箱体	18厘多层夹板 18 Plywood
Cabinet Surface Treatment 表面处理	Black Catalyzed Polyurethane Paint 黑色催化聚氨酯面漆
Dimensions(H x W x D) 箱体尺寸	550×1200×850mm
Low 低频	18 IN×2(460mm)
High 高频	
N.W. 重量	96Kg

Install size 安装尺寸





Touring Speaker Series

流动远程系列

Our KW series is a all weather speaker system, high SPL of each cabinet, long throw, more power sound energy delivery to farther area, precise directivity wide frequency spectrum. Integrated flying hardware, It's easy for installation, suitable for in outdoor big live show, Sporting Venues and big showplace. The high quality and powerful component result in loud and clear sound effect.

KW远程系列是seer品牌的高端系列产品之一。KW系列的特点是足功率、声压大、射程远、效率高、高保真还原。一些大型的场所，如果用一般的音箱，不但需要音箱的大堆砌、占空间多、工程浩大，还效果不好；由于KW系列户外使用效率高，则轻而易举地解决了上面的问题。本款远程音箱套装特别适宜于大型的场所，如户内外广场、大型的室内演艺厅、体育运动场馆等。

KW运用了最新的科研成果，最新的设计概念，给seer同声用途的产品带来了多项革命性的技术突破。将许多还在开发研究，刚在国外最新高档产品上应用的尖端技术带到您的手中。



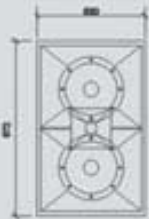


KW-1

2-WAY Long Throw Loudspeaker 两分频远程音箱

➔ Install Size 安装尺寸:

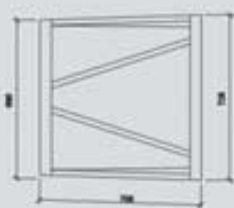
Front (正面)



Rear (后面)



Side (侧面)



Top (顶部)



Specification (系统参数)

Frequency response 频率响应	80Hz-20KHz
Directivity angle 辐射角度	H65° × V35°
Long-term power (RMS) 额定功率	100W/400W (HF, LF)
Peak Power Handling 峰值功率	200W/800W (HF, LF)
Impedance 阻抗	8 ohms/4 ohms (HF, LF)
Sensitivity 灵敏度	112dB/105dB (HF, LF)
Maximum SPL 最大声压	140dB/125dB (HF, LF)
Connection 接线方式	2×NL 4 Speakon
Enclosure Construction 箱体	(Fibre-glass)玻璃钢
Cabinet Surface Treatment 表面处理	
Dimensions (H x W x D) 箱体尺寸	672×530×607mm
Low 低频	10 IN×2 (260mm)
High 高频	3 IN×1 (72mm)
N.W. 重量	48.5Kg

Description (描述)

KW-1 is consist of one 3" compress driver and double 10" loudspeakers ,trapezoidal enclosure , structure compact ,clear and high efficiency reversion performance ,inside HF driver protection device .

KW-1 使用一个3" 高音驱动器和两个10" 低音驱动器，梯形箱体设计，结构紧凑，清晰、高效还原性能，内置高频驱动器保护装置。

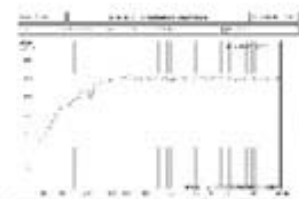
Features (特性)

- ➔ Super long throw distance
- ➔ 2-way long throw design
- ➔ handtallor aluminum metal trapezium box .
- ➔ 长冲程远距离设计
- ➔ 两分频设计
- ➔ 铝材梯形箱体

Applications (应用)

- ➔ Kinds of large performance ,large Disco, large plaza, gym and kinds of large place .
- ➔ 各类超大型演出、大型演艺厅、大型Disco、大型广场、大型体育馆以及各类大型场所作用。

The technique diagram shows (技术图示)



Sensitivity Curve
灵敏度曲线图



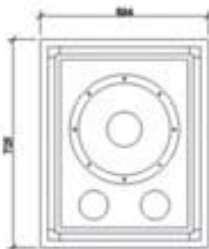
KW-2

Subwoofer speaker

超低音音箱

➔ Install Size 安装尺寸:

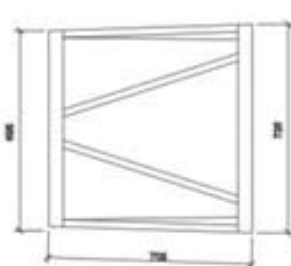
Front (正面)



Rear (后面)



Side (侧面)



Top (顶面)



Specification (系统参数)

Frequency response 频率响应	40Hz-300Hz
Directivity angle 辐射角度	
Long-term power (RMS) 额定功率	400W
Peak Power Handling 峰值功率	800W/5Min
Impedance 阻抗	8 ohms
Sensitivity 灵敏度	100dB (2.83v. m)
Maximum SPL 最大声压	130dB
Connection 接线方式	2×NL 4 Speaker
Enclosure Construction 箱体	18层多层夹板 18-Plywood
Cabinet Surface Treatment 表面处理	Black Catalyzed Polyurethane Paint 黑色催化聚氨酯漆
Dimensions (H x W x D) 箱体尺寸	725×584×705mm
Low 低频	15 IN×1 (380mm)
High 高频	
N.W. 重量	42Kg

Description (描述)

KW-2 is consist of one 15" loudspeaker ,trapezium box ,structure compact , clear and high efficiency reversion performance.

KW-2 使用一个15" 低音驱动器, 梯形箱体设计, 结构紧凑, 清晰、高效还原性能, 内置高频驱动器保护装置。

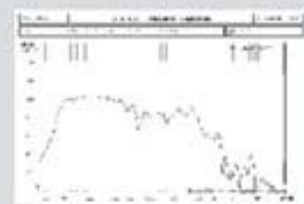
Features (特性)

- ➔ High sensitivity output
- ➔ High power output
- ➔ handtailor aluminum metal trapezium box
- ➔ 高灵敏度输出
- ➔ 大功率输出
- ➔ 铝材梯形箱体

Applications (应用)

- ➔ Kinds of show ,large Disco, plaza ,gym and large place
- ➔ 各类型演出、演艺厅、大型Disco、广场、体育馆以及各类大型场所作用。

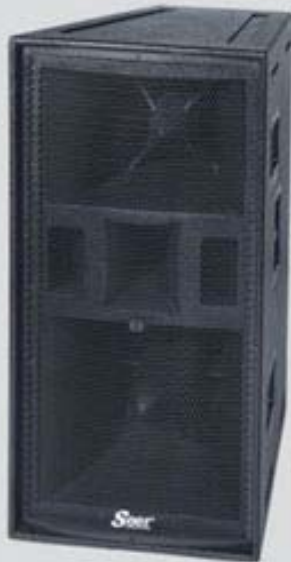
The technique diagram shows (技术图示)



Sensitivity Curve
灵敏度曲线图



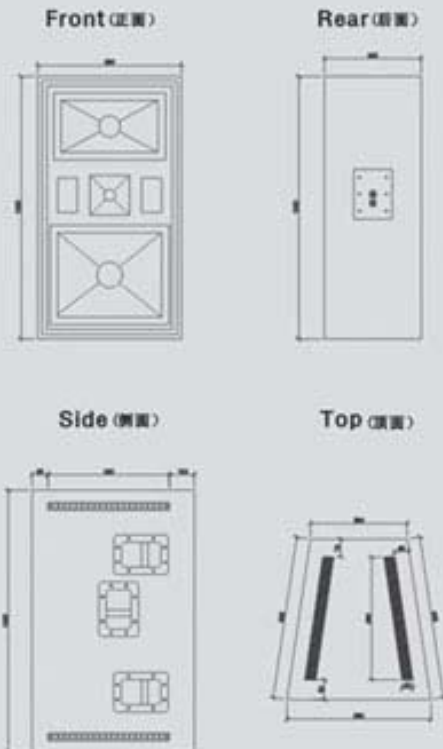
F1-SERIES



F1-LA

3-WAY Long Throw speaker 三分频远程音箱

➔ Install Size 安装尺寸:



Specification (系统参数)

Model 型号	M/HP	M/LP
Frequency response 频率响应	300Hz-18KHz	60Hz-300Hz
Directivity angle 辐射角度	H90° × V60°	H60° × V10°
Long-term power (RMS) 额定功率	300W	500W
Peak Power Handling 峰值功率	600W/5Min	1000W/5Min
Impedance 阻抗	8 ohms	8 ohms
Sensitivity 灵敏度	115dB(2.83v/m)	111dB(2.83v/m)
Maximum SPL 最大声压		141dB
Connection 接线方式		2×NL 8 Speaker
Enclosure Construction 箱体		18层多层夹板 18-Plywood
Cabinet Surface Treatment 表面处理	Black Catalysed Polyurethane Paint 黑色催化聚氨酯漆	
Dimensions (H x W x D) 箱体尺寸	1056×580×655mm	
Low 低频	15 IN×1(380mm)	
Mid 中频	10 IN×1(260mm)	
High 高频	3 IN×1(72mm)	
N. W. 重量	83Kg	

Description (描述)

F1-LA is consist of one 3"compress driver one 10" MF and one 15" loudspeaker ,trapezoidal enclosure , structure compact ,clear and high efficiency reversion performance,inside HF proction device.

F1-LA 使用一个3" 高音驱动器、一个10" 中音驱动器和一个15" 低音驱动器，梯形箱体设计，结构紧凑，清晰、高效还原性能，内置高频驱动器保护装置。

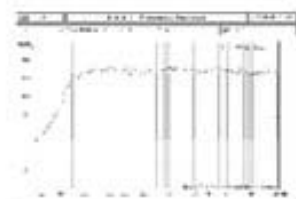
Features (特性)

- ➔ Super long throw distance ➔ 长冲程远距离
- ➔ High power output ➔ 大功率输出
- ➔ High sensitivity output ➔ 高灵敏度输出

Applications (应用)

- ➔ Suitable for kinds of large outside or inside performance.
- ➔ 适用于各类户外演出，和大型户内演出。

The technique diagram shows (技术图示)



Sensitivity Curve
灵敏度曲线图

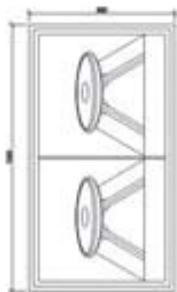


F1-LB

Subwoofer speaker 超低音音箱

→ Install Size 安装尺寸:

Front (正面)



Rear (后面)



Side (侧面)



Top (顶面)



Specification (系统参数)

Frequency response 频率响应	38Hz-250Hz
Directivity angle 辐射角度	
Long-term power (RMS) 额定功率	1600W
Peak Power Handling 峰值功率	3200W/5Min
Impedance 阻抗	4 ohms
Sensitivity 灵敏度	106dB (2.83v/m)
Maximum SPL 最大声压	133dB
Connection 接线方式	2×NL 8 Speakon
Enclosure Construction 箱体	18层多层夹板 18-Plywood
Cabinet Surface Treatment 表面处理	Black Catalyzed Polyurethane Paint 黑色催化聚氨酯漆
Dimensions (H x W x D) 箱体尺寸	1056×580×800mm
Low 低频	18 IN×2 (460mm)
N.W. 重量	85Kg

Description (描述)

F1-LB is consist of two 18" loudspeaker drivers ,trapezoidal enclosure ,structure compact ,clear and high efficiency reversion performance.

F1-LB 使用两个18" 低音驱动器，梯形箱体设计，结构紧凑，清晰、高效还原性能。

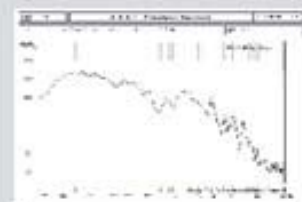
Features (特性)

- High sensitivity output
- High power output
- Enclosure design like horn pattern
- 高灵敏度输出
- 大功率输出
- 号角式箱体设计

Applications (应用)

- F1-LB series is designed for high SPL ,it is special for outdoor large public address system ,
- large flow performance system and so on ,Combine with F1-LA.
- F1系统音箱系统是专门为需要非常高声压的场合而设计的，重点针对户外大型现场扩声系统，
- 大型流动性演出系统等。配合F1-LA使用。

The technique diagram shows (技术图示)



Sensitivity Curve
灵敏度曲线图



Our LT series is our Seer Audio one of the high-tech products, big power, High SPL of each cabinet. Long throw, distortion-free, more power sound energy delivery to farther area, Precise Directivity Wide Frequency Spectrum. Integrated Flying hardware, It's easy for installation. Suitable use in outdoor big live show, Sporting Venues big showplace. Sound effect is loud and clear, because of the high quality and powerful component

LT远程系列是seer品牌的高端系列产品之一。LT系列的特点是足功率、声压大、射程远、效率高、高保真还原。本款远程音箱套装特别适宜于大型的场所，如户内外广场、大型的室内演艺厅、体育运动场馆等。这款音箱运用了最新的科研成果，最新的设计概念，给seer朝声用途的产品带来了多项革命性的技术突破，将许多刚开发研究成功的国外最新高档产品上应用的尖端技术带到您的手中。使用灵活，新型悬挂组件，使安装快速，可靠。以其良好的清晰度、强劲功率。

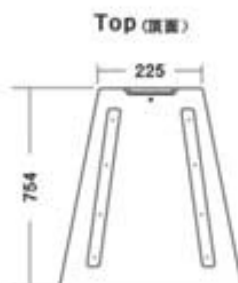
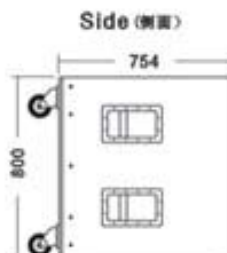
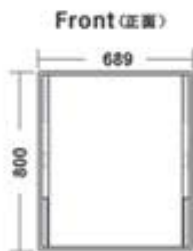




LT-L

2-WAY full-range loudspeaker 两分频全频音箱

➔ Install Size 安装尺寸:



Specification (系统参数)

Frequency response 频率响应	40Hz-230Hz ±3
Directivity angle 辐射角度	Shape 角度: 22.5° Trapezoid.
Long-term power (RMS) 额定功率	900W
Peak Power Handling 峰值功率	3600W/5Min
Impedance 阻抗	6 ohms
Sensitivity 灵敏度	107dB (2.83v/m)
Maximum SPL 最大声压	142dB
Connection 接线方式	1×NL 4 Speakon
Enclosure Construction 箱壳	16厘桦木夹板 15-Birch Plywood
Cabinet Surface Treatment 表面处理	Black Catalyzed Polyurethane Paint 黑色催化聚氨酯漆
Dimensions (H x W x D) 箱体尺寸	800×689×754mm
Low 低频	18 IN×1 (460mm)
High 高频	
N. W. 重量	70Kg

Description (描述)

LT-L is consist of one 18" loudspeaker , trapezoidal enclosure ,structure compact ,clear and high efficiency reversion performance.

LT-L 是由一只18寸 ϕ 460mm 扬声器的直接辐射式低音音响, 经过精心迷音号角设计, 使单元功率承受能力得以增强, 低频的转换效率得以提高, 具有较小的失真数值的较大声压级, 能输出具有高灵敏的、深沉且有力的低频。

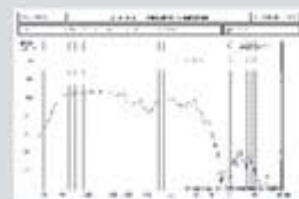
Features (特性)

- ➔ High sensitivity output
- ➔ High power output
- ➔ Voice coil(ϕ 460mm)18" loudspeaker
- ➔ 高灵敏度输出
- ➔ 大功率输出
- ➔ 18寸喇叭 ϕ 460mm

Applications (应用)

- ➔ Kinds of large performance ,large Disco, large plaza, gym and kinds of large place .
- ➔ 各类超大型演出、大型演艺厅、大型Disco、大型广场、大型体育馆以及各类大型场所作用。

The technique diagram shows (技术图示)



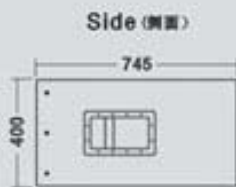
Sensitivity Curve
灵敏度曲线图



LT-H

**2-WAY
full-range loudspeaker
两分频全频音箱**

➔ **Install Size 安装尺寸:**



Specification (系统参数)

Frequency response 频率响应	220Hz-19KHz±3dB
Directivity angle 辐射角度	H75° × V30°
Long-term power (RMS) 额定功率	700W (HF/MF)
Peak Power Handling 峰值功率	2800W (HF/MF)
Impedance 阻抗	8 ohms
Sensitivity 灵敏度	107dB (2.83v/m)
Maximum SPL 最大声压	140dB (HF/MF)
Connection 接线方式	2×NL 8 Speakon
Enclosure Construction 箱体	15厘桦木夹板 15-Birch Plywood
Cabinet Surface Treatment 表面处理	Black Catalyzed Polyurethane Paint 黑色催化聚氨酯面漆
Dimensions (H x W x D) 箱体尺寸	400×689×754mm
Low 低频	10 IN×1 (260mm)
High 高频	3 IN×1 (75mm)
N.W. 重量	45Kg

Description (描述)

LT-H consists of one 3" compress driver and one 10" loudspeaker, trapezoidal enclosure, structure compact, clear and high efficiency reversion performance, HF driver protection device inside.

LT-H 单元与一个梯形铝制框组成一个整体。是恒指向性号筒负载的2分频音响。由一只10寸φ260mm 扬声器和一只3寸口径φ75 mm音圈Seer的远射程高音驱动器组成。

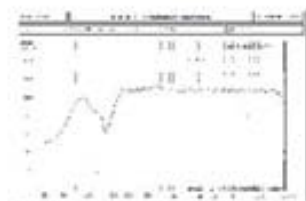
Features (特性)

- ➔ long throw distance
- ➔ 2-way long throw
- ➔ Crossbow Flying system cabinet hardware.
- ➔ 超长投射距离
- ➔ 两分频设计
- ➔ 特制方便音箱吊挂件

Applications (应用)

- ➔ Kinds of large performance, large Disco, large plaza, gym and kinds of large place.
- ➔ 各类超大型演出、大型演艺厅、大型Disco、大型广场、大型体育馆以及各类大型场所

The technique diagram shows (技术图示)



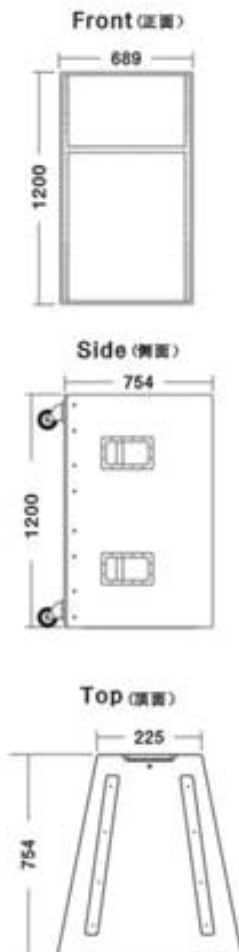
**Sensitivity Curve
灵敏度曲线图**



LT-LH

**3-WAY
full-range loudspeaker
三分频全频音箱**

➔ Install Size 安装尺寸:



Specification (系统参数)

Frequency response 频率响应	40Hz-19KHz±3dB
Directivity angle 辐射角度	H75° × V30°
Long-term power (RMS) 额定功率	900W/700W (LF, HF/MF)
Peak Power Handling 峰值功率	3600W/2800W (LF, HF/MF)
Impedance 阻抗	6ohms/8ohms (LF, HF/MF)
Sensitivity 灵敏度	107dB (2.83v/m)
Maximum SPL 最大声压	142dB/140 dB (LF, HF/MF)
Connection 接线方式	2×NL 8 Speakon
Enclosure Construction 箱体	18厘桦木夹板 15-Birch Plywood
Cabinet Surface Treatment 表面处理	Black Catalyzed Polyurethane Paint 黑色催化聚氨酯面漆
Dimensions (H x W x D) 箱体尺寸	1200×689×754mm
Low 低频	18 IN×1 (460mm)
Mid 中音	10 IN×1 (260mm)
High 高频	3 IN×1 (76mm)
N.W. 重量	98Kg

Description (描述)

LT-L and LT-H combine together as a big 3-way speaker system LT-LH, the power endure lever has been greatly improved, which create an incredible sound effect.

LT-L 和 LT-H 结合组成LT-LH一个大型三分频的线性系统, 再经过seer 扬声器精湛技术, 大大提高扬声器承受功率及振幅强度, 在许多演出场地可以不加超低都能感受到低频的节奏感。

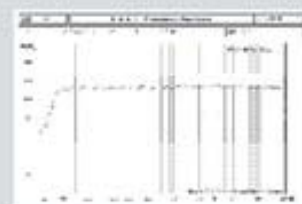
Features (特性)

- ➔ long throw distance
- ➔ 3-way long throw
- ➔ Crossbow Flying system cabinet hardware.
- ➔ 超长投射距离
- ➔ 三分频设计
- ➔ 特制方便音箱吊挂件

Applications (应用)

- ➔ Kinds of large performance .large Disco, large plaza, gym and kinds of large place .
- ➔ 各类超大型演出、大型演艺厅、大型Disco、大型广场、大型体育馆以及各类大型场所作用, 与 低音音箱配套使用效果出色无比。

The technique diagram shows (技术图示)



**Sensitivity Curve
灵敏度曲线图**



Indoor Installation Speaker Series 慢摇吧工程系列



www.seeraudio.com



PSII Series systems include full-range systems, subwoofer and low frequency cabinets. PS Series systems are engineered to maintain the inherent coherency of two-way designs in the broadest practical range of applications. Advanced cone transducers deliver maximum output and thermal stability. Uses a unique cabinet design and rotatable constant directivity asymmetrical dispersion horn to provide both PA and stage monitor performance. This series use enclosures PS processor make perfect, powerful and strong sound effect. Great sound systems start with great speakers. Start your today with Seer Audio PSII series audio system.

PSII系列全频音箱，均采用国外多层桦木夹板精制而成的箱体，结构紧凑，可在高要求的扩声水平的场合中，展现出该系列中高频的分析力高，穿透力强、清晰细腻、低频浑厚强劲，与PS-15B、PS-18B超低音箱配合使用，和采用优良的无源滤波技术，更能呈现出它的清晰、亮丽、强劲的中频响应。

PSII系列箱可透过良好的系统配置，搭配Seer PS 电子处理器，更令人产生惊讶及至完美的声场效果，适用于大型Disco歌舞厅、多功能厅及VIP卡拉OK房间使用。

设计特点：三脚架基座，多个绳眼吊装点和多角度设计的简单安装。



PS-8 II

2-WAY full-range speaker 两分频全频音箱

Install Size 安装尺寸:



Specification (系统参数)

Frequency response 频率响应	69Hz-20KHz
Directivity angle 辐射角度	H90° × V50°
Long-term power(RMS) 额定功率	200W
Peak Power Handling 峰值功率	400W/5Min
Impedance 阻抗	8 ohms
Sensitivity 灵敏度	96dB(2.83v/m)
Maximum SPL 最大声压	120dB
Connection 接线方式	2×NL 4 Speakon
Enclosure Construction 箱体	15层桦木夹板 15-Birch Plywood
Cabinet Surface Treatment 表面处理	Black Catalyzed Polyurethane Paint 黑色催化聚氨酯漆
Dimensions(H x W x D) 箱体尺寸	415×255×220mm
Low 低频	8 IN×1 (210mm)
High 高频	1.5 IN×1 (34mm)
N.W. 重量	10Kg

Description (描述)

PS-8 II driver protection device is consist of one 8" LF loudspeaker an and one 1.5" compress driver, trapezoidal enclosure and driver protection equipment inside are a perfect combination.

PS-8 II 使用一个1.5" 高音驱动器和一个8" 低音驱动器，梯形箱体设计，结构紧凑，清晰、高效还原性能，内置高频驱动器保护装置。

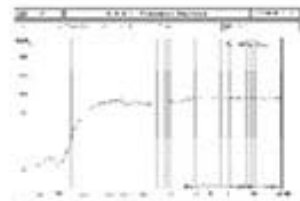
Features (特性)

- 2-way full range loudspeaker
- High sensitivity output
- High power output
- 两路全频设计
- 高灵敏度输出
- 大功率输出

Applications (应用)

- KTV, Coffee shop, Church, club, conference room and Multi-function hall.
- 豪华慢摇吧、咖啡厅、礼堂、俱乐部、会议室以及多功能厅。

The technique diagram shows (技术图示)



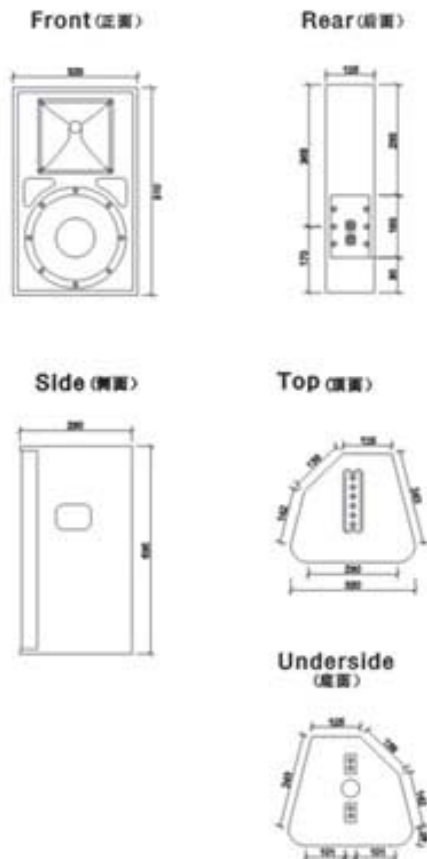
Sensitivity Curve
灵敏度曲线图



PS-10 II

**2-WAY
full-range loudspeaker
两分频全频音箱**

➔ **Install Size 安装尺寸:**



Specification (系统参数)

Frequency response 频率响应	65Hz-20KHz
Directivity angle 辐射角度	±90° × 750°
Long-term power(RMS) 额定功率	300W
Peak Power Handling 峰值功率	600W/5Min
Impedance 阻抗	8 ohms
Sensitivity 灵敏度	98dB(2.83v/m)
Maximum SPL 最大声压	125dB
Connection 接线方式	2×NL 4 Speaker
Enclosure Construction 箱体	15mm 桦木夹板 15-Birch Plywood
Cabinet Surface Treatment 表面处理	Black Catalyzed Polyurethane Paint 黑色催化聚氨酯漆
Dimensions(H x W x D) 箱体尺寸	510×315×280mm
Low 低频	10 IN×1(260mm)
High 高频	2 IN×1(44mm)
N.W. 重量	15Kg

Description (描述)

PS-10II is consist of one 10" LF speaker and one 2" compress driver, trapezoidal enclosure, driver protection device inside.

PS-10II 使用一个2寸高音驱动器和一个10寸的低音驱动器，梯形箱体设计，结构紧凑，清晰、高效还原性能，内置高效驱动器保护装置。

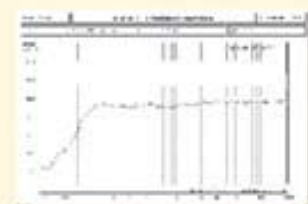
Features (特性)

- ➔ Ultra-compact 2-way system
- ➔ 15mm birch plywood
- ➔ High power output
- ➔ 两分频设计
- ➔ 15mm桦木夹板
- ➔ 大功率输出

Applications (应用)

- ➔ Club installs, KTV, conference room, Coffee shop, Live performance and Multi-function hall.
- ➔ 慢摇吧、俱乐部安装、KTV、会议室、咖啡厅、演出以及多功能厅等。

The technique diagram shows (技术图示)



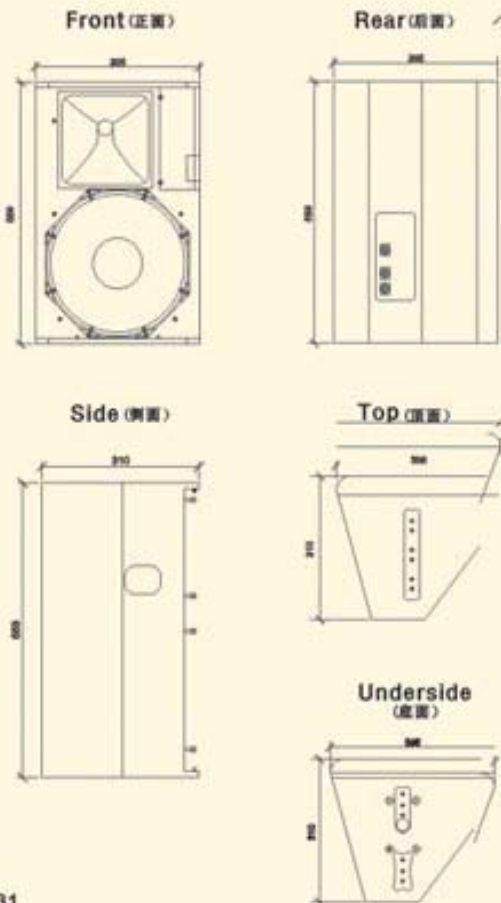
**Sensitivity Curve
灵敏度曲线图**



PS-12 II

2-WAY full-range speaker 两分频全频音箱

Install Size 安装尺寸:



Specification (系统参数)

Frequency response 频率响应	55Hz-20KHz
Directivity angle 辐射角度	H90° × V50°
Long-term power (RMS) 额定功率	400W
Peak Power Handling 峰值功率	800W/5Min
Impedance 阻抗	8 ohms
Sensitivity 灵敏度	100dB(2.83v/m)
Maximum SPL 最大声压	128dB
Connection 接线方式	3XSpeaker NL 4R
Enclosure Construction 箱体	15mm 桦木夹板 15-Birch Plywood
Cabinet Surface Treatment 表面处理	Black Catalyzed Polyurethane Paint 黑色催化聚氨酯漆
Dimensions (H x W x D) 箱体尺寸	559×395×310mm
Low 低频	12 IN×1 (310mm)
High 高频	2 IN×1 (44mm)
N.W. 重量	19Kg

Description (描述)

PS-12 II is consist of one 12" LF loudspeaker and one 2" compress driver, trapezoidal enclosure, driver protection device inside.

PS-12 II 使用一个2寸高音驱动器和一个12寸的低音驱动器，梯形箱体设计，结构紧凑，清晰、高效还原性能，内置高效驱动器保护装置。

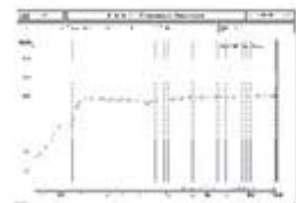
Features (特性)

- Ultra-compact 2-way system
- 15mm birch plywood
- Multi-function system
- High power output
- 两分频设计
- 15mm桦木夹板
- 多功能系统
- 大功率输出

Applications (应用)

- Club installs, KTV, conference room, Coffee shop, Live performance and Multi-function hall.
- 俱乐部安装、KTV、会议室、咖啡厅、演出以及多功能厅等。

The technique diagram shows (技术图示)



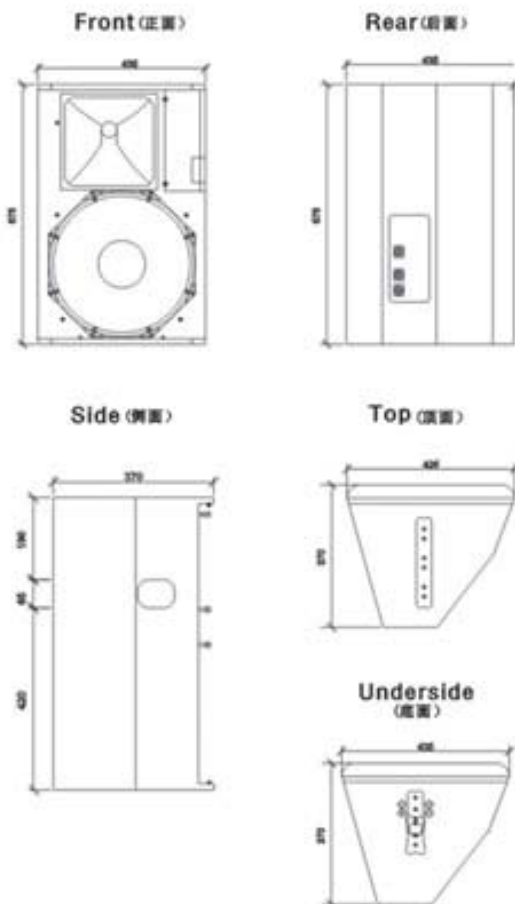
Sensitivity Curve
灵敏度曲线图



PS-15 II

**2-WAY
full-range speaker
两分频全频音箱**

➤ **Install Size 安装尺寸:**



Specification (系统参数)

Frequency response 频率响应	50Hz-18KHz
Directivity angle 辐射角度	H90° × V50°
Long-term power (RMS) 额定功率	600W
Peak Power Handling 峰值功率	1200W/5Min
Impedance 阻抗	8 ohms
Sensitivity 灵敏度	102dB (2.83v/m)
Maximum SPL 最大声压	132dB
Connection 接线方式	3×Speakon NL 4R
Enclosure Construction 箱壳	15mm Birch Plywood 15-层桦木夹板
Cabinet Surface Treatment 表面处理	Black Catalysed Polyurethane Paint 黑色催化聚氨酯漆
Dimensions (H x W x D) 箱体尺寸	675×435×370mm
Low 低频	15 IN×1 (380mm)
High 高频	3 IN×1 (72mm)
N. W. 重量	27Kg

Description (描述)

PS-15II is consist of one 15" LF loudspeker and one 3" compress driver, trapezoidal enclosure, with built-in driver protection equipment.

PS-15II使用一个3寸高音驱动器和一个15寸的低音驱动器，梯形箱体设计，结构紧凑，清晰、高效还原性能，内置高效驱动器保护装置。

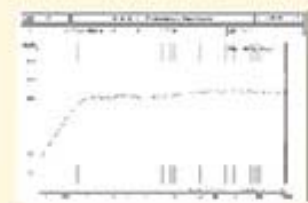
Features (特性)

- Ultra-compact 2-way system
- 15mm birch plywood
- High power output
- 两分频设计
- 15mm桦木夹板
- 大功率输出

Applications (应用)

- Club installs, KTV, conference room, Coffee shop, Live performance and Multi-function hall.
- 酒吧、俱乐部安装、KTV、会议室、咖啡厅、演出以及多功能厅等。

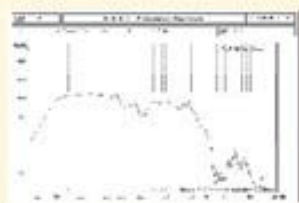
The technique diagram shows (技术图示)



**Sensitivity Curve
灵敏度曲线图**



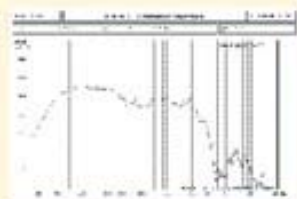
PS-400



Sensitivity Curve
灵敏度曲线图



PS-600

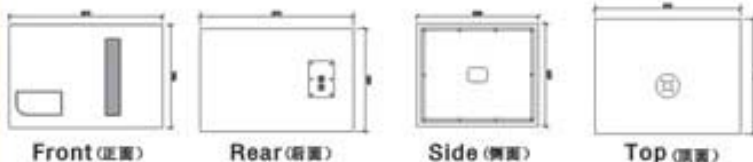


Sensitivity Curve
灵敏度曲线图

Specification (系统参数)

Frequency response 频率响应	50Hz-250Hz
Directivity angle 辐射角度	
Long-term power (RMS) 额定功率	600W
Peak Power Handling 峰值功率	1000W/5Min
Impedance 阻抗	8 ohms
Sensitivity 灵敏度	98dB (2.83v/m)
Maximum SPL 最大声压	110dB
Connection 接线方式	2×NL 4 Speaker
Enclosure Construction 箱壳	15层桦木夹板 15-Birch Plywood
Cabinet Surface Treatment 表面处理	Black Catalyzed Polyurethane Paint 黑色催化聚氨酯漆
Dimensions (H x W x D) 箱体尺寸	670×450×530mm
Low 低频	15 IN×1 (380mm)
High 高频	
N.W. 重量	41Kg

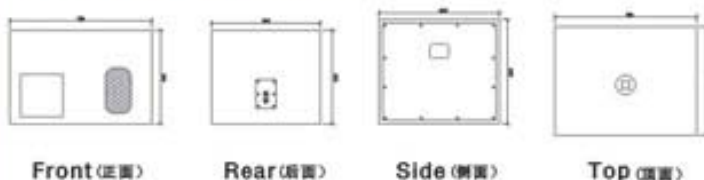
Install Size 安装尺寸:



Specification (系统参数)

Frequency response 频率响应	45Hz-250Hz
Directivity angle 辐射角度	
Long-term power (RMS) 额定功率	600W
Peak Power Handling 峰值功率	1200W/5Min
Impedance 阻抗	8 ohms
Sensitivity 灵敏度	100dB (2.83v/m)
Maximum SPL 最大声压	115dB
Connection 接线方式	2×NL 4 Speaker
Enclosure Construction 箱壳	15层桦木夹板 15-Birch Plywood
Cabinet Surface Treatment 表面处理	Black Catalyzed Polyurethane Paint 黑色催化聚氨酯漆
Dimensions (H x W x D) 箱体尺寸	515×780×600mm
Low 低频	18 IN×1 (460mm)
High 高频	
N.W. 重量	55Kg

Install Size 安装尺寸:





Professional sound
SEER[®]

The BF series range provides a Seer Audio solution to the growing demands of both the portable and fixed installation markets. Years of knowledge and technical expertise gleaned from our heritage in the international touring market have been included in the innovative BF Series. The BF series syncretism high efficiency characteristic both compact speaker box and wide frequency response. This series designed for use in a variety of full-range, can be augmented with BF series sub-bass enclosures and an BF processor.

BF系列是Seer全频音域的高端的产品。BF是基于PS系列的技术，在许多场合表现非常出色，如慢摇吧、酒吧、咖啡厅以及各种类型演艺厅，满足高要求的广大行业消费者，而是BF在行业中具有最高的性价比，同时还得到行业的认同和好评的声誉。由于多项新技术的采用，使传统准确优美的音色与现代流行色相结合，使 seer 产品给你带来全新的感受，为您提供一个优秀的发展平台，独有的甜美音色、层次丰富、人声突出、音域宽广、动感力强、令你爱不释手。

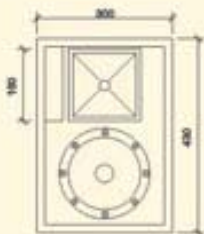


BF-8

2-WAY full-range speaker 两分频全频音箱

Install Size 安装尺寸:

Front (正面)



Rear (后面)



Side (侧面)



Top (顶面)



Underside (底面)



Specification (系统参数)

Frequency response 频率响应	70Hz-20KHz
Directivity angle 辐射角度	H90° × V60°
Long-term power (RMS) 额定功率	150W
Peak Power Handling 峰值功率	300W/5Min
Impedance 阻抗	8 ohms
Sensitivity 灵敏度	93dB (2.83v/m)
Maximum SPL 最大声压	113dB
Connection 接线方式	2×NL 4 Speaker
Enclosure Construction 箱壳	18厘桦木夹板 18-Birch Plywood
Cabinet Surface Treatment 表面处理	Black/Grey Catalyzed Polyurethane Paint 黑/灰色催化聚氨酯漆
Dimensions (H x W x D) 箱体尺寸	430×300×270mm
Low 低频	8 IN×1 (210mm)
High 高频	2 IN×1 (44mm)
N. W. 重量	14Kg

Description (描述)

BF-8 is consist of one 2" compress driver and a 8" loudspeaker, trapezoidal enclosure, structure compact, clear and high efficiency reversion performance, inside HF driver protection device. BF-8 使用一个2" 高音驱动器和一个8" 低音驱动器, 梯形箱体设计, 结构紧凑, 清晰、高效还原性能, 内置高频驱动器保护装置。

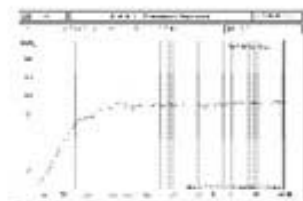
Features (特性)

- 2-way full range loudspeaker
- High sensitivity output
- High quality sound-restoration capability
- 两路全频设计
- 高灵敏度输出
- 高质量语音还原性能

Applications (应用)

- Church, auditorium, discotheque, club and kinds of performance.
- 礼堂、歌舞厅、迪厅、俱乐部、各类型演出活动, 监听使用

The technique diagram shows (技术图示)



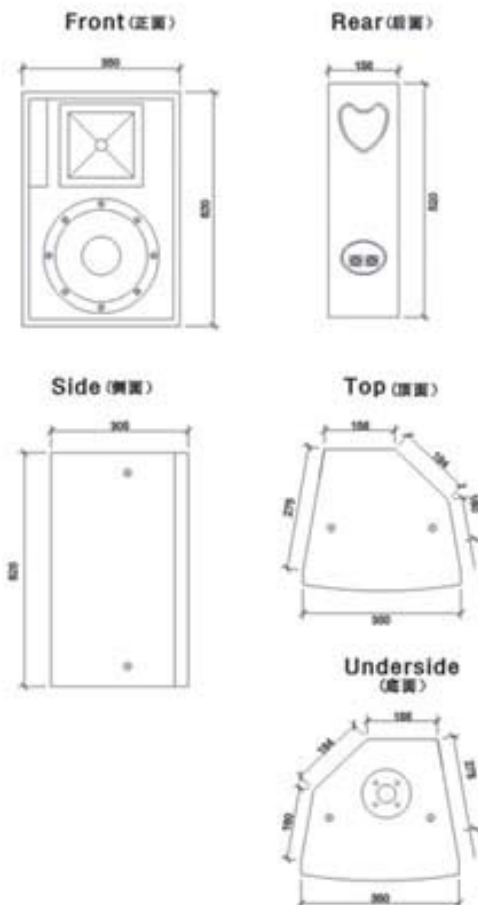
Sensitivity Curve
灵敏度曲线图



BF-10

**2-WAY
full-range speaker
两分频全频音箱**

➤ **Install Size 安装尺寸:**



Specification (系统参数)

Frequency response 频率响应	65Hz-20KHz
Directivity angle 辐射角度	90° × 95°
Long-term power (RMS) 额定功率	300W
Peak Power Handling 峰值功率	600W/5Min
Impedance 阻抗	8 ohms
Sensitivity 灵敏度	96dB (2.83v/m)
Maximum SPL 最大声压	119dB
Connection 接线方式	2×NL 4 Speaker
Enclosure Construction 箱壳	18厘桦木夹板 18-Birch Plywood
Cabinet Surface Treatment 表面处理	Black/Grey Catalyzed Polyurethane Paint 黑/灰色催化聚氨酯喷漆
Dimensions (H x W x D) 箱体尺寸	520×350×305mm
Low 低频	10 IN×1 (260mm)
High 高频	2 IN×1 (44mm)
N.W. 重量	17Kg

Description (描述)

BF-10 is consist of one 2" compress driver and one 10" loudspeaker ,trapezoidal enclosure , structure compact ,clear and high efficiency reversion performance ,inside HF driver protection device .
BF-10 使用一个2" 高音驱动器和一个10" 低音驱动器, 梯形箱体设计, 结构紧凑, 清晰、高效还原性能, 内置高频驱动器保护装置。

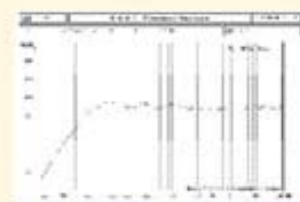
Features (特性)

- 2-way full range loudspeaker
- High sensitivity output
- High quality sound-restoration capability
- 两路全频设计
- 高灵敏度输出
- 高质量语音还原性能

Applications (应用)

- Church, auditorium, discotheque, club and kinds of performance.
- 礼堂、歌舞厅、迪厅、俱乐部、各类型演出活动, 监听使用

The technique diagram shows (技术图示)



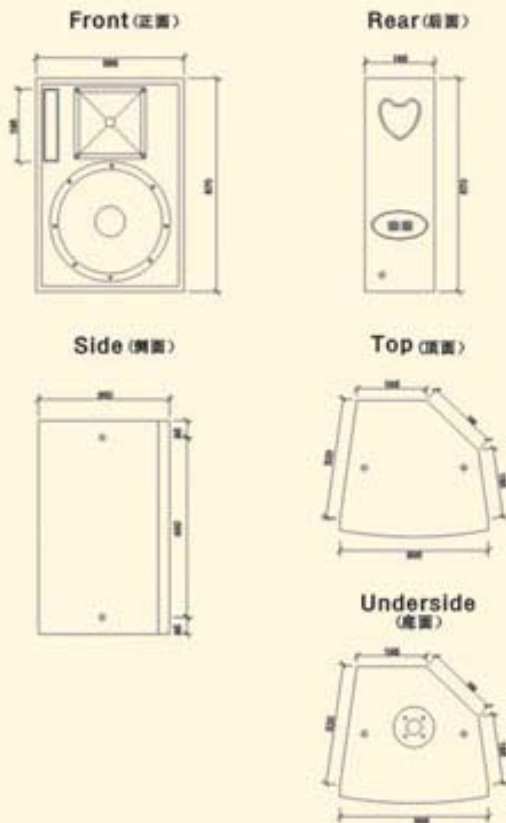
**Sensitivity Curve
灵敏度曲线图**



BF-12

2-WAY full-range loudspeaker 两分频全频音箱

Install Size 安装尺寸:



Specification (系统参数)

Frequency response 频率响应	65Hz-18KHz
Directivity angle 辐射角度	H90° × V50°
Long-term power (RMS) 额定功率	300W
Peak Power Handling 峰值功率	600W/5Min
Impedance 阻抗	8 ohms
Sensitivity 灵敏度	97dB(2.83v/m)
Maximum SPL 最大声压	120dB
Connection 接线方式	2×NL 4 Speaker
Enclosure Construction 箱壳	18层桦木夹板 18-Birch Plywood
Cabinet Surface Treatment 表面处理	Black/Grey Catalysed Polyurethane Paint 黑/灰色催化聚氨酯漆
Dimensions (H x W x D) 箱体尺寸	570×395×350mm
Low 低频	12 IN×1(310mm)
High 高频	2 IN×1(44mm)
N.W. 重量	21Kg

Description (描述)

BF-12 is consist of one 2" compress driver and one 12" loudspeaker ,trapezoidal enclosure . structure compact ,clear and high efficiency reversion performance ,inside HF driver protection device .

BF-12 使用一个2" 高音驱动器和一个12" 低音驱动器，梯形箱体设计，结构紧凑，清晰、高效还原性能，内置高频驱动器保护装置。

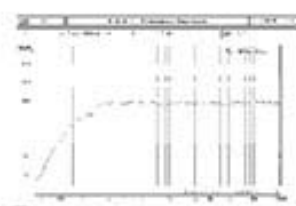
Features (特性)

- ➔ 2-way full range loudspeaker
- ➔ High sensitivity output
- ➔ High quality sound-restoration capability
- ➔ 两路全频设计
- ➔ 高灵敏度输出
- ➔ 高质量语音还原性能

Applications (应用)

- ➔ Church,auditolium,discotheque,club and kinds of performance.
- ➔ 礼堂、歌舞厅、迪厅、俱乐部、各类型演出活动，监听使用

The technique diagram shows (技术图示)



Sensitivity Curve
灵敏度曲线图



BF-15

**2-WAY
full-range speaker**
两分频全频音箱

➔ **Install Size 安装尺寸:**



Specification (系统参数)

Frequency response 频率响应	55Hz-18KHz
Directivity angle 辐射角度	890° × 950°
Long-term power (RMS) 额定功率	400W
Peak Power Handling 峰值功率	800W/5Min
Impedance 阻抗	8 ohms
Sensitivity 灵敏度	99dB(2.83v/m)
Maximum SPL 最大声压	125dB
Connection 接线方式	2×Speakon NL 4R
Enclosure Construction 箱体	18厘榉木夹板 18-Birch Plywood
Cabinet Surface Treatment 表面处理	Black/Grey Catalysed Polyurethane Paint 黑/灰色催化聚氨酯漆
Dimensions(H x W x D) 箱体尺寸	690×470×420mm
Low 低频	15 IN×1 (380mm)
High 高频	3 IN×1 (75mm)
N.W. 重量	30Kg

Description (描述)

BF-15 is consist of one 3" compress driver and one 15" loudspeaker ,trapezoidal enclosure , structure compact ,clear and high efficiency reversion performance ,inside HF driver protection device .

BF-15 使用一个3" 高音驱动器和一个15" 低音驱动器，梯形箱体设计，结构紧凑，清晰、高效还原性能，内置高频驱动器保护装置。

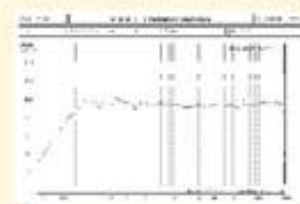
Features (特性)

- ➔ 2-way full range loudspeaker
- ➔ High sensitivity output
- ➔ High quality sound-restoration capability
- ➔ 两路全频设计
- ➔ 高灵敏度输出
- ➔ 高质语音还原性能

Applications (应用)

- ➔ Church,auditotium,discotheque,club and kinds of performance.
- ➔ 礼堂、歌舞厅、迪厅、俱乐部、各类型演出活动，监听使用

The technique diagram shows (技术图示)



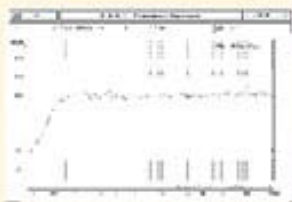
Sensitivity Curve
灵敏度曲线图



BF-SERIES



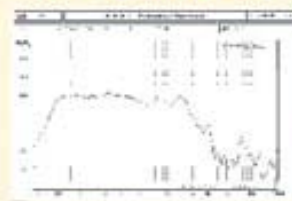
BF-215



Sensitivity Curve
灵敏度曲线图



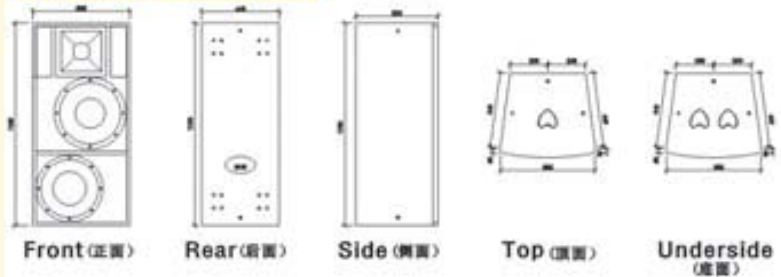
BF-15B



Sensitivity Curve
灵敏度曲线图

Frequency response 频率响应	45Hz-18KHz
Directivity angle 辐射角度	H90° × V50°
Long-term power (RMS) 额定功率	800W
Peak Power Handling 峰值功率	1600W/5Min
Impedance 阻抗	4 ohms
Sensitivity 灵敏度	101dB (2.83v/m)
Maximum SPL 最大声压	128dB
Connection 接线方式	2×NL 4 Speakon
Enclosure Construction 箱体	18层桦木夹板 18-Birch Plywood
Cabinet Surface Treatment 表面处理	Black/Grey Catalyzed Polyurethane Paint 黑/灰色催化聚氨酯漆
Dimensions (H x W x D) 箱体尺寸	1160×655×500mm
Low 低频	15 IN×2 (380mm)
High 高频	3 IN×1 (75mm)
N.W. 重量	53Kg

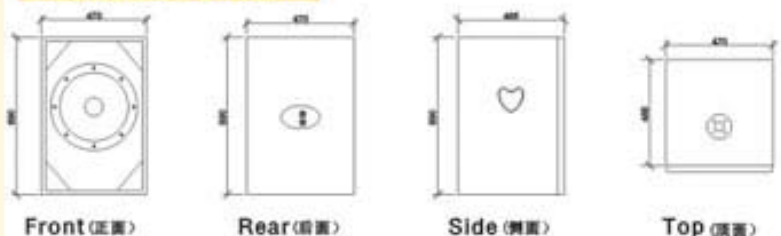
Install size (安装尺寸)



Specification (系统参数)

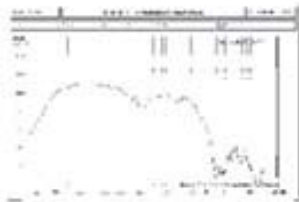
Frequency response 频率响应	45Hz-300KHz
Directivity angle 辐射角度	
Long-term power (RMS) 额定功率	500W
Peak Power Handling 峰值功率	1000W/5Min
Impedance 阻抗	8 ohms
Sensitivity 灵敏度	98dB (2.83v/m)
Maximum SPL 最大声压	123dB
Connection 接线方式	2×NL 4 Speakon
Enclosure Construction 箱体	18层桦木夹板 18-Birch Plywood
Cabinet Surface Treatment 表面处理	Black/Grey Catalyzed Polyurethane Paint 黑/灰色催化聚氨酯漆
Dimensions (H x W x D) 箱体尺寸	690×470×465mm
Low 低频	15 IN×1 (380mm)
High 高频	
N.W. 重量	33Kg

Install size (安装尺寸)





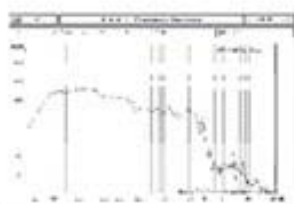
BF-18B



Sensitivity Curve
灵敏度曲线图



BF-218

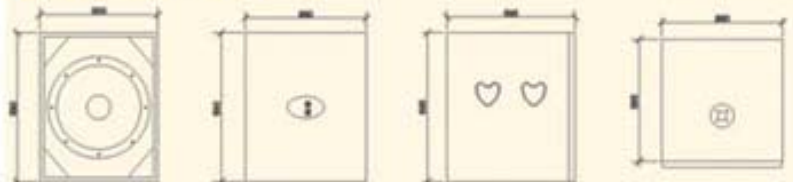


Sensitivity Curve
灵敏度曲线图

Specification (系统参数)

Frequency response 频率响应	40Hz-250Hz
Directivity angle 辐射角度	
Long-term power (RMS) 额定功率	600W
Peak Power Handling 峰值功率	1200W/5Min
Impedance 阻抗	8 ohms
Sensitivity 灵敏度	99dB (2.83v/m)
Maximum SPL 最大声压	125dB
Connection 接线方式	2×NL 4 Speaker
Enclosure Construction 箱体	18层桦木夹板 18-Birch Plywood
Cabinet Surface Treatment 表面处理	Black/Gray Catalysed Polyurethane Paint 黑/灰色催化聚氨酯漆
Dimensions(H x W x D) 箱体尺寸	690×560×595mm
Low 低频	18 IN×1(460mm)
N.W. 重量	38Kg

Install size (安装尺寸)



Front (正面)

Rear (后面)

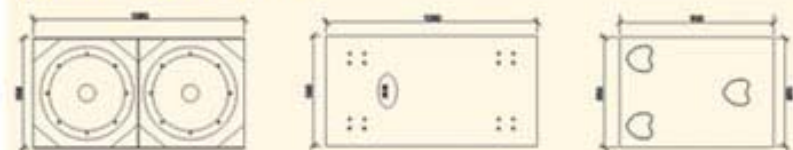
Side (侧面)

Top (顶面)

Specification (系统参数)

Frequency response 频率响应	35Hz-250Hz
Directivity angle 辐射角度	
Long-term power (RMS) 额定功率	1200W
Peak Power Handling 峰值功率	2400W/5Min
Impedance 阻抗	4 ohms
Sensitivity 灵敏度	104dB (2.83v/m)
Maximum SPL 最大声压	132dB
Connection 接线方式	2×NL 4 Speaker
Enclosure Construction 箱体	18层桦木夹板 18-Birch Plywood
Cabinet Surface Treatment 表面处理	Black/Gray Catalysed Polyurethane Paint 黑/灰色催化聚氨酯漆
Dimensions(H x W x D) 箱体尺寸	660×1060×780mm
Low 低频	18 IN×2(460mm)
High 高频	
N.W. 重量	71Kg

Install size (安装尺寸)



Front (正面)

Rear (后面)

Side (侧面)



Multifunctional Speaker Series

多功能演出系列



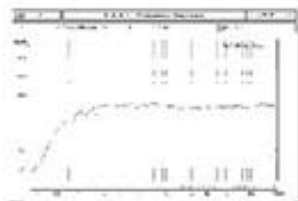
www.seeraudio.com

CT-SERIES

Professional sound



CT-108



Sensitivity Curve
灵敏度曲线图



CT is a project installation series; It is special design for big and middle performance outside and some entertainments. There is an exactitude Seer crossover inside, the sound release from the series have some advantages as follows:

Strong penetration low distortion

Inviting sound super high SPL

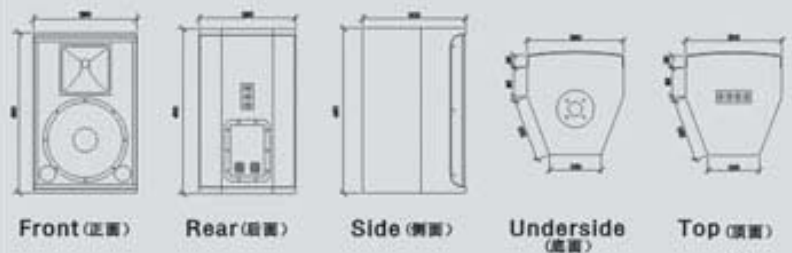
CT series adopting intellectual flying system series, which make CT series is very easy to be installed. It will take you less than half an hour to finish it. Application: Nightclub, KTV, coffee bar, club, meeting room, Disco and other entertainment.

CT 演出系列是专门为各种大、中型户内外演出及娱乐场所扩声要求而设计的工程安装系列。箱体内置SEER精选分频器而获得的最佳性能。为高品质声音之场所扩声而设计。其产品型号非常齐全，从单8"到双15"全频音域。从单15"到双18"超低音，能够满足任何场合的演出扩声。在大中型演出选用CT-252双15寸配以CT-118单18寸、CT-218双18寸大地震超低音及CT-12、CT-15大功率的监听音箱，线阵列组合、短阵组合。CT提供十分完美之声音特点，声压级高，穿透力强，失真率低，高Q值，动态范围大。CT系列设计有人性化滑轨的吊挂安装系统和音箱底面均有支撑孔设计。吊挂安装非常简易方便快捷，省时省力，你只需要两个操作者半小时就能完成整个系统的吊装。

Specification 系统参数:

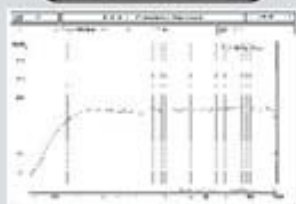
Frequency response 频率响应	80Hz-20KHz
Directivity angle 辐射角度	H90° × V60°
Long-term power (RMS) 额定功率	150W
Peak Power Handling 峰值功率	300W/5Min
Impedance 阻抗	8 ohms
Sensitivity 灵敏度	96dB(2.83v/m)
Maximum SPL 最大声压	118dB
Connection 接线方式	2×NL 4 Speaker
Enclosure Construction 箱体	18厘多层夹板 18-ply Plywood
Cabinet Surface Treatment 表面处理	Black Catalyzed Polyurethane Paint 黑色催化聚氨酯面漆
Dimensions (H x W x D) 箱体尺寸	480×260×300mm
Low 低频	8 IN×1 (210mm)
High 高频	1.5 IN×1 (34mm)
N.W. 重量	12.5Kg

Install size 安装尺寸





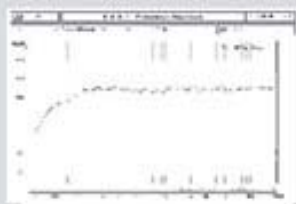
CT-110



Sensitivity Curve
灵敏度曲线图



CT-112

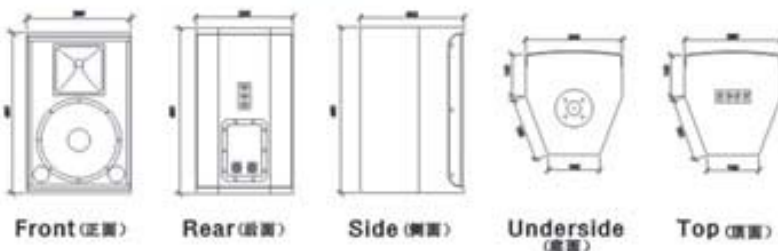


Sensitivity Curve
灵敏度曲线图

Specification 系统参数:

Frequency response 频率响应	70Hz-20KHz
Directivity angle 辐射角度	H90° × V60°
Long-term power(RMS) 额定功率	200W
Peak Power Handling 峰值功率	400W/5Min
Impedance 阻抗	8 ohms
Sensitivity 灵敏度	97dB(2.83v/m)
Maximum SPL 最大声压	120dB
Connection 接线方式	2×NL 4 Speakon
Enclosure Construction 箱体	18层多层夹板 18-ply Plywood
Cabinet Surface Treatment 表面处理	Black Catalyzed Polyurethane Paint 黑色催化聚氨酯面漆
Dimensions(H x W x D) 箱体尺寸	540×320×320mm
Low 低频	10 IN×1(260mm)
High 高频	1.5IN×1(34mm)
N.W. 重量	12Kg

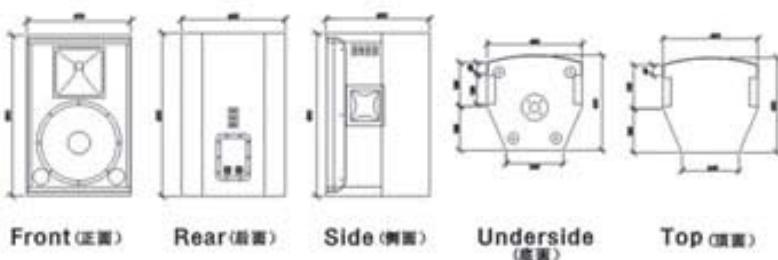
Install size 安装尺寸



Specification 系统参数:

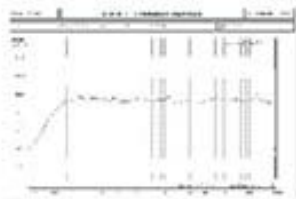
Frequency response 频率响应	60Hz-20KHz
Directivity angle 辐射角度	H90° × V60°
Long-term power(RMS) 额定功率	350W
Peak Power Handling 峰值功率	700W/5Min
Impedance 阻抗	8 ohms
Sensitivity 灵敏度	98dB(2.83v/m)
Maximum SPL 最大声压	123dB
Connection 接线方式	2×NL 4 Speakon
Enclosure Construction 箱体	18层多层夹板 18-ply Plywood
Cabinet Surface Treatment 表面处理	Black Catalyzed Polyurethane Paint 黑色催化聚氨酯面漆
Dimensions(H x W x D) 箱体尺寸	630×400×400mm
Low 低频	12 IN×1(310mm)
High 高频	2 IN×1(44mm)
N.W. 重量	25Kg

Install size 安装尺寸





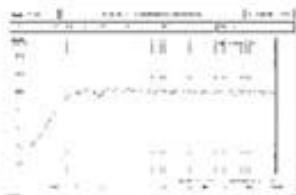
CT-115



Sensitivity Curve
灵敏度曲线图



CT-215

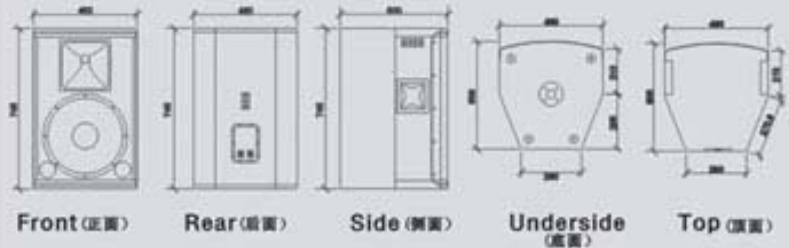


Sensitivity Curve
灵敏度曲线图

Specification 系统参数:

Frequency response 频率响应	50Hz-20KHz
Directivity angle 辐射角度	H90° × V60°
Long-term power (RMS) 额定功率	500W
Peak Power Handling 峰值功率	1000W/5Min
Impedance 阻抗	8 ohms
Sensitivity 灵敏度	99dB (2.83v/m)
Maximum SPL 最大声压	125dB
Connection 接线方式	2×NL 4 Speakon
Enclosure Construction 箱体	18层多层夹板 18-ply Plywood
Cabinet Surface Treatment 表面处理	Black Catalyzed Polyurethane Paint 黑色催化聚氨酯漆
Dimensions (H x W x D) 箱体尺寸	745×480×500mm
Low 低频	15 IN×1 (380mm)
High 高频	2 IN×1 (44mm)
N.W. 重量	34Kg

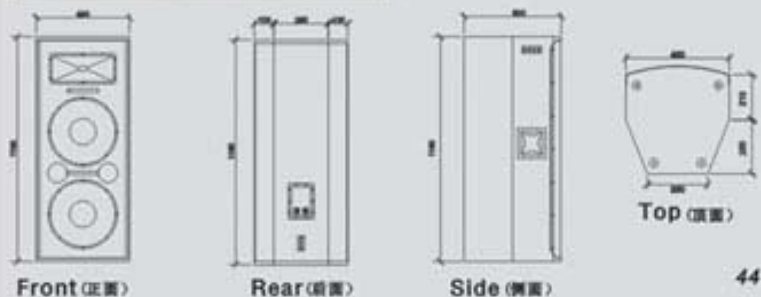
Install size 安装尺寸



Specification 系统参数:

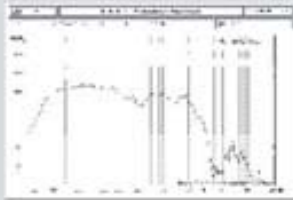
Frequency response 频率响应	50Hz-20KHz
Directivity angle 辐射角度	H90° × V60°
Long-term power (RMS) 额定功率	1000W
Peak Power Handling 峰值功率	2000W/5Min
Impedance 阻抗	4 ohms
Sensitivity 灵敏度	101dB (2.83v/m)
Maximum SPL 最大声压	128dB
Connection 接线方式	2×NL 4 Speakon
Enclosure Construction 箱体	18层多层夹板 18-ply Plywood
Cabinet Surface Treatment 表面处理	Black Catalyzed Polyurethane Paint 黑色催化聚氨酯漆
Dimensions (H x W x D) 箱体尺寸	1160×480×500mm
Low 低频	15 IN×2 (380mm)
High 高频	2 IN×1 (44mm)
N.W. 重量	65Kg

Install size 安装尺寸





CT-118B

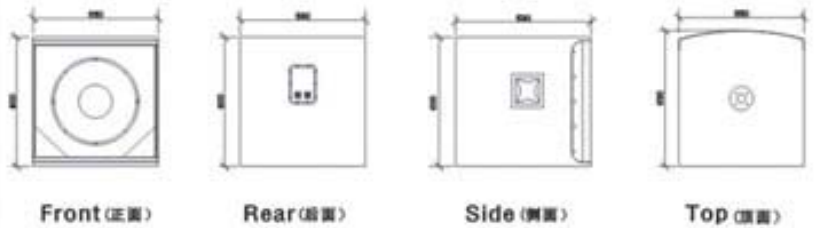


Sensitivity Curve
灵敏度曲线图

Specification 系统参数:

Frequency response 频率响应	45Hz-250Hz
Directivity angle 辐射角度	
Long-term power (RMS) 额定功率	500W
Peak Power Handling 峰值功率	1000W/5Min
Impedance 阻抗	8 ohms
Sensitivity 灵敏度	100dB (2.83v/m)
Maximum SPL 最大声压	125dB
Connection 接线方式	2×NL 4 Speaker
Enclosure Construction 箱体	18层多层夹板 18-ply Plywood
Cabinet Surface Treatment 表面处理	Black Catalyzed Polyurethane Paint 黑色催化聚氨酯漆
Dimensions (H x W x D) 箱体尺寸	600×580×630mm
Low 低频	18 IN×1 (460mm)
High 高频	
N.W. 重量	45Kg

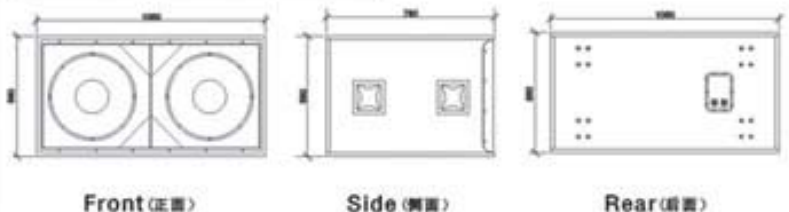
Install size 安装尺寸



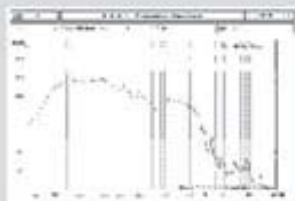
Specification 系统参数:

Frequency response 频率响应	40Hz-250Hz
Directivity angle 辐射角度	
Long-term power (RMS) 额定功率	1000W
Peak Power Handling 峰值功率	2000W/5Min
Impedance 阻抗	4 ohms
Sensitivity 灵敏度	102dB (2.83v/m)
Maximum SPL 最大声压	130dB
Connection 接线方式	2×NL 4 Speaker
Enclosure Construction 箱体	18层多层夹板 18-ply Plywood
Cabinet Surface Treatment 表面处理	Black Catalyzed Polyurethane Paint 黑色催化聚氨酯漆
Dimensions (H x W x D) 箱体尺寸	560×1060×780mm
Low 低频	18 IN×2 (460mm)
High 高频	
N.W. 重量	75Kg

Install size 安装尺寸



CT-218B

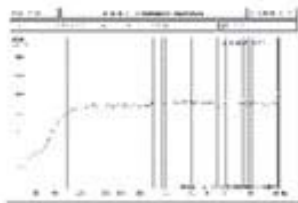


Sensitivity Curve
灵敏度曲线图

F-SERIES



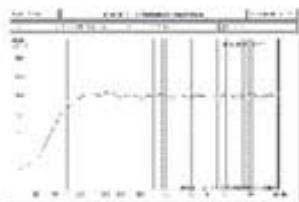
F-12



Sensitivity Curve
灵敏度曲线图



F-15

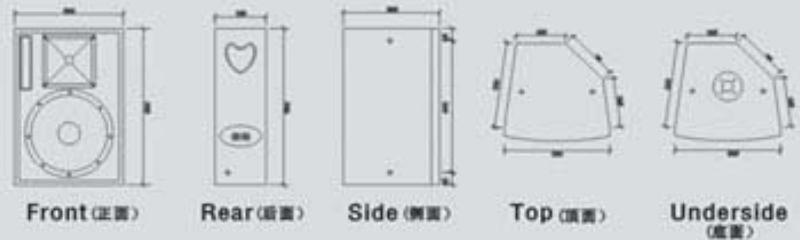


Sensitivity Curve
灵敏度曲线图

Specification 系统参数:

Frequency response 频率响应	45Hz-20KHz
Directivity angle 辐射角度	H90° × V60°
Long-term power (RMS) 额定功率	300W
Peak Power Handling 峰值功率	600W/5Min
Impedance 阻抗	8 ohms
Sensitivity 灵敏度	96dB (2.83v/m)
Maximum SPL 最大声压	124dB
Connection 接线方式	2×NL 4 Speakon
Enclosure Construction 箱体	18层桦木夹板 18-Birch Plywood
Cabinet Surface Treatment 表面处理	Black/Grey Catalyzed Polyurethane Paint 黑/灰色催化聚氨酯漆
Dimensions (H x W x D) 箱体尺寸	580×385×365mm
Low 低频	12 IN×1 (310mm)
High 高频	2 IN×1 (44mm)
N.W. 重量	25Kg

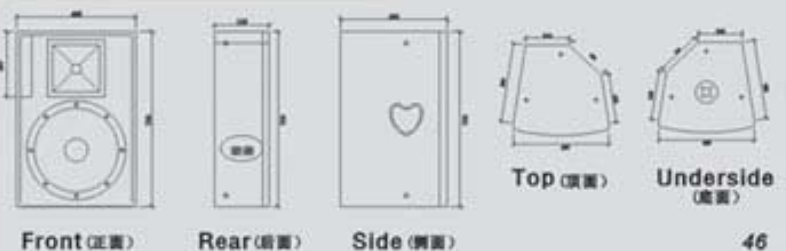
Install size 安装尺寸



Specification 系统参数:

Frequency response 频率响应	40Hz-20KHz
Directivity angle 辐射角度	H90° × V60°
Long-term power (RMS) 额定功率	400W
Peak Power Handling 峰值功率	800W/5Min
Impedance 阻抗	8 ohms
Sensitivity 灵敏度	96dB (2.83v/m)
Maximum SPL 最大声压	124dB
Connection 接线方式	2×NL 4 Speakon
Enclosure Construction 箱体	18层桦木夹板 18-Birch Plywood
Cabinet Surface Treatment 表面处理	Black/Grey Catalyzed Polyurethane Paint 黑/灰色催化聚氨酯漆
Dimensions (H x W x D) 箱体尺寸	700×455×430mm
Low 低频	15 IN×1 (380mm)
High 高频	2 IN×1 (44mm)
N.W. 重量	30Kg

Install size 安装尺寸

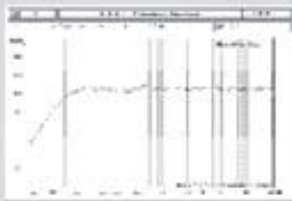




F-SERIES



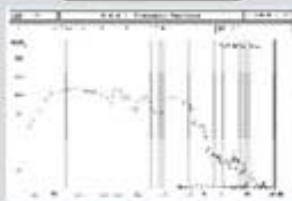
F-25



Sensitivity Curve
灵敏度曲线图



F-28B

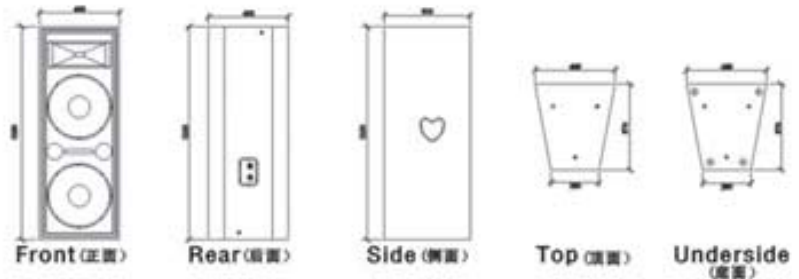


Sensitivity Curve
灵敏度曲线图

Specification 系统参数:

Frequency response 频率响应	40Hz-20KHz
Directivity angle 辐射角度	89° × 96°
Long-term power (RMS) 额定功率	800W
Peak Power Handling 峰值功率	1600W/5Min
Impedance 阻抗	4 ohms
Sensitivity 灵敏度	98dB(2.83v/m)
Maximum SPL 最大声压	125dB
Connection 接线方式	2×NL 4 Speaker
Enclosure Construction 箱壳	18厘梓木夹板 18-Birch Plywood
Cabinet Surface Treatment 表面处理	Black/Gray Catalyzed Polyurethane Paint 黑/灰色催化聚氨酯漆
Dimensions (H x W x D) 箱体尺寸	1220×485×500mm
Low 低频	15 IN×2 (380mm)
High 高频	2 IN×1 (44mm)
N.W. 重量	50Kg

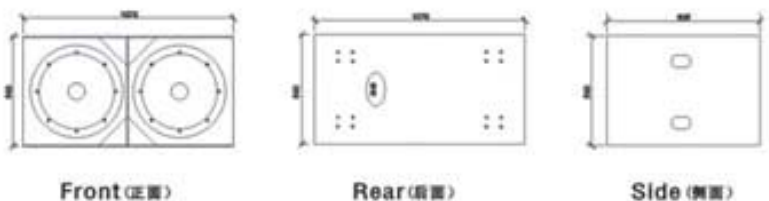
Install size 安装尺寸



Specification 系统参数:

Frequency response 频率响应	40Hz-250Hz
Directivity angle 辐射角度	
Long-term power (RMS) 额定功率	1000W
Peak Power Handling 峰值功率	2000W/5Min
Impedance 阻抗	4 ohms
Sensitivity 灵敏度	101dB(2.83v/m)
Maximum SPL 最大声压	134dB
Connection 接线方式	2×NL 4 Speaker
Enclosure Construction 箱壳	18厘梓木夹板 18-Birch Plywood
Cabinet Surface Treatment 表面处理	Black/Gray Catalyzed Polyurethane Paint 黑/灰色催化聚氨酯漆
Dimensions (H x W x D) 箱体尺寸	540×1070×605mm
Low 低频	18 IN×2 (460mm)
N.W. 重量	92Kg

Install size 安装尺寸



Q-SERIES

Seer[®]
Professional sound

Professional sound

Seer[®]

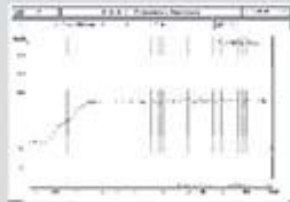


Q series is special design for all kinds of big and middle outdoor performance .it is including from single 8" to double 15" full range speakers. This series is well known for gentleness mid sound effect and natural, clear Low sound effect. The installation adopting intellectual flying system, you can finish the installation conveniently in a half an hour. Application: hi room, nightclub, piazza, meeting room, Disco and other entertainment.

Q 系列是专门为各种大、中型户内演出及娱乐场所扩声要求而设计的。其产品型号齐全，从单8"到双15"全频音域。Q系列中频柔和且清晰；低频纯正自然、耐听。Q系列设计有人性化滑轨的吊挂安装系统和音箱底面均有支撑孔设计。多个绳眼吊装点的多角度设计和简单有效的安装。吊挂安装非常简易方便快捷，省时省力；你只需要两个操作者半小时就能完成整个系统的吊装。



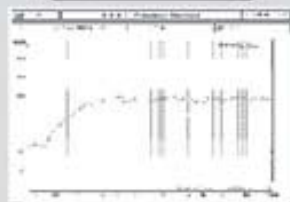
Q-110



Sensitivity Curve
灵敏度曲线图



Q-112

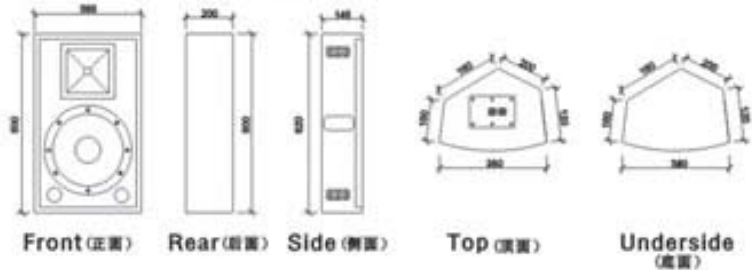


Sensitivity Curve
灵敏度曲线图

Specification 系统参数:

Frequency response 频率响应	70Hz-18KHz
Directivity angle 辐射角度	90° × V60°
Long-term power (RMS) 额定功率	250W
Peak Power Handling 峰值功率	500W/5Min
Impedance 阻抗	8 ohms
Sensitivity 灵敏度	97dB (2.83v/m)
Maximum SPL 最大声压	121dB
Connection 接线方式	2×NL 4 Speakon
Enclosure Construction 箱壳	18层多层夹板18-ply Plywood
Cabinet Surface Treatment 表面处理	Black Catalyzed Polyurethane Paint 黑色催化聚氨酯漆
Dimensions (H x W x D) 箱体尺寸	500×365×305mm
Low 低频	10 IN×1 (260mm)
High 高频	1.5 IN×1 (34mm)
N.W. 重量	15Kg

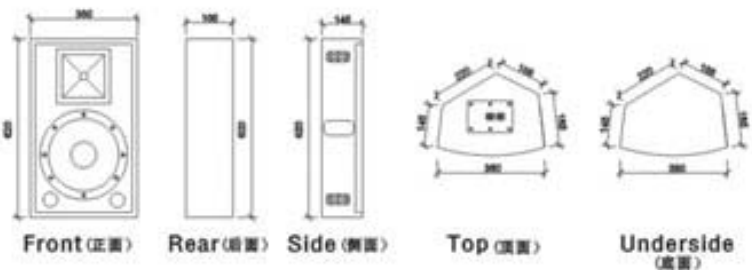
Install size 安装尺寸



Specification 系统参数:

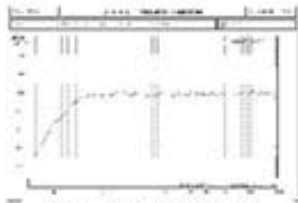
Frequency response 频率响应	65Hz-20KHz
Directivity angle 辐射角度	90° × V60°
Long-term power (RMS) 额定功率	350W
Peak Power Handling 峰值功率	700W/5Min
Impedance 阻抗	8 ohms
Sensitivity 灵敏度	100dB (2.83v/m)
Maximum SPL 最大声压	125dB
Connection 接线方式	2×NL 4 Speakon
Enclosure Construction 箱壳	18层多层夹板18-ply Plywood
Cabinet Surface Treatment 表面处理	Black Catalyzed Polyurethane Paint 黑色催化聚氨酯漆
Dimensions (H x W x D) 箱体尺寸	620×380×280mm
Low 低频	12 IN×1 (310mm)
High 高频	2 IN×1 (44mm)
N.W. 重量	21Kg

Install size 安装尺寸





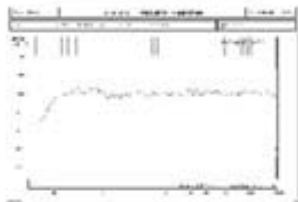
Q-115



Sensitivity Curve
灵敏度曲线图



Q-252

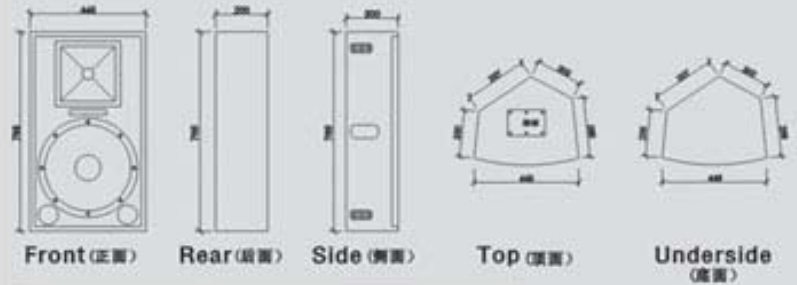


Sensitivity Curve
灵敏度曲线图

Specification 系统参数:

Frequency response 频率响应	60Hz-20KHz
Directivity angle 辐射角度	H90° × V60°
Long-term power (RMS) 额定功率	500W
Peak Power Handling 峰值功率	1000W/5Min
Impedance 阻抗	8 ohms
Sensitivity 灵敏度	101dB (2.83v/m)
Maximum SPL 最大声压	130dB
Connection 接线方式	2×NL 4 Speakon
Enclosure Construction 箱体	18层多层夹板18-ply Plywood
Cabinet Surface Treatment 表面处理	Black Catalyzed Polyurethane Paint 黑色催化聚氨酯漆
Dimensions (H × W × D) 箱体尺寸	765×500×350mm
Low 低频	15 IN×1 (380mm)
High 高频	2 IN×1 (44mm)
N. W. 重量	30Kg

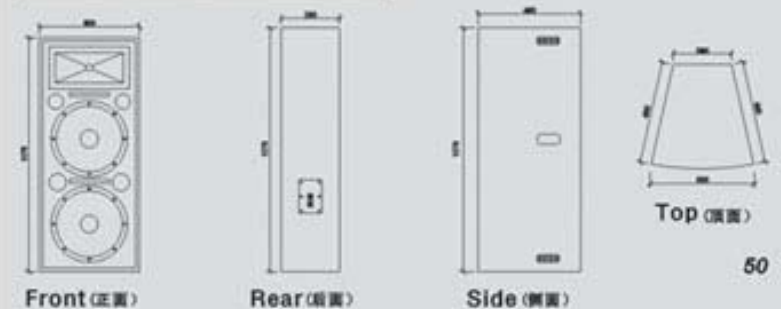
Install size 安装尺寸



Specification 系统参数:

Frequency response 频率响应	50Hz-20KHz
Directivity angle 辐射角度	H90° × V60°
Long-term power (RMS) 额定功率	1000W
Peak Power Handling 峰值功率	2000W/5Min
Impedance 阻抗	4 ohms
Sensitivity 灵敏度	103dB (2.83v/m)
Maximum SPL 最大声压	135dB
Connection 接线方式	2×NL 4 Speakon
Enclosure Construction 箱体	18层多层夹板18-ply Plywood
Cabinet Surface Treatment 表面处理	Black Catalyzed Polyurethane Paint 黑色催化聚氨酯漆
Dimensions (H × W × D) 箱体尺寸	1170×510×500mm
Low 低频	15 IN×2 (380mm)
High 高频	2 IN×1 (44mm)
N. W. 重量	50Kg

Install size 安装尺寸



SP、SR-SERIES

SP and SR Series are project installation series design for Address Public for all kind of big-medium outdoor and indoor performance, entertainment place .

The enclosure is adoption waterproof spray-paint, at the same time, combine with the strong metal grille, It can improve the speaker performance. Strong Mid and low frequency response, High technical passive filter, It can reduce the sound feedback .SP series gain the best performance by the Seer crossover.

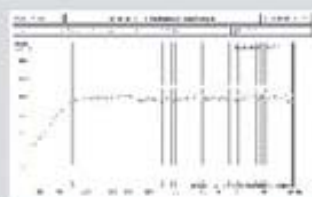
The speaker feature is high SPL, strong penetrate distortion-free, high Q value and the wide range dynamic .The sound will outstanding if the SP-4733 (double 15") is combine with SP-4718 (single 18") and SP-4719 (double 18") in the medium and large performance.

Applications: Nightclub, Club, Multifunction performance hall, Plaza, Concert, kinds of performance, Conference room, Disco and so on.

SP和SR 演出系列是专门为各种大、中型户内外演出及娱乐场所扩声要求而设计的工程安装系列。箱体采用耐磨型表面喷漆处理，同时配以坚固的金属网面，使音箱的性能大大提高。强劲的中频和低频响应，先进的无源滤波技术，大大减少了声反馈，箱体内置SEER精选分频器而获得的最佳性能。声压级高，穿透力强，失真率低，高Q值，动态范围大。在大中型演出选用SP-4733双15寸配以SP-4718单18寸、SP-4719双18寸大地震超低音组合效果更杰出。适用范围：Hi房、夜总会、俱乐部、夜总会、多功能演艺厅、广场、音乐会、各类型演出、会议室、酒吧、DISCO等场所使用。



SP-4726

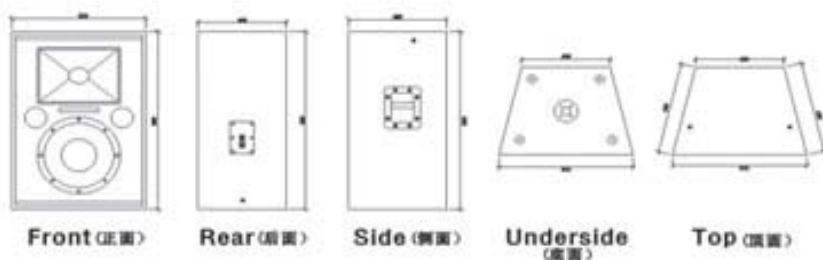


Sensitivity Curve
灵敏度曲线图

Specification 系统参数:

Frequency response 频率响应	35Hz-20KHz
Directivity angle 辐射角度	H90° × V60°
Long-term power (RMS) 额定功率	600W
Peak Power Handling 峰值功率	1200W/5Min
Impedance 阻抗	8 ohms
Sensitivity 灵敏度	100dB (2.83v/m)
Maximum SPL 最大声压	128dB
Connection 接线方式	2×NL 4 Speakon
Enclosure Construction 箱体	18层多层夹板 18 Plywood
Cabinet Surface Treatment 表面处理	Black Catalyzed Polyurethane Paint 黑色催化聚氨酯漆
Dimensions (H x W x D) 箱体尺寸	885×610×450mm
Low 低频	15 IN×1 (380mm)
High 高频	3 IN×1 (72mm)
N.W. 重量	46Kg

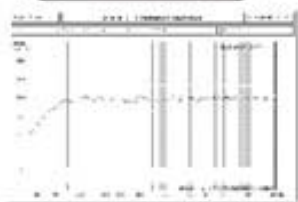
Install size 安装尺寸



SP-SERIES



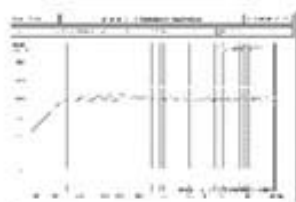
SP-4731



Sensitivity Curve
灵敏度曲线图



SP-4733

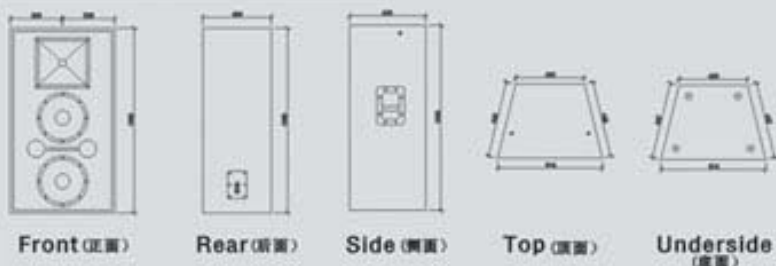


Sensitivity Curve
灵敏度曲线图

Specification 系统参数:

Frequency response 频率响应	39Hz-20KHz
Directivity angle 辐射角度	H65° × V35°
Long-term power(RMS) 额定功率	600W
Peak Power Handling 峰值功率	1200W/5Min
Impedance 阻抗	4 ohms
Sensitivity 灵敏度	98dB (2.83v/m)
Maximum SPL 最大声压	128dB
Connection 接线方式	2×NL 4 Speakon
Enclosure Construction 箱体	18层多层夹板 18 Plywood
Cabinet Surface Treatment 表面处理	Black Catalyzed Polyurethane Paint 黑色催化聚氨酯漆
Dimensions(H x W x D) 箱体尺寸	1080×610×440mm
Low 低频	12 IN×2(310mm)
High 高频	3 IN×1(72mm)
N.W. 重量	57Kg

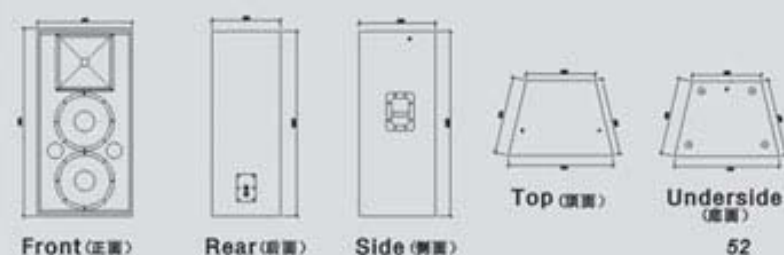
Install size 安装尺寸



Specification 系统参数:

Frequency response 频率响应	37Hz-18KHz
Directivity angle 辐射角度	H90° × V60°
Long-term power(RMS) 额定功率	1000W
Peak Power Handling 峰值功率	2000W/5Min
Impedance 阻抗	4 ohms
Sensitivity 灵敏度	102dB (2.83v/m)
Maximum SPL 最大声压	136dB
Connection 接线方式	2×NL 4 Speakon
Enclosure Construction 箱体	18层多层夹板 18 Plywood
Cabinet Surface Treatment 表面处理	Black Catalyzed Polyurethane Paint 黑色催化聚氨酯漆
Dimensions(H x W x D) 箱体尺寸	1220×610×445mm
Low 低频	15 IN×2(380mm)
High 高频	3 In×1(72mm)
N.W. 重量	68Kg

Install size 安装尺寸

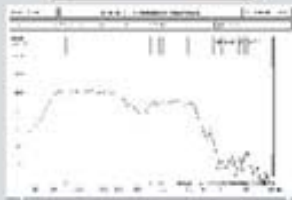




SP-SERIES



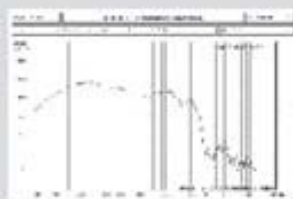
SP-4718



Sensitivity Curve
灵敏度曲线图



SP-4719

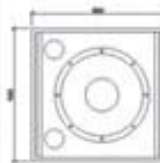


Sensitivity Curve
灵敏度曲线图

Specification 系统参数:

Frequency response 频率响应	38Hz-250Hz
Directivity angle 辐射角度	
Long-term power (RMS) 额定功率	600W
Peak Power Handling 峰值功率	1200W/5Min
Impedance 阻抗	8 ohms
Sensitivity 灵敏度	100dB (2.83v/m)
Maximum SPL 最大声压	132dB
Connection 接线方式	2×NL 4 Speakon
Enclosure Construction 箱体	18厘多层夹板 18 Plywood
Cabinet Surface Treatment 表面处理	Black Catalyzed Polyurethane Paint 黑色催化聚氨酯漆
Dimensions (H x W x D) 箱体尺寸	620×620×620mm
Low 低频	18 IN×1 (460mm)
N.W. 重量	42Kg

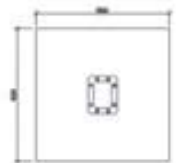
Install size 安装尺寸



Front (正面)



Rear (后面)

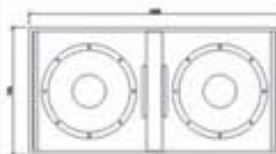


Side (侧面)

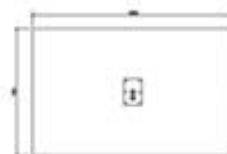
Specification 系统参数:

Frequency response 频率响应	30Hz-250Hz
Directivity angle 辐射角度	
Long-term power (RMS) 额定功率	1200W
Peak Power Handling 峰值功率	2400W/5Min
Impedance 阻抗	4 ohms
Sensitivity 灵敏度	105dB (2.83v/m)
Maximum SPL 最大声压	140dB
Connection 接线方式	2×NL 4 Speakon
Enclosure Construction 箱体	18厘多层夹板 18 Plywood
Cabinet Surface Treatment 表面处理	Black Catalyzed Polyurethane Paint 黑色催化聚氨酯漆
Dimensions (H x W x D) 箱体尺寸	770×1220×620mm
Low 低频	18 IN×2 (460mm)
N.W. 重量	92Kg

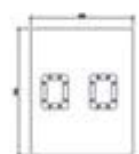
Install size 安装尺寸



Front (正面)



Rear (后面)

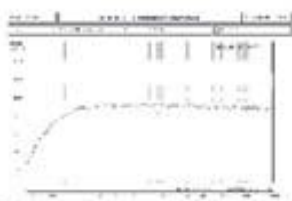


Side (侧面)

SR-SERIES



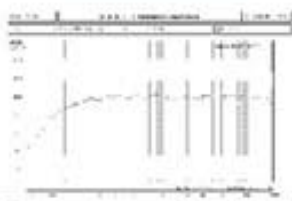
SR-112



Sensitivity Curve
灵敏度曲线图



SR-115

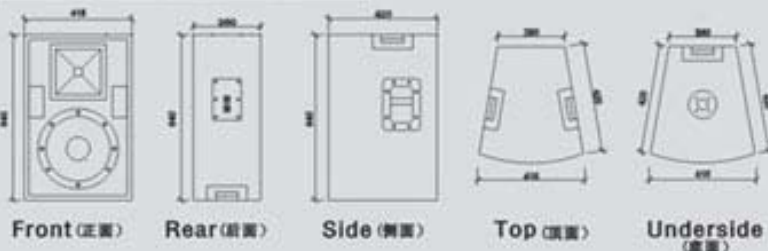


Sensitivity Curve
灵敏度曲线图

Specification 系统参数:

Frequency response 频率响应	50Hz-20KHz
Directivity angle 辐射角度	H90° × V60°
Long-term power (RMS) 额定功率	300W
Peak Power Handling 峰值功率	600W/5Min
Impedance 阻抗	8 ohms
Sensitivity 灵敏度	98dB (2.83v/m)
Maximum SPL 最大声压	124dB
Connection 接线方式	2×NL 4 Speakon
Enclosure Construction 箱体	18层多层夹板 18- Plywood
Cabinet Surface Treatment 表面处理	Black Catalyzed Polyurethane Paint 黑色催化聚氨酯漆
Dimensions (H x W x D) 箱体尺寸	640×415×420mm
Low 低频	12 IN×1 (310mm)
High 高频	3 IN×1 (44mm)
N.W. 重量	30Kg

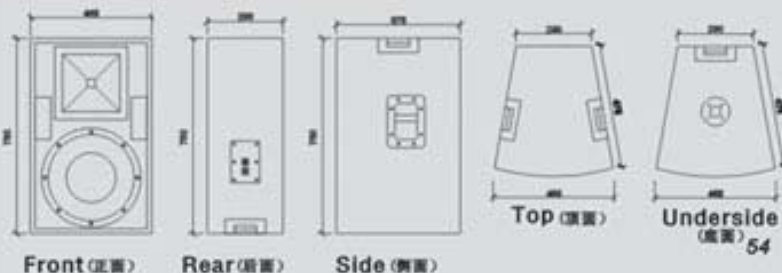
Install size 安装尺寸



Specification 系统参数:

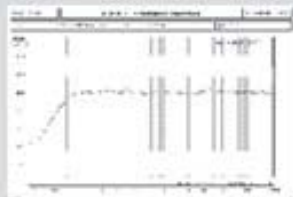
Frequency response 频率响应	45Hz-20KHz
Directivity angle 辐射角度	H90° × V60°
Long-term power (RMS) 额定功率	500W
Peak Power Handling 峰值功率	1000W/5Min
Impedance 阻抗	8 ohms
Sensitivity 灵敏度	100dB (2.83v/m)
Maximum SPL 最大声压	129dB
Connection 接线方式	2×NL 4 Speakon
Enclosure Construction 箱体	18层多层夹板 18- Plywood
Cabinet Surface Treatment 表面处理	Black Catalyzed Polyurethane Paint 黑色催化聚氨酯漆
Dimensions (H x W x D) 箱体尺寸	750×465×375mm
Low 低频	15 IN×1 (380mm)
High 高频	3 IN×1 (72mm)
N.W. 重量	38Kg

Install size 安装尺寸





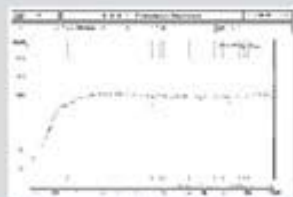
SR-215



Sensitivity Curve
灵敏度曲线图



SR-283

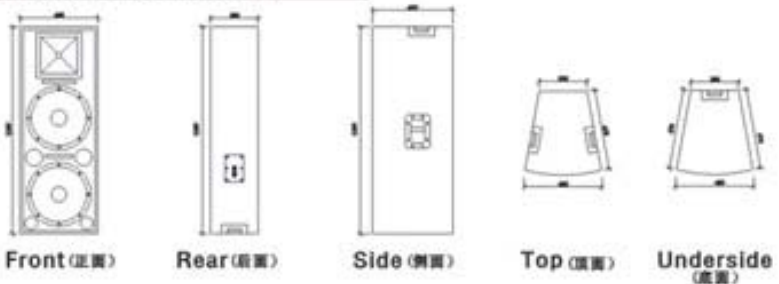


Sensitivity Curve
灵敏度曲线图

Specification 系统参数:

Frequency response 频率响应	45Hz-20KHz
Directivity angle 辐射角度	H90° × V60°
Long-term power (RMS) 额定功率	1000W
Peak Power Handling 峰值功率	2000W/5Min
Impedance 阻抗	4 ohms
Sensitivity 灵敏度	105dB (2.83v/m)
Maximum SPL 最大声压	133dB
Connection 接线方式	2×NL 4 Speaker
Enclosure Construction 箱体	18厘多层夹板 18- Plywood
Cabinet Surface Treatment 表面处理	Black Catalyzed Polyurethane Paint 黑色催化聚氨酯漆
Dimensions (H x W x D) 箱体尺寸	1240×465×480mm
Low 低频	15 IN×2 (380mm)
High 高频	3 IN×1 (72mm)
N.W. 重量	64Kg

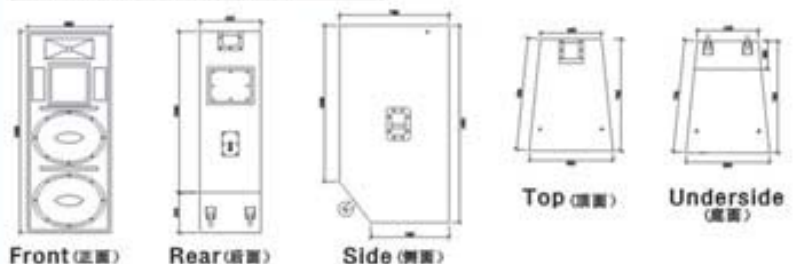
Install size 安装尺寸



Specification 系统参数:

Frequency response 频率响应	38Hz-20KHz
Directivity angle 辐射角度	H90° × V45°
Long-term power (RMS) 额定功率	1000W
Peak Power Handling 峰值功率	2000W/5Min
Impedance 阻抗	4 ohms
Sensitivity 灵敏度	105dB (2.83v/m)
Maximum SPL 最大声压	133dB
Connection 接线方式	2×NL 4 Speaker
Enclosure Construction 箱体	18厘多层夹板 18- Plywood
Cabinet Surface Treatment 表面处理	Black Catalyzed Polyurethane Paint 黑色催化聚氨酯漆
Dimensions (H x W x D) 箱体尺寸	1350×560×755mm
Low 低频	18 IN×2 (460mm)
Mid 中频	10 IN×1 (260mm)
High 高频	2 IN×1 (44mm)
N.W. 重量	74Kg

Install size 安装尺寸



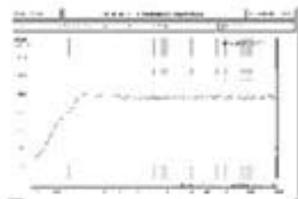
BR-SERIES



Professional sound



BR-122



Sensitivity Curve
灵敏度曲线图

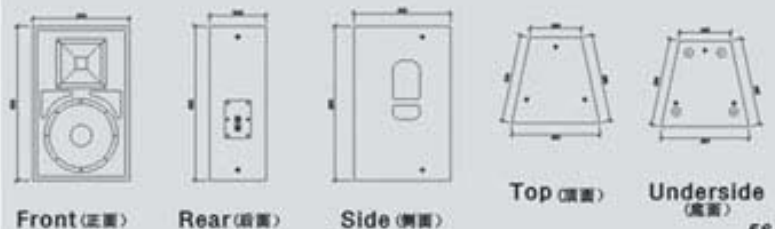
BR series attention to high and mid frequency .The high frequency timbre is clear and inviting, mid frequency is powerful and sweet, low frequency is strong .It can combine with SUB series subwoofer speaker if the area need a very low frequency, the sound effect will be more perfect. BR series ensure that all the audients can enjoy the best audio effect in a great deal of big place.

Seer的BR系列音箱是十分注重高中低频的平衡与和谐的中、小型舞台用音箱。低音单元为您提供有力的震撼感，加大的号角为重低音配上极具穿透力的高频音质，如需要一个非常低频率范围，可以配合SUB系列的超低音音箱，效果更精彩，BR系列音箱在许多中型场合都能保证整个场地的每个角落都能欣赏到最好的音响效果。BR系列音箱适合许多中型场所，比如中、小型演出、户内外活动等等。

Specification 系统参数:

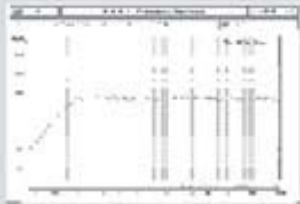
Frequency response 频率响应	55Hz-20KHz
Directivity angle 辐射角度	H90° × V60°
Long-term power (RMS) 额定功率	200W
Peak Power Handling 峰值功率	400W/5Min
Impedance 阻抗	8 ohms
Sensitivity 灵敏度	97dB(2.83v/m)
Maximum SPL 最大声压	120dB
Connection 接线方式	2×NL 4 Speakon
Enclosure Construction 箱壳	18厘多层夹板 18- Plywood
Cabinet Surface Treatment 表面处理	Black Catalyzed Polyurethane Paint 黑色催化聚氨酯漆
Dimensions(H x W x D) 箱体尺寸	655×410×400mm
Low 低频	12 IN×1(310mm)
High 高频	1 IN×1(25mm)
N.W. 重量	24.5Kg

Install size 安装尺寸





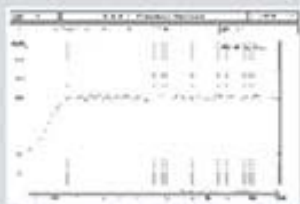
BR-152



Sensitivity Curve
灵敏度曲线图



BR-252

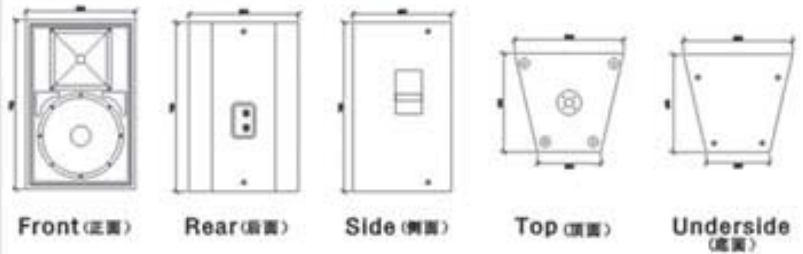


Sensitivity Curve
灵敏度曲线图

Specification 系统参数:

Frequency response 频率响应	45Hz-20KHz
Directivity angle 辐射角度	H90° × V60°
Long-term power(RMS) 额定功率	300W
Peak Power Handling 峰值功率	600W/5Min
Impedance 阻抗	8 ohms
Sensitivity 灵敏度	98dB(2.83v/m)
Maximum SPL 最大声压	125dB
Connection 接线方式	2×NL 4 Speakon
Enclosure Construction 箱体	18厘多层夹板 18- Plywood
Cabinet Surface Treatment 表面处理	Black Catalysed Polyurethane Paint 黑色催化聚氨酯面漆
Dimensions(高×宽×深) 箱体尺寸	750×500×450mm
Low 低频	15 IN×1(380mm)
High 高频	1.5 IN×1(34mm)
N.W. 重量	33Kg

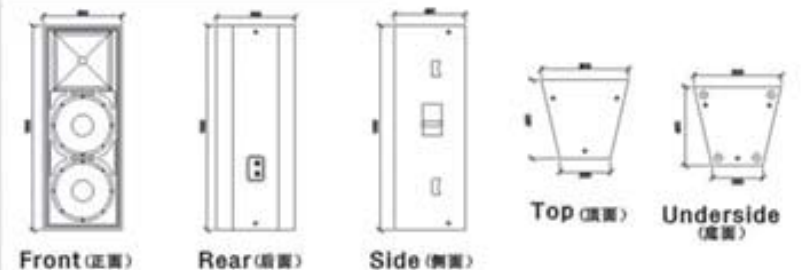
Install size 安装尺寸



Specification 系统参数:

Frequency response 频率响应	40Hz-20KHz
Directivity angle 辐射角度	H90° × V60°
Long-term power(RMS) 额定功率	700W
Peak Power Handling 峰值功率	1400W/5Min
Impedance 阻抗	4 ohms
Sensitivity 灵敏度	103dB(2.83v/m)
Maximum SPL 最大声压	130dB
Connection 接线方式	2×NL 4 Speakon
Enclosure Construction 箱体	18厘多层夹板 18- Plywood
Cabinet Surface Treatment 表面处理	Black Catalysed Polyurethane Paint 黑色催化聚氨酯面漆
Dimensions(高×宽×深) 箱体尺寸	1300×500×450mm
Low 低频	15 IN×2(380mm)
High 高频	2 IN×1(44mm)
N.W. 重量	56Kg

Install size 安装尺寸





Monitor Speaker Series

舞台监听音箱系列



Introduction 介绍:

Our AM、SM series monitor series speaker took our engineers more than 3 years to develop and fine tune up provide the best audio quality and to attain the high clear man-voice sound effect of each cabinets. SM series is our extend, more professional.

SM-212 is a very high performance monitor designed for large-stage applications where maximum SPL's are required. SM-15 is a compact, high performance stage monitor combining high output and controlled dispersion with discreet, contemporary design. All of them are suitable use as high power stage monitor

AM和SM系列全音域监听音箱，高中频清晰细腻，针对容易引起啸叫的敏感部分作为精心的研究及处理，以减低啸叫的可能，此系列音箱使用了比较时尚且符合声学原理的设计思路，低音部分最大限度地减少分割振动失真，使高音单元的频率响应曲线平直，听感自然富有细节。在高音单元的悬挂系统上，采用了特殊材料所制的强力结构，大大降低了整个单元的失真度，使中高频段的声底细腻，细节表现更突出。由于采用了钕合金磁钢，控制力好，高频的能量感极足，能极大地减少高频的声染色，声音更通透。产品主要用于舞台演出监听所使用。

Professional sound





Subwoofer Speaker Series

超低频音箱系列

Compact dance club subwoofer system, half maze design in a heavily braced vented enclosure. high power voice coils and generously sized low frequency ports for low noise, high power operation. This series extended low-bass response and high efficiency make it the ideal partner for Multifunction audio system, SUB series suitable use in DISCO, Clubs, bars and restaurants, Concert halls, Live sound in places of big show.

Seer 超低音专业音箱，采用大功率的超低音单元，高Q共鸣腔设计成前后号筒负载，控制单元在谐振频率处的振幅，提高音箱的功率容量，提升声压，并有效抑制高次谐波输出，低音下潜深，声压高。低频得到净化，减少大动态下的系统失真，提高功率承受能力，是您的扩声设备的理想伴侣，给您提供坚如磐石的低音音质。除此之外，Seer超低系列音箱还拥有重新设计过的符合人类工程的把手，使运输搬运极其方便，牢固的金属网能有效地保护喇叭单元。高质量的元件和牢固的结构使Seer超低系列单箱坚固耐用。

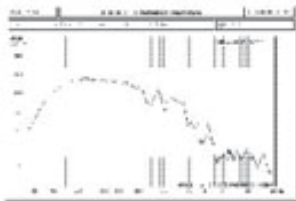


www.seeraudio.com

SUB-SERIES



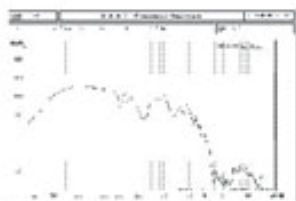
SUB-215



Sensitivity Curve
灵敏度曲线图



SUB-118



Sensitivity Curve
灵敏度曲线图

Specification (系统参数)

Frequency response 频率响应	45Hz-250Hz
Directivity angle 辐射角度	
Long-term power (RMS) 额定功率	1000W
Peak Power Handling 峰值功率	2000W/5Min
Impedance 阻抗	4 ohms
Sensitivity 灵敏度	103dB (2.83v/m)
Maximum SPL 最大声压	128dB
Connection 接线方式	2×NL 4 Speakon
Enclosure Construction 箱壳	18厘多层夹板 18- Plywood
Cabinet Surface Treatment 表面处理	Black Catalyzed Polyurethane Paint 黑色催化聚氨酯漆
Dimensions (H x W x D) 箱体尺寸	600×970×700mm
Low 低频	15 IN×2 (380mm)
N. W. 重量	79Kg

Install Size 安装尺寸:



Front (正面)

Rear (后面)

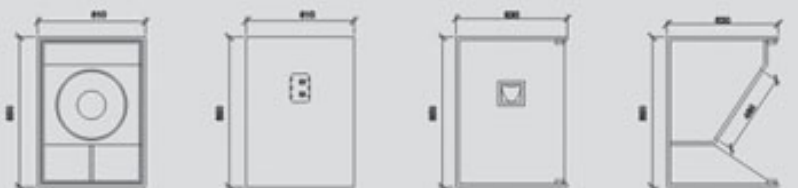
Side (侧面)

Side (侧面)

Specification (系统参数)

Frequency response 频率响应	48Hz-250Hz
Directivity angle 辐射角度	
Long-term power (RMS) 额定功率	600W
Peak Power Handling 峰值功率	1200W/5Min
Impedance 阻抗	8 ohms
Sensitivity 灵敏度	98dB (2.83v/m)
Maximum SPL 最大声压	120dB
Connection 接线方式	2×NL 4 Speakon
Enclosure Construction 箱壳	18厘多层夹板 18- Plywood
Cabinet Surface Treatment 表面处理	Black Catalyzed Polyurethane Paint 黑色催化聚氨酯漆
Dimensions (H x W x D) 箱体尺寸	850×610×630mm
Low 低频	18 IN×1 (460mm)
N. W. 重量	47.5Kg

Install Size 安装尺寸:



Front (正面)

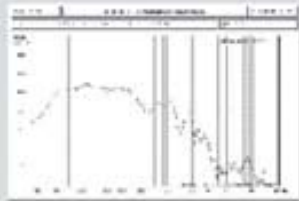
Rear (后面)

Side (侧面)

Side (侧面)



SUB-218

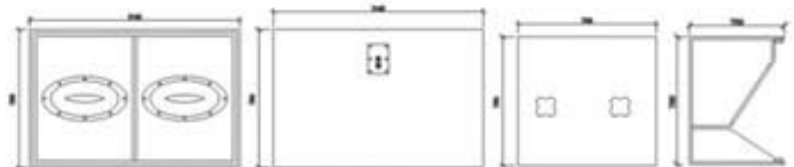


Sensitivity Curve
灵敏度曲线图

Specification (系统参数)

Frequency response 频率响应	45Hz-250Hz
Directivity angle 辐射角度	
Long-term power (RMS) 额定功率	1200W
Peak Power Handling 峰值功率	2400W/5Min
Impedance 阻抗	4 ohms
Sensitivity 灵敏度	105dB (2.83v/m)
Maximum SPL 最大声压	130dB
Connection 接线方式	2×NL 4 Speakon
Enclosure Construction 箱体	18层多层夹板 18-Plywood
Cabinet Surface Treatment 表面处理	Black Catalyzed Polyurethane Paint 黑色催化聚氨酯交酯漆
Dimensions (H x W x D) 箱体尺寸	750×1140×700mm
Low 低频	18 IN×2 (460mm)
N.W. 重量	99Kg

Install Size 安装尺寸:



Front (正面)

Rear (后面)

Side (侧面)

Side (侧面)

Specification (系统参数)

Frequency response 频率响应	45Hz-250Hz
Directivity angle 辐射角度	
Long-term power (RMS) 额定功率	1200W
Peak Power Handling 峰值功率	2400W/5Min
Impedance 阻抗	4 ohms
Sensitivity 灵敏度	105dB (2.83v/m)
Maximum SPL 最大声压	130dB
Connection 接线方式	2×NL 4 Speakon
Enclosure Construction 箱体	18层多层夹板 18-Plywood
Cabinet Surface Treatment 表面处理	Black Catalyzed Polyurethane Paint 黑色催化聚氨酯交酯漆
Dimensions (H x W x D) 箱体尺寸	520×1300×720mm
Low 低频	18 IN×2 (460mm)
N.W. 重量	99Kg

Install Size 安装尺寸:



Front (正面)

Rear (后面)

Side (侧面)



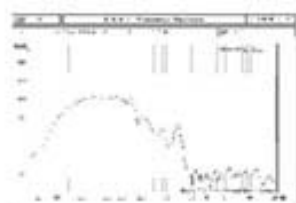
SUB-28B



Sensitivity Curve
灵敏度曲线图



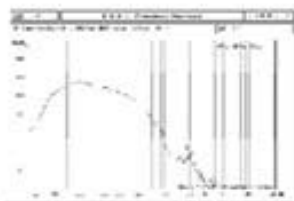
SUB-1815B



Sensitivity Curve
灵敏度曲线图



WSX-18B

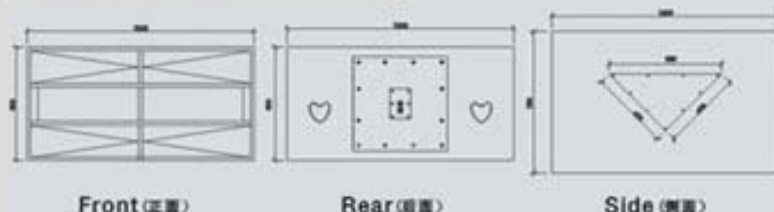


Sensitivity Curve
灵敏度曲线图

Specification (系统参数)

Frequency response 频率响应	45Hz-250Hz
Directivity angle 辐射角度	
Long-term power (RMS) 额定功率	1200W
Peak Power Handling 峰值功率	2400W/5Min
Impedance 阻抗	8 ohms
Sensitivity 灵敏度	100dB (2.83v/m)
Maximum SPL 最大声压	138dB
Connection 接线方式	2×NL 4 Speaker
Enclosure Construction 箱体	18层多层夹板 18- Plywood
Cabinet Surface Treatment 表面处理	Black Catalyzed Polyurethane Paint 黑色催化聚氨酯漆
Dimensions (H x W x D) 箱体尺寸	600×1200×750mm
Low 低频	18IN×1.15IN×1 (460mm, 380mm)
N.W. 重量	61Kg

Install Size 安装尺寸:



Front (正面)

Rear (后面)

Side (侧面)

Specification (系统参数)

Frequency response 频率响应	45Hz-200Hz
Directivity angle 辐射角度	
Long-term power (RMS) 额定功率	600W
Peak Power Handling 峰值功率	1200W/5Min
Impedance 阻抗	8 ohms
Sensitivity 灵敏度	103dB (2.83v/m)
Maximum SPL 最大声压	125dB
Connection 接线方式	2×NL 4 Speaker
Enclosure Construction 箱体	18层多层夹板 18- Plywood
Cabinet Surface Treatment 表面处理	Black Catalyzed Polyurethane Paint 黑色催化聚氨酯漆
Dimensions (H x W x D) 箱体尺寸	550×1060×1000mm
Low 低频	18 IN×1 (460mm)
N.W. 重量	113Kg

Install Size 安装尺寸:



Front (正面)

Rear (后面)

Side (侧面)



Plastic Speaker Series

塑料音箱系列

Our plastic series speakers, lightweight and high-performance, a standard against which all others are measured. Their rich portfolio of accessories, from wall-mount and array brackets to monitor feet and transport bags, reinforces their versatility. The upgraded technique to withstand snow, sleet and rain, severe cold, high heat and humidity the worst that Mother Nature can dish out.

塑料箱系列，二分频全音域多功能音箱，设计着重于高、中频的清晰细腻、音色亮丽。音箱配备性能优异的指性方形高音驱动单元，轻巧的箱体，还原出真实的音质效果。精确的分频有高音保护电路，箱体内外设有强制的加厚黑金属散热模块，全新防水特征；适用中小型场所、会议厅、宴会厅、小型酒吧、广播厅使用。更适用于需要高品质音色的卡拉OK包房使用。



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J-SERIES

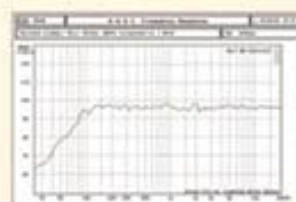


J-12

Specification (系统参数)

Frequency response 频率响应	50Hz-16KHz
Directivity angle 辐射角度	89° × V45°
Long-term power (RMS) 额定功率	250W
Peak Power Handling 峰值功率	500W/5Min
Impedance 阻抗	8 ohms
Sensitivity 灵敏度	96dB(2.83v/m)
Maximum SPL 最大声压	120dB
Connection 接线方式	2×NL 4 Speakon
Dimensions(H × V × D) 箱体尺寸	570×370×370mm
Low 低频	12 IN×1(310mm)
High 高频	1 IN×1(25mm)
N.W. 重量	12Kg

Sensitivity Curve 灵敏度曲线图

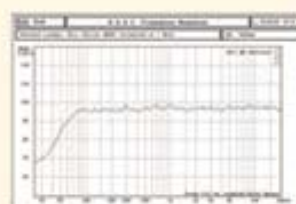


J-15

Specification (系统参数)

Frequency response 频率响应	45Hz-18KHz
Directivity angle 辐射角度	89° × V45°
Long-term power (RMS) 额定功率	300W
Peak Power Handling 峰值功率	600W/5Min
Impedance 阻抗	8 ohms
Sensitivity 灵敏度	98dB(2.83v/m)
Maximum SPL 最大声压	123dB
Connection 接线方式	1×NL 4 Speakon+6.3×1
Dimensions(H × V × D) 箱体尺寸	980×440×440mm
Low 低频	15 IN×1(380mm)
High 高频	1 IN×1(25mm)
N.W. 重量	25Kg

Sensitivity Curve 灵敏度曲线图



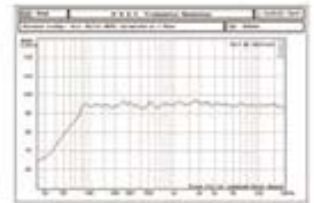


RS-12

Specification(系统参数)

Frequency response 频率响应	55Hz-18KHz
Directivity angle 辐射角度	H90° × V40°
Long-term power (RMS) 额定功率	300W
Peak Power Handling 峰值功率	600W/5Min
Impedance 阻抗	8 ohms
Sensitivity 灵敏度	98dB(2.83v/m)
Maximum SPL 最大声压	123dB
Connection 接线方式	1×NL 4 Speakon+6.3×1
Dimensions(H × W × D) 箱体尺寸	570×390×300mm
Low 低频	12 IN×1(310mm)
High 高频	1.5 IN×1(34mm)
N.W. 重量	13.5Kg

Sensitivity Curve 灵敏度曲线图

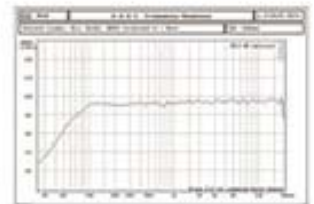


RS-15

Specification(系统参数)

Frequency response 频率响应	50Hz-18KHz
Directivity angle 辐射角度	H60° × V40°
Long-term power (RMS) 额定功率	400W
Peak Power Handling 峰值功率	800W/5Min
Impedance 阻抗	8 ohms
Sensitivity 灵敏度	99dB(2.83v/m)
Maximum SPL 最大声压	125dB
Connection 接线方式	1×NL 4 Speakon+6.3×1
Dimensions(H × W × D) 箱体尺寸	690×390×490mm
Low 低频	15 IN×1(380mm)
High 高频	1.5 IN×1(34mm)
N.W. 重量	23Kg

Sensitivity Curve 灵敏度曲线图



EVS-SERIES

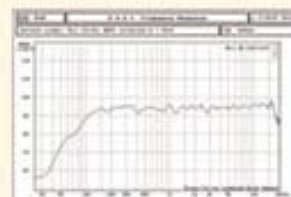


EVS-10

Specification (系统参数)

Frequency response 频率响应	60Hz-18KHz
Directivity angle 辐射角度	H90° × V45°
Long-term power (RMS) 额定功率	150W
Peak Power Handling 峰值功率	300W/5Min
Impedance 阻抗	8 ohms
Sensitivity 灵敏度	94dB (2.83v/m)
Maximum SPL 最大声压	118dB
Connection 接线方式	2×NL 4 Speakon
Dimensions (H x W x D) 箱体尺寸	500×380×280mm
Low 低频	10 IN×1 (260mm)
High 高频	1 IN×1 (25mm)
N.W. 重量	10Kg

Sensitivity Curve 灵敏度曲线图



EVS-12

Specification (系统参数)

Frequency response 频率响应	55Hz-18KHz
Directivity angle 辐射角度	H90° × V45°
Long-term power (RMS) 额定功率	200W
Peak Power Handling 峰值功率	400W/5Min
Impedance 阻抗	8 ohms
Sensitivity 灵敏度	96dB (2.83v/m)
Maximum SPL 最大声压	120dB
Connection 接线方式	2×NL 4 Speakon
Dimensions (H x W x D) 箱体尺寸	570×430×310mm
Low 低频	12 IN×1 (310mm)
High 高频	1 IN×1 (25mm)
N.W. 重量	13Kg

Sensitivity Curve 灵敏度曲线图

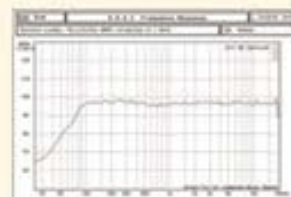


EVS-15

Specification (系统参数)

Frequency response 频率响应	50Hz-18KHz
Directivity angle 辐射角度	H90° × V45°
Long-term power (RMS) 额定功率	250W
Peak Power Handling 峰值功率	500W/5Min
Impedance 阻抗	8 ohms
Sensitivity 灵敏度	98dB (2.83v/m)
Maximum SPL 最大声压	123dB
Connection 接线方式	2×NL 4 Speakon
Dimensions (H x W x D) 箱体尺寸	680×455×350mm
Low 低频	15 IN×1 (380mm)
High 高频	1 IN×1 (25mm)
N.W. 重量	17Kg

Sensitivity Curve 灵敏度曲线图





Active Speaker Series

有源音箱系列

Seer Audio active compounding speaker system, which is took our outstanding acoustic and electronic engineers more than two years to develop high-class audio system, These professional active speakers include PA, PSA series. The active speaker system is a complete sound solution consisting of a subwoofer with multifunction amplifier modules, two-microphone input, and Reverb function, distortion-free. Its perfect system configuration, its convenience and easy of handing, it adaptsto a wide range of application areas.

PSA和PA系列会议有源音箱，二分频全音域多功能音箱，设计着重于高、中频的清晰细腻、音色亮丽，音箱配备性能优异的恒指性方形高音驱动单元的轻巧和箱体，还原出真实的音质效果。精确的分频有高音保护电路，更有效地保护箱有源IC集成电路，全新防水特征；适用中小型场所、会议厅、宴会厅、小型酒吧、广播厅使用。



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PA-SERIES



PA-10



PA-12

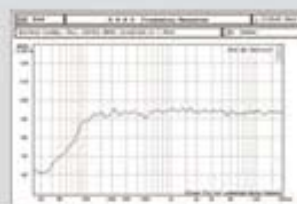


PA-15

Specification (系统参数)

Frequency response 频率响应	65Hz-20KHz
Directivity angle 辐射角度	H90° × V45°
Long-term power (RMS) 额定功率	120W
Peak Power Handling 峰值功率	240W/5Min
Impedance 阻抗	8 ohms
Sensitivity 灵敏度	92dB (2.83v/m)
Maximum SPL 最大声压	115dB
Connection 接线方式	---
Dimensions (H x W x D) 箱体尺寸	500×350×250mm
Low 低频	10 IN×1 (260mm)
High 高频	1 IN×1 (25mm)
N.W. 重量	15Kg
Power 电源	AC 220V/50Hz-60Hz

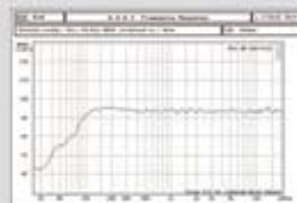
Sensitivity Curve
灵敏度曲线图



Specification (系统参数)

Frequency response 频率响应	55Hz-20KHz
Directivity angle 辐射角度	H90° × V45°
Long-term power (RMS) 额定功率	200W
Peak Power Handling 峰值功率	400W/5Min
Impedance 阻抗	8 ohms
Sensitivity 灵敏度	96dB (2.83v/m)
Maximum SPL 最大声压	120dB
Connection 接线方式	---
Dimensions (H x W x D) 箱体尺寸	570×430×310mm
Low 低频	12 IN×1 (310mm)
High 高频	1 IN×1 (25mm)
N.W. 重量	20Kg
Power 电源	AC 220V/50Hz-60Hz

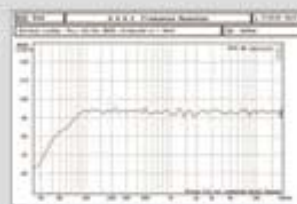
Sensitivity Curve
灵敏度曲线图



Specification (系统参数)

Frequency response 频率响应	50Hz-20KHz
Directivity angle 辐射角度	H90° × V45°
Long-term power (RMS) 额定功率	250W
Peak Power Handling 峰值功率	500W/5Min
Impedance 阻抗	8 ohms
Sensitivity 灵敏度	98dB (2.83v/m)
Maximum SPL 最大声压	123dB
Connection 接线方式	---
Dimensions (H x W x D) 箱体尺寸	680×455×350mm
Low 低频	15 IN×1 (380mm)
High 高频	1 IN×1 (25mm)
N.W. 重量	25Kg
Power 电源	AC 220V/50Hz-60Hz

Sensitivity Curve
灵敏度曲线图



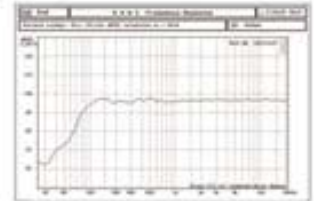


PSA-10

Specification (系统参数)

Frequency response 频率响应	65Hz-20KHz
Directivity angle 辐射角度	H90° × 50°
Long-term power (RMS) 额定功率	250W
Peak Power Handling 峰值功率	500W/5Min
Impedance 阻抗	8 ohms
Sensitivity 灵敏度	96dB(2.83v/m)
Maximum SPL 最大声压	119dB
Dimensions(H x W x D) 箱体尺寸	510×315×280mm
Low 低频	10 IN×1(260mm)
High 高频	2IN×1(44mm)
N.W. 重量	20Kg
Power 电源	AC 220V/50Hz-60Hz

Sensitivity Curve 灵敏度曲线图

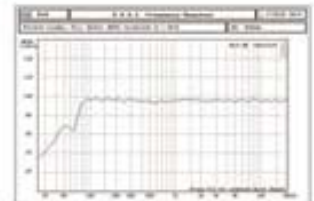


PSA-12

Specification (系统参数)

Frequency response 频率响应	65Hz-20KHz
Directivity angle 辐射角度	H90° × 45°
Long-term power (RMS) 额定功率	400W
Peak Power Handling 峰值功率	800W/5Min
Impedance 阻抗	8 ohms
Sensitivity 灵敏度	97dB(2.83v/m)
Maximum SPL 最大声压	120dB
Dimensions(H x W x D) 箱体尺寸	559×359×310mm
Low 低频	12 IN×1(310mm)
High 高频	2IN×1(44mm)
N.W. 重量	25Kg
Power 电源	AC 220V/50Hz-60Hz

Sensitivity Curve 灵敏度曲线图

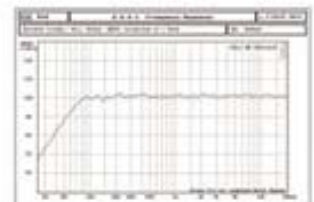


PSA-15

Specification (系统参数)

Frequency response 频率响应	55Hz-20KHz
Directivity angle 辐射角度	H90° × 50°
Long-term power (RMS) 额定功率	600W
Peak Power Handling 峰值功率	1200W/5Min
Impedance 阻抗	8 ohms
Sensitivity 灵敏度	99dB(2.83v/m)
Maximum SPL 最大声压	125dB
Dimensions(H x W x D) 箱体尺寸	675×435×370mm
Low 低频	15 IN×1(380mm)
High 高频	3IN×1(75mm)
N.W. 重量	32Kg
Power 电源	AC 220V/50Hz-60Hz

Sensitivity Curve 灵敏度曲线图





KTV Speaker Series

KTV音箱系列

KTV series speaker is for KARAOKE speakers, new drivers and active equalization help reproduce vocals and musical instruments with improved smoothness and warmth at low or high volumes, from live or recorded music. A full line of brackets and stands further accommodates to a wide variety of configurations.

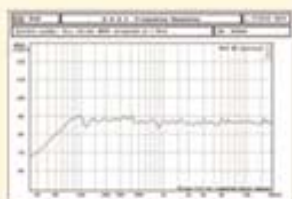
Seer KTV 系列音箱系统,高音细腻清晰,中音浑厚而不失通透,低音结实干净,标准吊装。箱体成弧形设计,使其能在大面积的声音辐射。注重清晰度和悦耳度完美的结合使得它在重播语言及音乐方面均匀的、细腻、高保真的效果。配有机架安装孔及壁挂式支架装置。



www.seeraudio.com



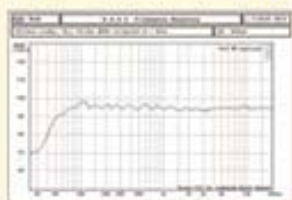
PRO-8



Sensitivity Curve
灵敏度曲线图



PRO-10

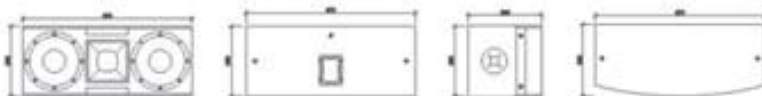


Sensitivity Curve
灵敏度曲线图

Specification (系统参数)

Frequency response 频率响应	40Hz-20KHz
Directivity angle 辐射角度	H90° × V50°
Long-term power (RMS) 额定功率	180W
Peak Power Handling 峰值功率	360W/5Min
Impedance 阻抗	4 ohms
Sensitivity 灵敏度	96dB(2.83v/m)
Maximum SPL 最大声压	124dB
Connection 接线方式	1×NL 4 Speaker
Enclosure Construction 箱体	16厘多层夹板15mm Plywood
Cabinet Surface Treatment 表面处理	Grey Catalysed Polyurethane Paint 灰色催化聚氨酯漆
Dimensions (H x W x D) 箱体尺寸	260×675×300mm
Low 低频	(双磁 double magnet) 8 IN×2(210mm)
High 高频	1.5 IN×1(34mm)
N.W. 重量	14kg

Install Size 安装尺寸:



Front (正面)

Rear (后面)

Side (侧面)

Top (顶面)

Specification (系统参数)

Frequency response 频率响应	35Hz-20KHz
Directivity angle 辐射角度	90° × 50°
Long-term power (RMS) 额定功率	250W
Peak Power Handling 峰值功率	500W/5Min
Impedance 阻抗	4 ohms
Sensitivity 灵敏度	97dB(2.83v/m)
Maximum SPL 最大声压	126dB
Connection 接线方式	1×NL 4 Speaker
Enclosure Construction 箱体	16厘多层夹板15mm Plywood
Cabinet Surface Treatment 表面处理	Grey Catalysed Polyurethane Paint 灰色催化聚氨酯漆
Dimensions (H x W x D) 箱体尺寸	310×750×320mm
Low 低频	(双磁 double magnet) 10 IN×2(260mm)
High 高频	2 IN×1(44mm)
N.W. 重量	18kg

Install Size 安装尺寸:



Front (正面)

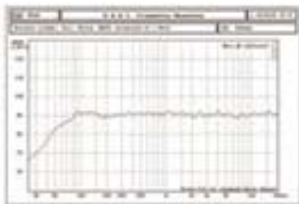
Rear (后面)

Side (侧面)

Top (顶面)



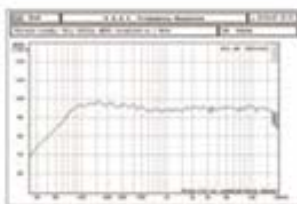
K-8



Sensitivity Curve
灵敏度曲线图



K-10

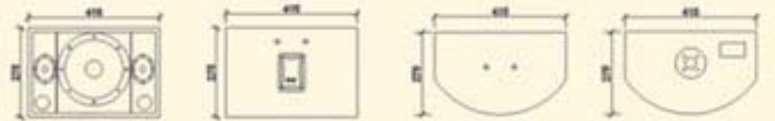


Sensitivity Curve
灵敏度曲线图

Specification (系统参数)

Frequency response 频率响应	45Hz-20KHz
Directivity angle 辐射角度	
Long-term power (RMS) 额定功率	100W
Peak Power Handling 峰值功率	200W/5Min
Impedance 阻抗	8 ohms
Sensitivity 灵敏度	90dB (2.83v/m)
Maximum SPL 最大声压	104dB
Connection 接线方式	1×NL 4 Speakon
Enclosure Construction 箱体	15厘多层夹板15mm Plywood
Cabinet Surface Treatment 表面处理	Grey Catalyzed Polyurethane Paint 灰色催化聚氨酯面漆
Dimensions (H x W x D) 箱体尺寸	275×415×250mm
Low 低频	(双磁, double Magnet) 8 IN ×1 (210mm)
High 高频 (纸盆高音)	3 IN ×2 (100mm)
N.W. 重量	8kg

Install Size 安装尺寸:



Front (正面)

Rear (后面)

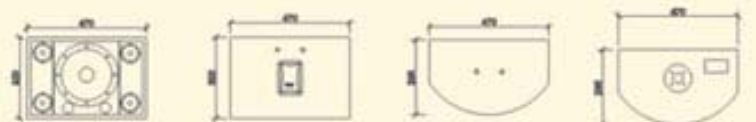
Top (顶面)

Underside (底面)

Specification (系统参数)

Frequency response 频率响应	45Hz-20KHz
Directivity angle 辐射角度	
Long-term power (RMS) 额定功率	150W
Peak Power Handling 峰值功率	300W/5Min
Impedance 阻抗	8 ohms
Sensitivity 灵敏度	91dB (2.83v/m)
Maximum SPL 最大声压	106dB
Connection 接线方式	1×Speakon NL 4R
Enclosure Construction 箱体	15厘多层夹板15mm Plywood
Cabinet Surface Treatment 表面处理	Grey Catalyzed Polyurethane Paint 灰色催化聚氨酯面漆
Dimensions (H x W x D) 箱体尺寸	320×470×300mm
Low 低频	(双磁 double magnet) 10 IN×1 (260mm)
High 高频 (纸盆高音)	3 IN ×4 (100mm)
N.W. 重量	10kg

Install Size 安装尺寸:



Front (正面)

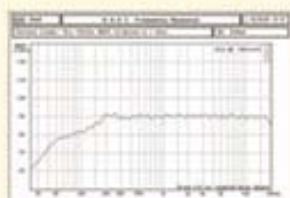
Rear (后面)

Top (顶面)

Underside (底面)



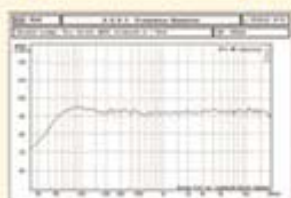
K-25



Sensitivity Curve
灵敏度曲线图



K-28

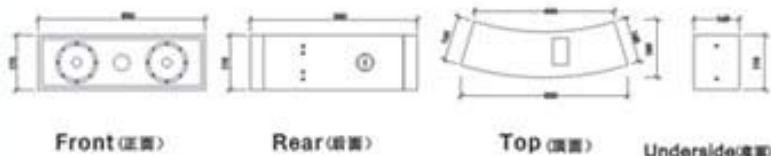


Sensitivity Curve
灵敏度曲线图

Specification (系统参数)

Frequency response 频率响应	80Hz-20KHz
Directivity angle 辐射角度	
Long-term power (RMS) 额定功率	50W-100W
Peak Power Handling 峰值功率	100W-200W/5Min
Impedance 阻抗	16 ohms
Sensitivity 灵敏度	89dB (2.83v/m)
Maximum SPL 最大声压	105dB
Connection 接线方式	
Enclosure Construction 箱体	15mm多层夹板15mm Plywood
Cabinet Surface Treatment 表面处理	Grey Catalyzed Polyurethane Paint 灰色催化聚氨酯面漆
Dimensions (H x W x D) 箱体尺寸	175x530x180mm
Low 低频	5 IN x 2 (160mm)
High 高频	1 IN x 1 (25mm)
N.W. 重量	6.5kg

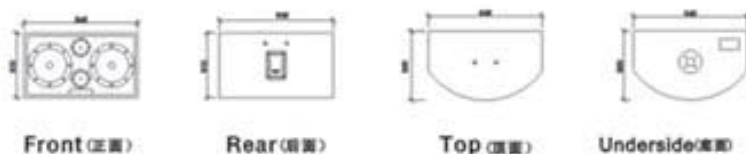
Install Size 安装尺寸:



Specification (系统参数)

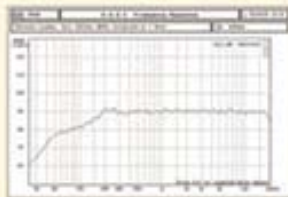
Frequency response 频率响应	45Hz-20KHz
Directivity angle 辐射角度	
Long-term power (RMS) 额定功率	180W
Peak Power Handling 峰值功率	360W/5Min
Impedance 阻抗	4 ohms
Sensitivity 灵敏度	93dB (2.83v/m)
Maximum SPL 最大声压	109dB
Connection 接线方式	1xNL 4 Speakon
Enclosure Construction 箱体	15mm多层夹板15mm Plywood
Cabinet Surface Treatment 表面处理	Grey Catalyzed Polyurethane Paint 灰色催化聚氨酯面漆
Dimensions (H x W x D) 箱体尺寸	310x545x330mm
Low 低频	(双磁 double magnet) 8 IN x 2 (210mm)
High 高频 (纸盆高音)	3 IN x 2
N.W. 重量	12kg

Install Size 安装尺寸:





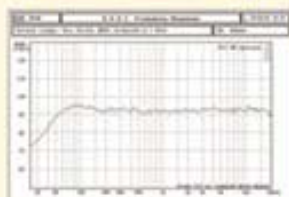
K-25



Sensitivity Curve
灵敏度曲线图



K-28

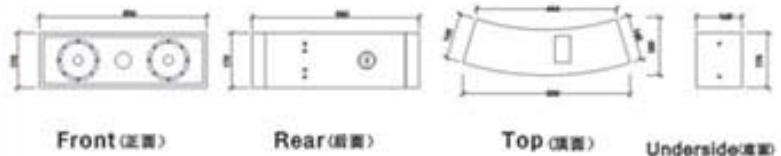


Sensitivity Curve
灵敏度曲线图

Specification (系统参数)

Frequency response 频率响应	80Hz-20KHz
Directivity angle 辐射角度	
Long-term power (RMS) 额定功率	50W-100W
Peak Power Handling 峰值功率	100W-200W/5Min
Impedance 阻抗	16 ohms
Sensitivity 灵敏度	89dB (2.83v/m)
Maximum SPL 最大声压	105dB
Connection 接线方式	
Enclosure Construction 箱体	15层多层夹板15mm Plywood
Cabinet Surface Treatment 表面处理	Grey Catalyzed Polyurethane Paint 灰色催化聚氨酯漆
Dimensions(H x W x D) 箱体尺寸	175x530x180mm
Low 低频	5 IN x 2 (160mm)
High 高频	1 IN x 1 (25mm)
N.W. 重量	6.5kg

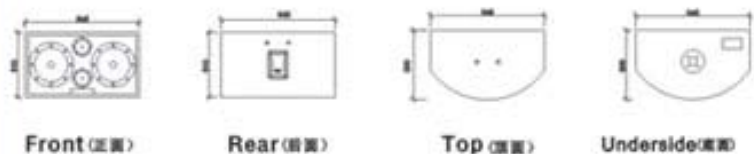
Install Size 安装尺寸:



Specification (系统参数)

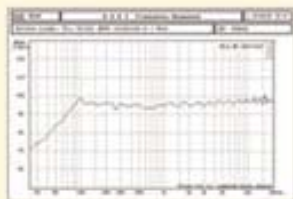
Frequency response 频率响应	45Hz-20KHz
Directivity angle 辐射角度	
Long-term power (RMS) 额定功率	180W
Peak Power Handling 峰值功率	360W/5Min
Impedance 阻抗	4 ohms
Sensitivity 灵敏度	93dB (2.83v/m)
Maximum SPL 最大声压	109dB
Connection 接线方式	1xNL 4 Speaker
Enclosure Construction 箱体	15层多层夹板15mm Plywood
Cabinet Surface Treatment 表面处理	Grey Catalyzed Polyurethane Paint 灰色催化聚氨酯漆
Dimensions(H x W x D) 箱体尺寸	310x545x330mm
Low 低频	(双磁 double magnet) 8 IN x 2 (210mm)
High 高频 (纸盆高音)	3 IN x 2
N.W. 重量	12kg

Install Size 安装尺寸:





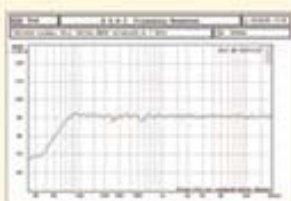
KS-3



Sensitivity Curve
灵敏度曲线图



KS-4

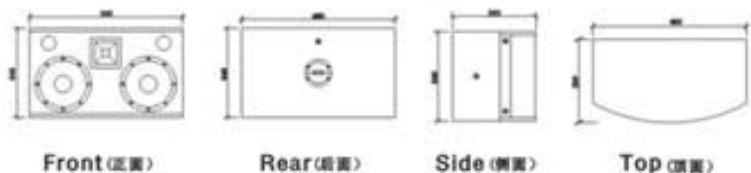


Sensitivity Curve
灵敏度曲线图

Specification (系统参数)

Frequency response 频率响应	45Hz-20KHz
Directivity angle 辐射角度	H60° × V40°
Long-term power(RMS) 额定功率	180W
Peak Power Handling 峰值功率	360W/5Min
Impedance 阻抗	4 ohms
Sensitivity 灵敏度	94dB(2.83v/m)
Maximum SPL 最大声压	120dB
Connection 接线方式	
Enclosure Construction 箱体	15厘多层夹板15mm Plywood
Cabinet Surface Treatment 表面处理	Grey Catalyzed Polyurethane Paint 灰色催化聚氨酯面漆
Dimensions(H x W x D) 箱体尺寸	340×480×280mm
Low 低频	(双磁 double magnet) 8 IN×2(210mm)
High 高频	1 IN×1(25mm)
N.W. 重量	12kg

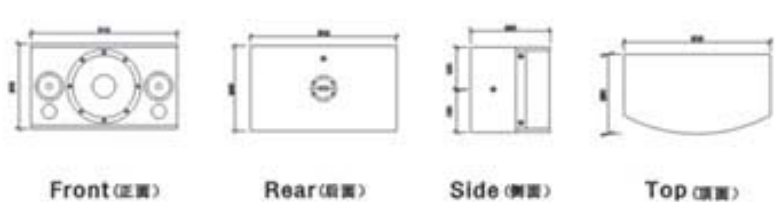
Install Size 安装尺寸:



Specification (系统参数)

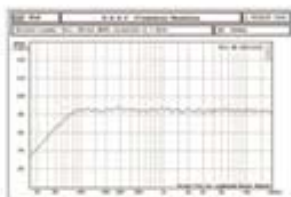
Frequency response 频率响应	40Hz-20KHz
Directivity angle 辐射角度	
Long-term power(RMS) 额定功率	120W
Peak Power Handling 峰值功率	240W/5Min
Impedance 阻抗	8 ohms
Sensitivity 灵敏度	93dB(2.83v/m)
Maximum SPL 最大声压	118dB
Connection 接线方式	
Enclosure Construction 箱体	15厘多层夹板15mm Plywood
Cabinet Surface Treatment 表面处理	Grey Catalyzed Polyurethane Paint 灰色催化聚氨酯面漆
Dimensions(H x W x D) 箱体尺寸	300×510×280mm
Low 低频	(双磁 double magnet) 10 IN×1(260mm)
High 高频 (纸盆高音)	3 IN ×2
N.W. 重量	10.5kg

Install Size 安装尺寸:





KS-350



Sensitivity Curve
灵敏度曲线图



KS-450

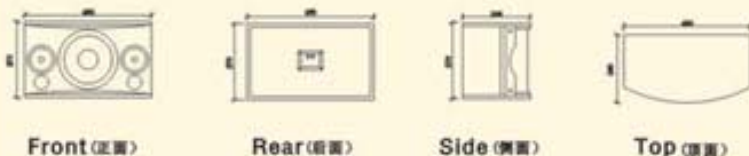


Sensitivity Curve
灵敏度曲线图

Specification (系统参数)

Frequency response 频率响应	50Hz-20KHz
Directivity angle 辐射角度	
Long-term power (RMS) 额定功率	100W
Peak Power Handling 峰值功率	200W/5Min
Impedance 阻抗	8 ohms
Sensitivity 灵敏度	90dB (2.83v/m)
Maximum SPL 最大声压	109dB
Dimensions (H x W x D) 箱体尺寸	270×450×235mm
Low 低频 (双磁 double magnet)	8 IN×1 (210mm)
High 高频 (纸盆高音)	3 IN×2
N.W. 重量	7.5kg

Install Size 安装尺寸:



Specification (系统参数)

Frequency response 频率响应	40Hz-20KHz
Directivity angle 辐射角度	
Long-term power (RMS) 额定功率	120W
Peak Power Handling 峰值功率	240W/5Min
Impedance 阻抗	8 ohms
Sensitivity 灵敏度	93dB (2.83v/m)
Maximum SPL 最大声压	112dB
Dimensions (H x W x D) 箱体尺寸	290×500×280mm
Low 低频 (双磁 double magnet)	10 IN×1 (260mm)
High 高频 (纸盆高音)	3IN×2
N.W. 重量	10.5kg

Install Size 安装尺寸:





Characteristics 功能特点:

AT series is Seer Audio professional Karaoke amplifier which have high quality performance .

- ▶ High sensitivity protector, for overload ,over-current ,and overheating .
- ▶ High efficient air cooling system.
- ▶ Powerful linear power supply .
- ▶ Symmetrical structure ,maintaining in weight equilibrium.
- ▶ Ultra loop-shaped transformer ,with high efficiency.
- ▶ Standard 3U cabinet, with high strength frame.

AT系列是Seer高品质的专业卡拉OK功率放大器。也是Seer经典的结晶。选用了日本三菱顶级的卡拉OK专用芯片，结合Seer独领风骚的专业卡拉OK线路精心设计而成，大型环型变压器供电，其巨大的能量供给能力是其稳定可靠的基石。隐藏式的调节旋钮可避免使用者的误操作，开机自动寻找音源，不需要人的干预，简化了操作步骤；话筒信号与音乐信号通路相互独立、互不干扰，可很方便地将话筒声及音乐声的音量和音调调节到最佳状态，不会出现相互不能兼顾的情况，用户在使用时非常方便；采用强制制冷风扇系统，满足长时间稳定可靠的工作。改善及美化演唱者的嗓音，它具有中频温暖厚实、低频深沉有力、高频清晰明亮的声音特点。它扩展了演唱者的频域，能使演唱时倍感轻松自然。效果不同凡响。



Model	型号	AT-481	AT-4810
Power	功率	150W+150W	240W+240W
THD	总谐波失真	<0.2%	
Frequency Response	频率响应	10Hz-25KHz±3dB	20Hz-20KHz±1dB
SN Ratio	信噪比	>90db	
Input	输入音源	DVD/VCD/AUX	
Power supply	电源	220V/50Hz	
Dimension	尺寸	380×430×130	
Net weight	重量	8kg	10kg

Characteristics 功能特点:

- ▶ Luxury faceplate, attractive design, enough big memories and suitable for any place.
- ▶ Synchronization 4 channel sound automatic/hand switch.
- ▶ MIC tonality, which can resist the squeal very well.
- ▶ Professional 20Bit 64k digital echo electronic circuit design make the sound close to the nature
- ▶ Cooling fan can ensure Amplifier work very well in a long time.
- ▶ Adopting large capacity, high efficiency, monolithic integrated circuit control.
- ▶ Adopting transposition chip and automatic reset function which origin from Japanese technology.
- ▶ Above 180w+180w power, big dynamic output, ultra bass over than 300W, the middle set over than 100W.
- ▶ Ultra bass can be adjusted to within the scope of 75Hz-250Hz, each frequency division spot can reach 24dB,
- ▶ ultra bass volume of middle set controlled separately.
- ▶ Input/output port can be connected to the equipments conveniently
- ▶ Combine with many speakers and microphones at the same time
- ▶ The design is special for KARAOKE room, the sound can be controlled in a hide way.

- ▶ 豪华的面板, 新颖的设计, 目前最大的内存, 较强的各种场合的适应能力, 都是您的最佳选择。
- ▶ 同步四路音视频自动/手动转换。
- ▶ 本机具有MIC肆段音调, 所以特强抑制啸叫的能力。
- ▶ 工程式设置功能可以灵活地控制工程应用。
- ▶ 专业级20Bit 64K数码回声电路, 两段回声音调电路设计, 使歌声更加丰富自然。
- ▶ 冷却风扇加强本机的散热, 满足长时间的工作。
- ▶ 采用大容量高性能单片机控制, 准确可靠。
- ▶ 采用三菱电子音量/变调芯片, 信噪比高, 音色自然逼真±4级变调, 自动复位功能。
- ▶ 180W+180W以上大功率, 大动态输出, 超低音达300W以上, 中置100W以上。
- ▶ 超低音频段点可调(75Hz~250Hz)每频段达24dB, 中置超低音音量独立调节。
- ▶ 预放输出口很方便的扩展功率放大器, 输入/输出口能更方便的驳接均衡器等周边设备。
- ▶ 能同时外界多组音箱, 只须外接上DVD或其他歌源信号, 就可以一展你的音乐才华。
- ▶ 可外接上卡座将你的歌声效果收录起来。
- ▶ 可同时插上多支麦克风, 可实现大合唱, 设有卡拉OK自动接唱功能。(E系列带有七或三段均衡调节)
- ▶ 整体设计根据卡拉OK包房商业使用要求, 其音色和效果采用隐藏式调节, 保证工作可靠。
- ▶ 成熟的软启动/保护电路, 让音箱更安全。

Specifications (技术参数):

Microphone 话筒: 0.5mV/1000mV/2Kohm

Audio frequency 音频: 0.707V/51Kohm

Video frequency 视频: 1VP-P/75ohm

Frequency response 频响: 20Hz~20KHz±1.5dB

Distortion 失真: < 0.5%

SNR 信噪比: >90dB

Impedance 阻抗: 8Ω



Model	型号	DK-902	DK-903
Main channel	主声道	180W+180W	250W+250W
Sub-power	超低音		500W



Specification (技术参数):

Microphone 话筒: 0.5mV/1000mV/2Kohm

Audio frequency 音频: 0.707V/51Kohm

Video frequency 视频: 1VP-P/75ohm

Frequency response 频响: 20Hz-20KHz±1.5dB

Distortion 失真: < 0.5%

SNR 信噪比: >90dB

Impedance 阻抗: 8Ω

Model	型号	KS-902	KS-903
Main channel	主声道	180W+180W	300W+300W
Sub-power	超低音		500W

- ▶ 豪华的面板, 新颖的设计, 目前最大的内存, 较强的各种场合的适应能力, 都是您的最佳选择。
- ▶ 同步四路音视频自动/手动转换。
- ▶ 本机具有MIC肆段音调, 所以特强抑制啸叫的能力。
- ▶ 工程式设置功能可以灵活地控制工程应用。
- ▶ 专业级20Bit 64K数码回声电路, 两段回声音调电路设计, 使歌声更加丰富自然。
- ▶ 冷却风扇加强本机的散热, 满足长时间的工作。
- ▶ 采用大容量高性能单片机控制, 准确可靠。
- ▶ 采用三菱电子音量/变调芯片, 信噪比高, 音色自然逼真±4级变调, 自动复位功能。
- ▶ 180W+180W以上大功率, 大动态输出, 超低音达300W以上, 中置100W以上。
- ▶ 超低音分频点可调(75Hz-250Hz)每频段达24dB, 中置超低音音量独立调节。
- ▶ 预放输出口很方便的扩展功率放大器, 输入/输出口能更方便的驳接均衡器等周边设备。
- ▶ 能同时外界多组音箱, 只须外接上DVD或其他歌源信号, 就可以一展你的音乐才华。
- ▶ 可外接上卡座将你的歌声效果收录起来。
- ▶ 可同时插上多支麦克风, 可实现大合唱, 设有卡拉OK自动接唱功能。(E系列带有七或三段均衡调节)
- ▶ 整体设计根据卡拉OK包房商业使用要求, 其音色和效果采用隐藏式调节, 保证工作可靠。
- ▶ 成熟的软启动/保护电路, 让音箱更安全。

Specification (技术参数):

DSP-300、DSP-400、DSP-500

MIC TONE: Four channel digital: ± 12 dB
MIC音调: 四声道数字式 ± 12 dB
Parameter: Feedback/Time/ Tone: 0-127
参数: 反馈/时间/音调: 0-127
Music Volume: 0-87dB MIC
音乐音量: 0-87dB MIC
Volume: 0-63dB
音量: 0-63dB
Music Tone Two channel: ± 12 dB
音乐音调两声道 ± 12 dB
Effect Sort: 18
效果种类: 0-18种
Input Signal: Microphone ≥ 0.5 mv/600 Ω
输入信号: 话筒 > 0.5 mv/600 Ω
Music ≥ 0.7 mv/2K Ω
音乐 > 0.7 mv/2K Ω
Video Frequency ≥ 0.7 mv/75 Ω
视频 > 0.7 mv/75 Ω
Frequency response: 20Hz-20KHz
频率响应: 20Hz-20KHz
Power supply: 220V-50Hz/60Hz
工作电压: 220V-50Hz/60Hz
Distortion: 0.5%
失真: 0.5%
SNR: ≥ 90 dB
信噪比: > 90 dB



- ▶ Attractive appearance design, comfortable soft key-press
 - ▶ LCD plus digital tube, swift key-press, the perfect combination make your control so convenient.
 - ▶ 48KHz 24 Bit DSP processor and independent editor for music.
 - ▶ 18 different kinds of effect which have digital editor function for parameter
 - ▶ ± 5 DSP modified processor and have automatic restoration function .
 - ▶ You can get the reserve parameter and the favorite effect conveniently by a key-press, there are 19 memories in it.
 - ▶ Audio input port can connect conveniently to the equalizer, feedback processor and other equipments in automatic/hand way
 - ▶ Groups of wire/wireless MIC input.
 - ▶ Special lock for key-press, limitation for volume, strong cooling system, wireless remote control, It is suitable for KTV, meeting room and project
 - ▶ 4 group sound output port can connect two 8ohms or two 4ohms speakers
-
- ▶ 独特的外观设计, 舒服的软体按键, 每个键下的背景灯的设计, 无一不是本公司的精华。
 - ▶ 液晶屏加上辅助的数码管显示, 还有快捷的直接操作按键, 让你的操作一目了然。
 - ▶ 真正的48KHz 24位的DSP数字式处理器, 能让你的声音更加细腻的原音体现。
 - ▶ 18种大类效果加上每种效果参数编辑功能能让你编出无数种你喜爱的效果。
 - ▶ 独立的音乐编辑功能, 回响处理, 预置4种声场处理模式, 能让它轻松适应各种场合。
 - ▶ ± 5 级的DSP变调处理器, 使音色还原更加逼真, 自然, 并有自动复位功能。
 - ▶ 方便的一键调出预置参数功能, 19个储存区让你更方便的找出你喜爱的效果。
 - ▶ 特强的啸叫抑制功能, 能让你随心所欲的一展您亮丽的歌喉。
 - ▶ 肆组音/视频输入端能实现自动/手动输入选择输入/输出口能让你更方便的联接均衡器, 反馈抑制器, 效果器, 录音卡座等。
 - ▶ 多组有线/无线MIC输入, 能让你欢聚一堂, 共享本机给你带来的快乐。
 - ▶ 独特的按键锁定, 音量限制, 强力特静的冷却系统, 外接无线遥控, 更能让你无忧无虑的装到卡包房, 会议室等工程上。
 - ▶ 肆组喇叭端子输出口能负载肆个8 Ω 或两个4 Ω 音箱。
 - ▶ 输出功率: (8 Ω 、THD5%) DSP-300: 130W+130W、DSP-400: 185W+185W、DSP-500: 240W+240W



Characteristics 功能特点:

FA series has different bloodline with PA, MA series with developed in another system. FA series covers the height of 2U to 3U and power 250W to 1200W. FA series hanker for higher speed, bigger damping factor, more rich functions and advanced protection system. FA series is designed with excellent cooling system, compact and stable mechanical aseismic capabilities, SMT technology as well as precise components. FA series is able to load for stereo 2Ω, bridge 4Ω, and adapts to drive line array speaker system, Professional power-handling capabilities and exceptional low-end response make this amplifier an ideal choice for installations and touring applications that demand the finest audio quality. FA series can be used in live concert, disco, night Clubs, etc.

Seer的FA系列功放脱离了PA、MA系列的血统，是在另外一个平台上开发出来的系列。FA系列的产品涵盖了2U-3U的高度和225W-1900W的功率范围。FA系列追求的是更快的反应速度、更高的阻尼系数、更丰富的功能、更高级的保护系统。FA系列有着优良的散热风路设计，紧凑稳固的机械抗震性能，SMT的生产技术，精良的元器件。FA系列的功放都可以承受立体声2Ω，桥接4Ω的负载，适合驱动线性阵列的扬声器系统。FA系列适用于大型流动演出、乐队表演、DISCO、夜总会等场合。



MODEL	型号	FA801	FA1201	FA2401	FA4801	FA5001
Output Power	双通道连续输出功率					
8Ω, 1kHz, RMs	8 ohms, 1kHz, Rms	2×250W	2×400W	2×600W	2×900W	2×1200W
4Ω, 1kHz, RMs	4 ohms, 1kHz, Rms	2×450W	2×750W	2×1000W	2×1500W	2×2000W
Output Power(bridged mono)	桥接单声道输出	900W/ 8 ohms	1200W/ 8 ohms	1800W/ 8 ohms	3000W/ 8 ohms	3600W/ 8 ohms
Input impedance	输入阻抗	>20KΩ	>20KΩ	>20KΩ	>20KΩ	>20KΩ
Cross Talk	声道分离度	<-80dB	<-80dB	<-80dB	<-80dB	<-80dB
THD	谐波失真(满功率)	>0.05%/800W	>0.08%/900W	>0.1%/1000W	>0.1%/450W	>0.1%/450W
SN Ratio	信噪比	>110dB	>110dB	>100dB	>100dB	>100dB
Slew Rate	转换速率	>50V/us	>50V/us	>60V/us	>60V/us	>60V/us
Damping Factor	阻尼系数	>200	>250	>300	>300	>300
Frequency Response	频率响应(半功率)	20Hz-30Khz(half-power)				
power supply	电源	AC 200V/50Hz-60Hz				
Dimension(W×D×H)	尺寸(W*D*H)	484mm×440mm×90mm	484mm×480mm×90mm	484mm×555mm×132mm		
Net weight	重量	25kg	28kg	30kg	35kg	38kg

Characteristics 功能特点:

- ▶ comprehensive protection circuitry including DC, infrasonic, thermal overload and short circuit protection
 - ▶ automatic variable-speed fan for quiet normal operation with maximum cooling on demand
 - ▶ advanced power supply technology, powerful output. Tight bass and sound fidelity.
 - ▶ high efficiency cooling system with dual variable speed fans controlled by temperature for low noise.
 - ▶ Stereo, parallel, bridged-mono connect available.
 - ▶ limited protection to avoid speaker from being damaged while system overload.
- ▶ Q系列专业功率放大器是一款专业Hi-Fi（高保真）级标准专业音频功率放大器设计，整机布局安全、牢固、简洁、美观，是本公司多年致力于音频技术和音频工程的研究所取得的丰富经验及最新技术的精髓。它是专为满足世界级音频系统设计人员和广大工程商的迫切需求而设计的。该系列产品是朗声最新设计的、高端专业味道十分浓郁的新系列产品，外观端庄大方，内在高贵精简工艺细腻精致。
- ▶ 完善的电子线路：功放线路采用全平衡低失真高速Hi-Fi型放大线路。高保真放大，音频信号平滑流畅原汁原味的流露。滤除了次低频电信号和超高频电信号，使谐波失真和噪音都大大降低，提供细腻、纯美、丰满的音频解析力。完善的电子保护线路，具有开机软启动功能，有效的降低了开机瞬间的脉动（浪涌）电流，减小了电源开关、电源保护器（保险管）和强电保护器（空气等）在开机瞬间的电功率承受负荷，避免意外（在这种情况下）掉电。
- ▶ 丰富实用的功能：在功能设置方面，Q系列的设计是朗声终极版产品之一，几乎达到了“炉火纯青”的地步。输入端口支持平衡电信号和非平衡电信号输入，并可提供平衡和非平衡电信号输出，自动实现平衡转平衡方式输出和非平衡转平衡方式输出方式，满足现代化专业场所的需要。多阶高通切换滤波器，俗称“低切”，可根据实际的音频系统的具体情况，使用该项功能既可体现所搭配专业音箱的实际水平和发挥专业音箱各自的特点，达到尚佳的音响效果，又可充分利用电源能量，发挥本机特有的潜在实力。体现了朗声科技以专业为核心的至高境界。



Model	型号	Q-0.6	Q-0.8	Q-1.2	Q-1.6	Q-2.0
Output Power	双通道连续输出功率					
8Ω、1kHz、RMS	8 ohms, 1kHz, Rms	2×255W	2×350W	2×500W	2×750W	2×960W
4Ω、1kHz、RMS	4 ohms, 1kHz, Rms	2×420W	2×610W	2×880W	2×1250W	2×1560W
Output Power(bridged mono)	桥接单声道输出	800W/8 ohms	1100W/8 ohms	1560W/8 ohms	1560W/8 ohms	3000W/8ohms
Input Impedance	输入阻抗	>20kΩ	>20kΩ	>20kΩ	>20kΩ	>20kΩ
Cross Talk	声道分离度	<-80dB	<-80dB	<-80dB	<-80dB	<-80dB
THD	谐波失真(满功率)	<0.05%/880W	<0.08%/900W	<0.1%/1000W	<0.1%/450W	<0.1%/450W
SN Ratio	信噪比	>100dB	>100dB	>100dB	>100dB	>100dB
Slew Rate	转换速率	50V/us	50V/us	50V/us	50V/us	50V/us
Damping Factor(8Ω)	阻尼系数	>200	>200	>250	>300	>300
Frequency Response	频率响应(半功率)	20Hz-30KHz(half-power)				
power supply	电源	AC 220V/50Hz-60Hz				
Dimension(W×D×H)	尺寸(W*D*H)	480×130×500mm				
Net weight	重量	25kg	28kg	30kg	35kg	38kg



Characteristics 特点:

- ▶ 独有专利技术
Particular patent technology.
- ▶ 功率大、体积小、重量轻
Big power, small volume, light weight.
- ▶ 多重检测、多重保护
Multiple detection, multiple protection.
- ▶ 可2欧长期工作
Work for long time even in 2 ohm.
- ▶ 大范围输入限幅
Big scope input limiter.

MA series description: (MA系列说明)

- ▶ Because of adopting the big power and high efficiency switch power supply, it can provide super high speed powersupply, twinkling response is extremely good, special wide scope of music frequency, high frequency is clear, middle frequency is round and smooth, stronger punch in low frequency, give you a mind-blowing sense. More light weight, it's more convenient for use in varied locations.
- ▶ This is new patent technology of high frequency switch power supply, no feed back, no voltage regulation, good floating drive load capacity. It is a special design unit for the power supply of the amplifier to offer enough work voltage and floating current. It includes many functions like soft-start, twice-start, overdue voltage protection, overload protection, short circuit protection etc.

Seer MA 开关电源功放，由于采用了大功率高效率开关电源，因而电源的供给速度更快、瞬态响应极佳、频响特宽、高频清晰，中频圆润流畅，低频更具震撼力度，且重量轻，更方便不同场合使用。它是一种全新的无反馈、无稳压、有良好浮动负载驱动能力的高频开关电源专利技术，是专门为音频输出的电源通路提供足够的工作电压和浮动电流而专门设计的系统。系统中包含了软启动、二次启动、过欠压保护、输出过载、短路保护等功能。

MODEL	型号	MA-600	MA-1200	MA-2400	MA-3600	MA-5000
8Ω stereo power	8欧立体声功率:	250W x 2	350W x 2	600W x 2	900W x 2	1200W x 2
4Ω stereo power	4欧立体声功率:	400W x 2	600W x 2	900W x 2	1250W x 2	1800W x 2
2Ω stereo power	2欧立体声功率:	600W x 2	900W x 2	1200W x 2	1600W x 2	2200W x 2
8Ω bridge power	8欧桥接输出功率:	800W	1200W	1800W	2500W	3200W
Frequency response	频率响应:	20-20KHz+0/-0.5dB				
THD+N	总谐波失真:	<0.01%				
S/N rate	信噪比:	≥90dB				
Slew rate	转换速率:	30V/μs		40V/μs		
Input Impedance	输入阻抗:	20KΩ				
Input sensitivity	输入灵敏度:	0dB				
Max input gain	最大输入增益:	±20dB				
Height	高度:	2U				
Packing dimensions	尺寸:	610 x 590 x 160mm				
Volume	音量:	0.05M ³				
Gross weight	重量:	12kg	13kg	13kg	15.5kg	16kg

Characteristics 特点:

- ▶ 极低噪声设计为专业工程顺利通过验收提供有力的保证。
Low-noise designed for assurance professional project is smooth through .
- ▶ 多重智能逻辑适应判断保护系统。
Multipurpose logic judgement protection system .
- ▶ 可切换软削波限幅功能。
Switch Clipping Limiter function.
- ▶ 出色的音质。
Excellent Timbre.
- ▶ 高效自动变速散热系统。
High efficient automatic fan cooling system.



PA series description: (PA系列说明)

- ▶ PA series is the basic series of all Seer power amplifiers. PA series has rich second humrous wave and the total volume of second humorous wave is bigger than the third humorous. So,the sound of PA series is very euphonious and melodious. The circuit designs of PA advocate simple and practical PA series is the highest performance with most competitive price.
- ▶ PA series fits for church, meeting room, background music, pub, mini band and karaoke, etc.

Seer的PA系列功放是标准的基础系列功放。PA系列的功放有着无比丰富的偶次谐波，而且谐波总量比奇次谐波的总量要大，因此PA系列的音色非常悦耳动听、柔和细腻。PA系列的线路结构崇尚简洁实用，追求最大限度的还原音源的音色。PA系列使用分立元件的设计，因此容易维修，PA全系列的机箱高度均为3U，且使用2个规格为120MM×120MM的散热风扇，因此PA系列的功放有着非常良好的散热条件，PA的产品均使用高品质的冷轧钢板，因此有良好的机械搞变形特性。以上的条件决定了PA系列的产品是非常耐用的，同时PA系列也是一个性价比最高的系列。

Seer的PA系列适用于教堂、会议厅、背景音乐、酒吧、小型乐队、卡拉OK等场合。

MODEL	型号	PA-350	PA-450	PA-650	PA-800	PA-1100
8Ω stereo output power	8 欧立体声输出功率	350W	500W	750W	850W	960W
4Ω stereo output power	4 欧立体声输出功率	600W	880W	1250W	1400W	1560W
8Ω bridge output power	8 欧桥接输出功率	1100W	1560W	1560W	2500W	3000W
Frequency response	频率响应(半功率)	20Hz-20kHz,+/-0.5dB				
THD	总谐波失真	<0.03%				
IMD	互调失真	<0.03%				
Input sensitivity	输入灵敏度	0.775V,1V,1.4V				
Input impedance	输入阻抗	20KΩ/10KΩ				
Cross talk	声道分离度	<-85dB				
Slew rate	转换速率	50V/us				
Damping factor(8Ω)	阻尼系数	>300				
SNR	信噪比	>100dB				
Power	电源	AC 220V/50Hz-60Hz				
Dimension	尺寸(W*D*H)	485×575×135				
Net weight	重量	25kg	28kg	30kg	35kg	38kg



Feature 特点:

The PS controller is an advanced analogue processor that allows the PS Loudspeaker and optional PS full-range and Bass to achieve exceptional performance from such compact packages.

The PS processor provides crossover, sensed amplifier control and system equalization optimized for the full-range PS-8II, PS-10II, PS-12II, PS-15II, Bass PS-400 and PS-600. The PS processor also features user selectable passive or active (bi-amp) operation of the Loudspeaker. One PS processor has two inputs and three outputs, including summed sub out, minimizing installation cost and complexity. The PS processor provides precision dynamic, voice coil temperature and diaphragm displacement protection through the use of selective Voltage Controlled Equalizers (VCEQs), reducing levels only at frequencies when and where necessary.

PS processor specification 系统参数:

Output Level	+20 dBm Max. +19 dBm Max on 1K ohm
Noise	-88 dBm (22Hz-22KHz, UnWeighted)
THD+N	<0.03% Typ. 0.05 Max for +18dBm Output
Power Supply	110/220 Volts (Internal wiring), 50/60 Hz
Dimensions:	1U 19 Rack, 8.5 Depth
Packing	54x30x12mm
Net Weight	3.3kg
Gross Weight	3.9kg



PS Processor



BF Processor

Specification 系统参数:

Input:	2 Electronically Balanced
Impedance:	20kOhms(10kOhms Perleg signal ended)
CMRR:	60dB 20Hz-20kHz
Connector:	3pin Female XLR
Output:	4 Electronically Balanced
Source Impedance:	62 Ohms
Min. load Impedance:	600 Ohms
Max. Output:	+20dBu into 600 Ohms
Connectors:	3pin XLR
Frequency Response:	-3dB@45Hz 12dB/octave
Distortion + Noise:	0.01% THD@2V output(Limiters Cancelled)
Signal + Noise/Noise Ratio:	>100db@2V output
Limiter:	Individual for each channel
Main Supply:	Captive 2m 3core cable with Integral UK 3pin Plug
Main Voltage:	100-120/220-240V, AC 50/60Hz
Main Fuse:	100-120V and 220-240V:160MA type ' T ' (L)
Dimension:	(W)19insx(H)1.7insx(D)6.1ins (W) 482mm x (H) 44mm x (D) 155mm
Net Weight:	2.4kg

PC -26

Specification 系统参数:

- ▶ 24-bit Σ - Δ A/D, D/A, 48kHz sampling rate
- ▶ Internal 3 24-bit DSP processing
- ▶ A flexible 2 inputs, 6 outputs multi-mode
- ▶ crossover format:
 - 2x2 way + 2 sub crossover
 - 2x3 way crossover
 - 4 way + 2 aux crossover
 - 5 way + 1 aux crossover
 - 6 way crossover
- ▶ Each parametric section provides -40dB~+6dB gain control, step in 0.5 dB limited control
- ▶ Each parametric section has 3 bands
- ▶ PEQ with frequency, gain and bandwidth adjustable
- ▶ Crossover range: Low:20Hz~20kHz, 377 positions, High: <10Hz~16kHz, 380 positions
- ▶ Crossover slopes of 6,12,18,24 or 48dB per octave, filter types butterworth or linkwitz-riley Bessel
- ▶ Each output has 5 parameter equalizers, parameter can adjust.
- ▶ Each channel max 7 ms delay with parameters adjustable
- ▶ 10 user memorizes, RS 232 control
- ▶ 8x7 LED inputs/outputs accurate level meters
- ▶ Switch: 90~250v 2x20 LCD display with backlit
- ▶ Dimensions (HxWxD):45x165x480mm
- ▶ Net weight : 2kg



PC -206

Specification 系统参数:

- ▶ 24-bit dual DSP, top Σ - Δ AD/DA,
- ▶ 48kHz sampling rate
- ▶ Crossover slopes of 6,12,18,24 or 48dB per octave, filter types butterworth or linkwitz-riley Bessel
- ▶ Parametric or shelving equalization for smoothing system frequency response
- ▶ Up to 630ms signal delay per signal path
- ▶ The threshold of the output compressor adjustable, attack and release time adjusted automatically
- ▶ Polarity reverse on each output
- ▶ 60 memory locations for user programs
- ▶ Auto electronically balanced inputs and Outputs
- ▶ MIDI and RS-232 control
- ▶ 2x16 character backlit LCD
- ▶ Switch: 90~250v
- ▶ Dimensions (HxWxD): 40x220x480mm
- ▶ Net weight : 2.5kg



PC -408

Specification 系统参数:

- ▶ DSP technique speaker processor, high-powered AKM, A/D AK 5392
- ▶ 4 PCS 24-bit DSP work together
- ▶ A flexible 4 inputs, 8 outputs multi-mode
- ▶ Crossover slopes of 6,12,18,24 or 48dB per octave, filter types butterworth or linkwitz-riley Bessel
- ▶ Each parametric section provides Limit Control with frequency, gain and bandwidth adjustable
- ▶ Polarity reverse on each output
- ▶ Each channel output limited control
- ▶ Each channel max 7 ms delay with parameters adjustable
- ▶ 10 user memorizes, RS 232 control
- ▶ 12x7 LED inputs/outputs accurate level meters
- ▶ Switch: 90~250v
- ▶ 2x20 LCD display with backlit
- ▶ Dimensions (HxWxD): 40x220x480mm
- ▶ Net weight : 3kg





E-SERIES 调音台 E-10 E-12 E-16

Performance Feature 性能特点:

- ▶ 噪音Noise :
话筒输入等效噪声Mic input equivalent Noise
最大增益(Max Gain : 22Hz-22KHz):-128dBu
22Hz-22KHz : < -85dBu
- ▶ 串音Crosstalk :
通道处于哑音状态Channel mute state : > 96dB
推子位下(以O标志为参考) Push key push off (0 parameter) : > 96dB
辅助送出电位器关闭AUX electric potential : > 86dB
话筒/线路输入到输出Mic/Line from Input to Output : +/-0.5dB 20Hz-20KHz
- ▶ 总谐波失真T.H.D 总谐波失真:
话筒灵敏度为=30dBu, 所有输出在=+20dBu: < 0.007%@1KHz
Mic Sensitivity =30dBu, all Output =+20dBu < 0.007%@1KHz
- ▶ 输入输出电平Input output level :
话筒输入最大电平Max Mic input level : 17bB
单声道线路输入最大电平Mono Max Level : +30Db
立体声线路输入最大电平Stereo Max Level : +30Db
耳机输出Earphone output : 300mw
所有其他音频输出Other Audio Frequency output : +20dBu
- ▶ 均衡器Graphic Equalizer :
高频HF : 12KHz,+/-15dB
中频MF : 140Hz-3KHz,+/-15dB
低频LF : 80Hz,+/-15Db



PM-SERIES 调音台 PM-12 PM-16

- ▶ 8 channel output ,one sub bass or L+R output
 - ▶ 2 channel parameter equalizer, parameter equalizer can switch in 4 channel .
 - ▶ Each channel have standard 4 segment EQ ,(MF parameter : 350Hz ~ 7KHz)
 - ▶ 100mm professional push key
 - ▶ 24-bit DSP effect process, outside with DSP parameter adjustable ,one switch effect choice
 - ▶ With tape input ,output port.
 - ▶ Each input channel have mute function.
- ▶ 八个声道输出，一个重低音或L+R输出。
 - ▶ 二个声道参量均衡，参量均衡可以在四个声道中切换。
 - ▶ 每路标准四段EQ（中频参量350Hz~7KHz）。
 - ▶ 100mm高分析度专业推子。
 - ▶ 24位DSP效果处理，外带DSP效果的各种参数调整，一键效果选择。
 - ▶ 带有录音输入，输出端口。
 - ▶ 每一路的输入都设置有断点功能。



Specification 系统参数:

Total Harmonic Distortion:	谐波失真:	≤0.05%
Frequency Response:	频率反应:	20Hz-20KHz
S/N Ratio:	信噪比:	≥ 80dB
Max Output:	最大输出:	4V Max
Input Sensitivity:	输入灵敏度:	Mic- 60dB Line-40dB Efet-20dB Auxin-40dB Tapein-60dB
Parametric EQ:	输入均衡:	HI±15dB/12KHz MID±15dB/250Hz LOW±15dB/60Hz
Power Requirements:	功耗:	≤30W
Power Supply:	电源电压:	AC220V-240V/50Hz-60Hz

Specification 系统参数:
AM-SERIES
AM-600 AM-7400 AM-8400 AM-600D
AM-600D

AM-8400


Total Harmonic Distortion:	谐波失真:	≤0.05%
Frequency Response:	频率反应:	20Hz-20KHz
S/N Ratio:	信噪比:	≥-80dB
Max Output:	最大输出:	4V Max
Input Sensitivity:		Mic-60 dB Line-40dB Efcet-40dB Auxin-40dB Tapein-40dB
Parametric EQ:	输入均衡:	HI±15dB/12KHz MID±15dB250Hz-6KHz LOW±15dB/60Hz
Power Requirements:	功耗:	250W+250w(5%THD)
Power Supply:	电源电压:	AC220V-240V/50Hz-60Hz

Specification 系统参数:
S-SERIES
S-6 S-8 S-6D S-8D
Function Characteristics


- ▶High quality microphone input.
- ▶Low noises pre-amplifier, with Strong anti-interference ability.
- ▶Every channel input uses low impedance circuit design.
- ▶3 Bands intermediate frequency scan EQ. Europe style.
- ▶1 ser AUX assistant output for signal processing.
- ▶Two groups-three color high exact level control.
- ▶Inner equipped with professional digital effector.
- ▶Outboard power supply easy for use.

Specification

Noise:	噪声:	<-80dBu
THD:	总谐波失真:	<0.005%
Channel crosstalk of decay:	通道串音衰减度:	<-80dBu
Frequency Response:	频率响应:	(20Hz-20KHz) ±3dB
Main output level:	主输出电平:	4V MAX
S-6D S-8D:		
Power Supply:	电源电压:	AC 220V/50-60Hz



Specification 系统参数:

DSP-SERIES

DSP 8-4 DSP12-4 DSP16-4 DSP20-4 DSP 800A DSP 1200A

Performance features :

- ▶ 24-bit DSP multi-effect processor, 48kHz sampling frequency, 14 effect mode, more than 100 kinds parameter memory.
- ▶ Developed using SMT, stable and dependable quality, With LCD display and easy operation.
- ▶ Imported potentiometer, smooth pushing and convenient operation.
- ▶ Real 2 groups, Be available with 12 to 24 channels.
- ▶ With 48V phantom power, separate switch for each MIC-line
- ▶ External large capacity power.
- ▶ DSP 12-4 can be installed in the standard 19" rack mounting, Strong monitor function.
- ▶ Standard double 12-band level meter, specific indicating level.

主要特点:

- ▶ 内置24-bit DSP数字效果器, 48K频率精度高、14种效果模式, 上100种参数组合变化。
- ▶ 液晶显示屏, 显示直观、操作方便
- ▶ SMT表面贴装工艺, 性能可靠
- ▶ 电位器手感平滑, 操作方便
- ▶ 真正两编组输出
- ▶ 从12路到24路, 选择更多
- ▶ 48V幻象电源, 每通道独立控制
- ▶ 外置式大容量电源
- ▶ DSP12-4可装标准19"标准机柜
- ▶ 监听控制功能强大
- ▶ 标准的双12段光柱电平表, 精确指示电平大小。



Mono input channel	单声道输入通道	balance MIC or Line input
Stereo input channels	立体声输入通道	balance or unbalance stereo Line input
Mic Sensitivity	话筒 (MIC)	-129.5dBu, 150ohm source -117.3dBqp, 150ohm source
Line input range	线路输入范围	+10dBu-60dBu
Gain adjust range	增益范围	-10dB-+60dB
Equalizer	均衡	HF: 12kHz+/-15dB, MF: 5kHz+/-15dB, LF: 80Hz+/-15dB
Frequency response	频率响应 (IV输出)	10Hz-60KHz+/-3dB 20Hz-20KHz+/-0.5dB
SNR	信噪比	>113dB
THD	失真度	<0.007% (+4dBu @ 1KHz)
Max output	最大输出	+22dBu bal, +16dBu unbal
Aux return gain range	辅助返回增益范围	-8-+20dB
Aux send max output	辅助发送最大输出	+22dBu
Multieffect processor	效果器	24-bit DSP Multieffect processor, 48KHz sampling frequency, 8 effect modes, more than 100 kinds variety, parameter, memory, LCD display
power supply	电源	AC 220V 50/60Hz 48V eidolon powersupply

Specification 系统参数:

MT-SERIES

MT-8 MT-12

- ▶ 4-channel MIC, 4-channel stereo line input.
- ▶ 2 channel output, Aux output, 2-channel monitor output
- ▶ 3-band EQ, 45mm push key, 60mm main push key.
- ▶ built-in digital effector
- ▶ 48v phantom power
- ▶ SMT technology

- ▶ 袖珍型机壳
- ▶ 4路话筒, 4路立体声线路输入
- ▶ 2路主输出, 1路辅助输出, 2路监听输出
- ▶ 输入三段均衡, 45mm 推杆, 主输出60mm 推杆
- ▶ 数字式内置效果器
- ▶ 48V幻象电源
- ▶ SMT工艺



Mono input channel	单声道输入通道	balance MIC and Line input
Stereo input channel	立体声输入通道	balance and unbalance stereo Line input
Mic Sensitivity	话筒 (MIC)	-129.5dBu, 150 ohm source -132dBu, input short circuit
Line input range	线路输入范围	+10dBu-40dBu
Gain adjust range	增益范围	-10dB-+60dB
Equalizer	均衡	HF: 12kHz+/-15dB, MF: 5kHz+/-15dB, LF: 80Hz+/-15dB
Frequency response	频率响应 (IV输出)	10Hz-60KHz+/-3dB 20Hz-20KHz+/-0.5dB
SNR	信噪比	>110dB
THD	失真度	<0.007% (+4dBu @ 1KHz)
Max output	最大输出	+22dBu bal, +16dBu unbal
Aux return gain range	辅助返回增益范围	-8-+20dB
Aux send max output	辅助发送最大输出	+22dBu
Multieffect processor	效果器	24-bit DSP Multieffect processor, 48KHz sampling frequency, 8 effect modes, more than 100 kinds variety, parameter, memory, LCD display
power supply	电源	AC 220V 50/60Hz

Specification 系统参数:

MX-SERIES

MX-1604A MX-2004A

- ▶ It can be installed in the standard 19 rack mounting.
- ▶ Integrated circuit without connection malfunction
- ▶ Developed using SMT, stable and dependable quality
- ▶ 4(SM1164) or 8(SM204) mono input channels, 4 stereo input and 2 group aux returns
- ▶ 2 main output channels, 2 ground output channels, 2 aux sends.
- ▶ Strong monitor function, monitoring all signal of input separately.
- ▶ +48V phantom power of each channel.
- ▶ With gooseneck DJ lamp.

- ▶ 整机采用整块双面电路板, 无连接故障
- ▶ 全表面装贴 (SMT) 工艺, 工作更可靠
- ▶ 4路或8路单声道输入
- ▶ 4路立体声输入, 4组返送输入
- ▶ 2组左右主输出, 2编组输出
- ▶ 2组辅助发送, 其中一组可设为推子前或推子后发送
- ▶ 监听功能强大, 能分别监听所有输入输出端
- ▶ 每路+48V幻想电源有独立开关
- ▶ 带DJ灯



Mono inputs channel	单声道输入通道	balance MIC and Line input
Stereo input channel	立体声输入通道	balance and unbalance stereo Line input
Mic Sensitivity	话筒 (MIC)	-129.5dBu, 150 ohm source -132dBu, input short circuit
Line input range	线路输入范围	+10dBu-40dBu
Gain adjust range	增益范围	-10dB-+60dB
Equalizer	均衡	HF: 12kHz+/-15dB, MF: 5kHz+/-15dB, LF: 80Hz+/-15dB
Frequency response	频率响应 (IV输出)	10Hz-60KHz+/-3dB 20Hz-20KHz+/-0.5dB
SNR	信噪比	>113dB
THD	失真度	<0.007% (+4dBu @ 1KHz)
Max output	最大输出	+22dBu bal, +16dBu unbal
Aux returns gain range	辅助返回增益范围	-8-+20dB
Aux send max output	辅助发送最大输出	+22dBu
Multieffect processor	效果器	24-bit DSP Multieffect processor, 48KHz sampling frequency, 8 effect modes, more than 100 kinds variety, parameter, memory, LCD display
power supply	电源	交 220V 50/60Hz



SC-234 分频器 (Crossover)

Frequency response	频率响应	<5Hz >90KHz +/-3dB
THD	总谐波失真	0.04%
SNR	信噪比	>93dB
Filter type	滤波类型	12dB/octave Butter worth state-variable filters
frequency point stereo	分频点	stereo: H/L: 44Hz-9.3KHz mono: M/L: 44Hz-9.3KHz M/L: 44Hz-9.3KHz
Input impedance	输入阻抗	50K Ω / 25 K Ω (bal/unbal)
Max input level	最大输入	+22dBu (bal/unbal)
Output impedance	输出阻抗	60 Ω (bal) 30K Ω (unbal)
Max output level	最大输出	+22dBu (bal/unbal)



SC-223 分频器 (Crossover)

Frequency response	频率响应	20Hz-20KHz+ 0.5dB
THD	总谐波失真	0.008%
SNR	信噪比	>94dB
Filter type	滤波类型	12dB/octave Butter worth state-variable filters
Frequency point stereo	分频点	stereo: H/L: 45Hz-9.6KHz mono: M/L: 45Hz-9.6KHz M/L: 45Hz-9.6KHz
Input impedance	输入阻抗	50 K Ω / 25 K Ω (bal/unbal)
Max input level	最大输入	+12dBu (ref: 0.775Vrms)
Output impedance	输出阻抗	102 Ω
Max output level	最大输出	+12dBu (ref: 0.775Vrms)



PR-108 时序器 (Power Repartition)

Max current	最大电流	20A each channel
Channel	通道数	10 channel
Power	电源	China: 220V 50/60Hz
		U.S.A: 120V 50/60Hz
		Europe: 230V 50/60Hz
Dimension	尺寸	484 * 155 * 90 mm
Net weight	净重	3.2 kg





SC-234 分频器 (Crossover)

Frequency response	频率响应	<5Hz >90KHz +/-3dB
THD	总谐波失真	0.04%
SNR	信噪比	>93dB
Filter type	滤波类型	12dB/octave Butter worth state-variable filters
frequency point stereo	分频点	stereo: H/L: 44Hz-9.3KHz mono: M/L: 44Hz-9.3KHz M/L: 44Hz-9.3KHz
Input impedance	输入阻抗	50KΩ / 25 KΩ (bal / unbal)
Max input level	最大输入	+22dBu (bal / unbal)
Output impedance	输出阻抗	60Ω (bal) 30KΩ (unbal)
Max output level	最大输出	+22dBu (bal / unbal)



SC-223 分频器 (Crossover)

Frequency response	频率响应	20Hz-20KHz+ 0.5dB
THD	总谐波失真	0.008%
SNR	信噪比	>34dB
Filter type	滤波类型	12dB/octave Butter worth state-variable filters
Frequency point stereo	分频点	stereo: H/L: 45Hz-9.6KHz mono: M/L: 45Hz-9.6KHz M/L: 45Hz-9.6KHz
Input impedance	输入阻抗	50KΩ / 25 KΩ (bal / unbal)
Max input level	最大输入	+12dBu (ref : 0.775Vrms)
Output impedance	输出阻抗	102Ω
Max output level	最大输出	+12dBu (ref : 0.775Vrms)



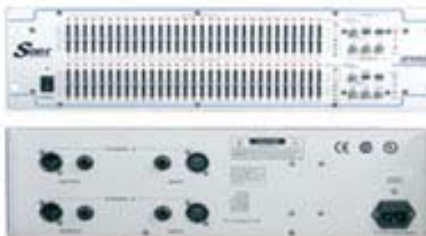
PR-108 时序器 (Power Repartition)

Max current	最大电流	20A each channel
Channel	通道数	10 channel China: 220V 50/60Hz
Power	电源	U.S.A: 120V 50/60Hz Europe: 230V 50/60Hz
Dimension	尺寸	484 * 155 * 90 mm
Net weight	净重	3.2 kg





SFE-862 反馈均衡器(Graphic Equalizer)



Max input level	最大输入电平	+18dBu (ref : 0.775Vrms)
Input impedance	输入阻抗	40 / 20 KΩ (bal/unbal)
Max output level	最大输出电平	18dBu (laden: 1mw/600 ohms)
Output impedance	输出阻抗	300 Ω (bal) 150 Ω (unbal)
Frequency response	频率响应	+1dBu, 20Hz-20KHz
Max boost and cut filter	最大提升 / 低切滤波	+/-15dB/OCT
High cut filter	高频切除滤波器	4KHz-20KHz, 18dB/OCT
Lower cut filter	低频切除滤波器	20 Hz-300 Hz, 18dB/OCT
Threshold level	反馈显示灵敏度	-20-20dBu
SNR	信噪比	>90dB
Crosstalk	串音	<-110dB

EQ-均衡器(Graphic Equalizer)



MODEL	型号	EQ-131	EQ-231	EQ-215
Structure	结构	signal 31 bands	double 31 bands	double 15 bands
Frequency response	频率响应	20Hz-20kHz, +0/-0.5dB		
Constant-Q Gain	恒定Q值增益衰减	+/-12dB		
Low-Frequency cutfilter	低频切除滤波器	12dB/oct@50, Swith on/off		
Work level	工作电平	-10dBu - +4dBu		
Input impedance	输入阻抗	40KΩbal / 20KΩ (bal / unbal)		
Maximum output level	最大输出电平	+21dBu		
Maximum input level	输入电平控制	-12dB - +12dB		
Output impedance	输出阻抗	51Ω bal	102Ω unbal	
Input level display	输入电平	LED, -10dB, 0dB, +10dB and +17dB		
T.H.D	总谐波失真	<0.003% @ 1kHz		
SN/Ratio	信噪比	>90dB	>85dB	>85dB
Switch	电子开关	In/out and filter(FET)		
Power supply	电源	AC 220V/50Hz-60Hz, 18W		

DSP2124-效果器(Effect processor)



Input jack	输入插座	1/4"TRS and XLR jack
Input impedance	输入阻抗	20/10KΩ bal / unbal
Input range	输入范围	< +4dB
Output jack	输出插座	1/4"TRS and XLR jack
Output impedance	输出阻抗	102 Ω bal 51Ω unbal
Frequency response	频率响应	20Hz-20KHz+/-1.5dB
SNR	信噪比	>98dB
THD	总谐波失真	<0.01(@0dB, 1KHz)
processor	处理器	24-bit 48 K sampling
display	显示	2x16 LCD
power supply	电源	220V-240V 50/60Hz
power	功耗	<8W