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Delivering The True Sound Experience!



2021

www.fdbaudio.com



Company 公司介绍

FDB AUDIO MANUFACTURE CO .,LTD.

FDB Audio Manufacture Co., Ltd. is a professional audio company integrating R&D, production, sales and engineering services. FDB Audio builds a high-quality and stable professional team, adopts the latest auxiliary design softwares and advanced technologies in the world, owns advanced production equipments and testing instruments, and has established cooperative development mechanism with a number of world-class professional materials and accessories manufacturers, and the key parts are imported from abroad.

The main products are professional speaker units, professional speaker systems and matching electronic products. FDB Audio has established and strictly implemented the ISO 9001-2015 standard quality management system. "Clear basis, perfect procedure, strict implementation, cherish environment, care for health, customer satisfaction" is our policy.

Company aim: "Pursue better, share together", aims to research and develop, manufacture better products, provide better service, obtain reasonable profits, and share with customers, staffs, suppliers and finally serve the society. "Earnest, fast, keep promise" is our service principle. "Customers are the source of our survival and growth" is our customer view, we are willing to rely on strong electro-acoustics research technologies and tireless pursuit, to provide customers with stable and reliable quality, leading technical content and continuous improvement of professional audio products and service.

东莞市爱高音响有限公司是集研发、生产、销售及工程服务为一体的专业音响公司。建设有一只高素质、稳定的专业团队，采用当今世界最新的辅助设计软件及先进技术，拥有先进的生产设备和检测仪器，与多家世界级专业材料和配件厂商建立合作开发机制，关键零部件从国外进口。

主要产品有专业扬声器单元，专业音箱及配套的电子产品。公司建立并严格执行ISO9001-2015标准的质量管理体系，“依据明确，流程健全，严格执行，呵护环境，注重健康，顾客满意”是我们的方针。

企业宗旨：“追求更好，共同分享”，旨在研发，制造更好的产品，提供更优质的服务，获得合理的利润，与顾客、员工、供应商共同分享，最终服务社会。“认真、快、坚守承诺”是我们的服务原则。“顾客是我们生存和成长之源”是我们的客户观，我们愿凭借着雄厚的电声学研究技术和孜孜不倦的追求，为顾客提供质量稳定可靠、技术含量领先并持续提高的专业音响产品与服务。



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公司价值准则

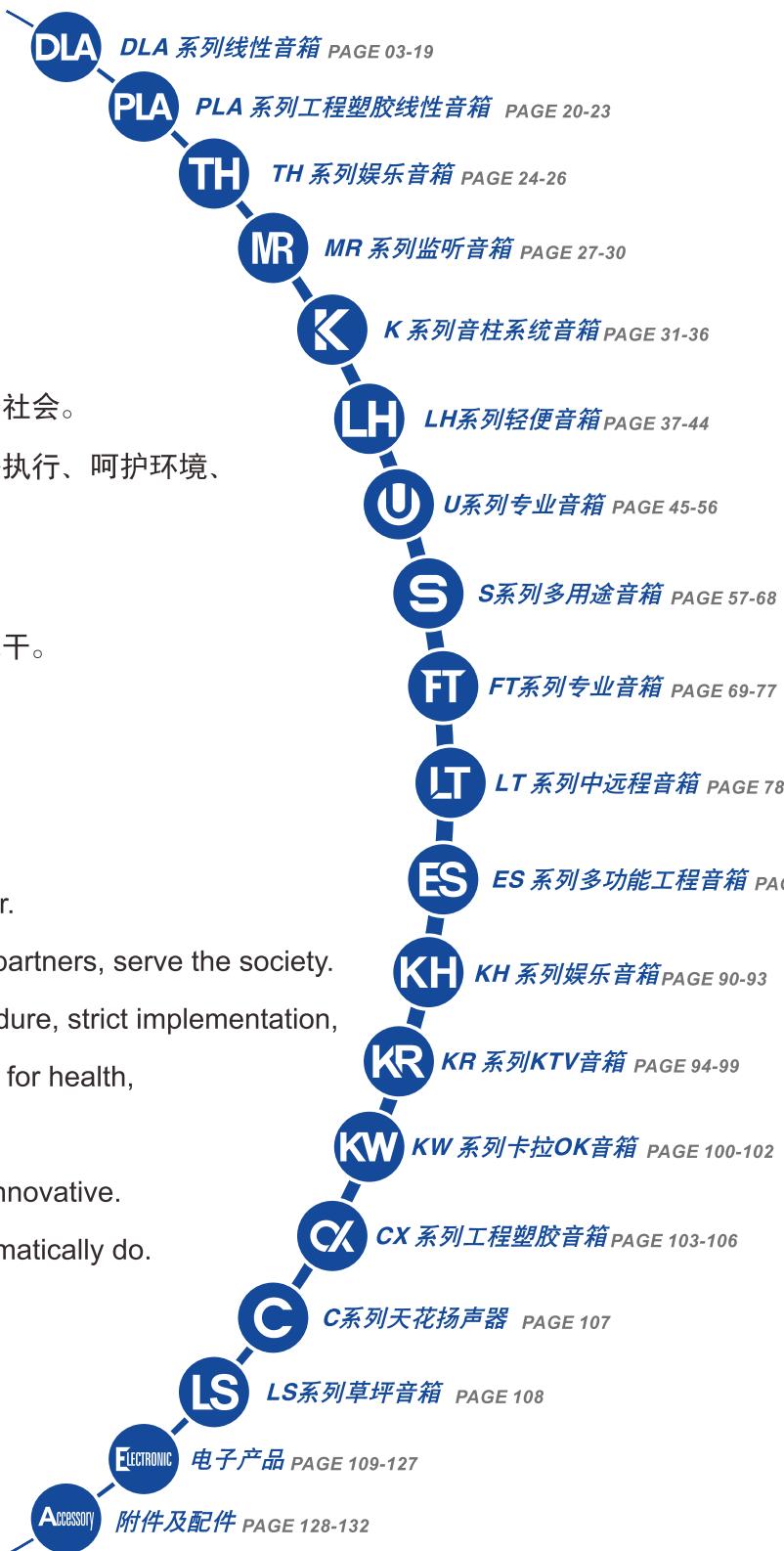
宗 旨: 追求更好、共同分享。

使 命: 关爱员工、成就伙伴、服务社会。

方 针: 依据明确、流程健全、严格执行、呵护环境、
注重健康、顾客满意。

精 神: 团结勤奋、务实创新。

作 风: 壮志凌云地想、脚踏实地地干。



Company Values

Aim: Pursue better, share together.

Mission: Care for staffs, achieve partners, serve the society.

Policy: Clear basis, perfect procedure, strict implementation,
cherish environment, care for health,
customer satisfaction.

Spirit: United, diligent, practical, innovative.

Style: Ambitiously conceive, pragmatically do.



pro audio

DLA series

LINE ARRAY SYSTEM



DLA series DLA206

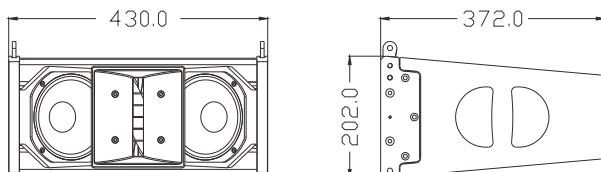
Line Array System



DLA206 is a small sized line array speaker with accurate coverage angle, light weight and high SPL. It uses low distortion mid-bass unit, high quality HF driver with special waveguide and horn, accurate and uniform coverage over the effective frequency range. The whole hanging system adopts aluminum alloy material, humanized design makes the system fast installation and ensures safety, and can be used in combination with multiple speakers. Unit configuration: 2x6" high efficiency mid-bass units, 1x1" exit throat 44mm voice coil HF drivers. The wood box adopts multilayer composite plywood, wear-resistant and waterproof polyurea paint.

DLA206是一款小型、覆盖角度精准的线性阵列音箱，具有较小的体积和较轻的重量，较大声压级，应用低失真中低音单元，高品质驱动器配上专用波导管加号角，在有效频率范围内，覆盖精确和均匀，吊挂系统采用全部采用铝合金材质，人性化设计使整个系统安装快捷并保证安全。单元配置：2只6"高效率中低音单元，1只1"喉口44芯高音驱动器；箱体采用多层复合夹板，耐磨聚脲喷涂。

CONFIGURATION



MODEL
FREQUENCY RESPONSE(-3dB)
FREQUENCY RESPONSE(-10dB)
DRIVERS

RATED POWER
SENSITIVITY
MAXIMUM SPL
IMPEDANCE
DISPERSION(-6dB)

CROSSOVER FREQUENCIES
INPUT CONNECTORS
PACKAGE SIZE
NET WEIGHT
GROSS WEIGHT

FEATURES

- High quality plywood with wear-resistant and waterproof polyurea paint
- High quality neodymium components
- Special line array horn
- Small cabinet, light weight, high SPL
- Convenient for supporting, hanging and stacking
- Good used for moving performance, small scale theater and band

系统特征

- 高品质单元配置，专用波导管加号角：保证音质，投射精准
- 多种组合使用方式：可吊挂、堆码、支撑，安装快捷

适用范围

- 多功能厅、高级会所、会议室、报告厅
- 中小型流动演出

DLA206
90Hz-18kHz
85Hz-20kHz
2×6"(150mm)/1.5"voice coil LF
1×1"(25mm)/1.7"voice coil HF
160W RMS,640W peak
96dB 1watt/1meter
118dB continuous,124 dB peak
16 ohms nominal
Horizontal coverage: 100°
Vertical coverage: Varies, depending on array length and configuration
1.1kHz passive
2× Speakon NL4
462mm×292mm×530mm
9 kg/pc
11 kg/pc



pro audio



DLA115B DLAseries DLA115BAS

Line Array System

DLA115B is a single 15" subwoofer. It uses 1x15" 100mm voice coil woofer, bass-reflex design, hanging system adopts aluminum alloy material, can be hung, supported and stacked with DLA206. The wood box adopts multilayer composite plywood, wear-resistant and waterproof polyurea paint. DLA115BAS is equipped with SA2.68 digital amplifier module based on DLA115B to be an active system with DLA206.

DLA115B 是一款单15"线性超低音箱，采用1只15" 100芯低音单元，直射倒相式箱体结构设计，吊挂系统采用铝合金材质，与DLA206配合，可吊挂、支撑、堆码，用以提升系统低频表现，箱体采用多层复合夹板，耐磨聚脲喷涂。DLA115BAS是在DLA115B的基础上配置SA2.68D类功放与DLA206组成有源扩声系统。



FEATURES

- High quality plywood with wear-resistant and waterproof polyurea paint
- Bass-reflex design
- High temperature resistant 4"(100mm) voice coil
- Support pole mounting
- Used for sub-bass reinforcement

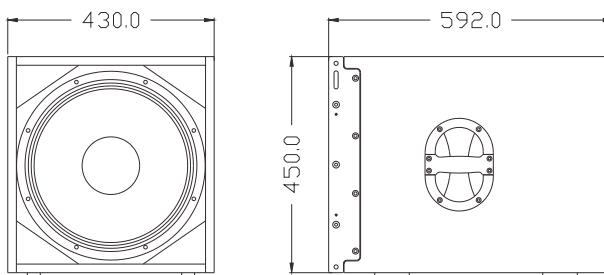
系统特征

- 高品质单元配置，直射倒相式箱体结构设计，保证音质自然有力度
- 多种组合使用方式：可吊挂、堆码、支撑，安装快捷

适用范围

- 多功能厅、高级会所、会议室、报告厅
- 中小型流动演出

CONFIGURATION



MODEL

FREQUENCY RESPONSE(-3dB)

DRIVERS

RATED POWER

SENSITIVITY

MAXIMUM SPL

IMPEDANCE

INPUT CONNECTORS

PACKAGE SIZE

NET WEIGHT

GROSS WEIGHT

DLA115B

40Hz-300Hz

1×15"(385mm)/4"voice coil LF

600W RMS,2400W peak

99dB 1watt/1 metre

127dB continuous,133 dB peak

8 ohms nominal

2×Speakon NL4

682mm×520mm×550mm

34 kg/pc

38 kg/pc

DLA115BAS

40Hz-300Hz and 50Hz-20kHz

1×15"(385mm)/4"voice coil LF

900W/4Ω+1200W/4Ω

127dB continuous,133 dB peak

INPUT TYPE: Balanced Differential line

682mm×520mm×550mm

36 kg/pc

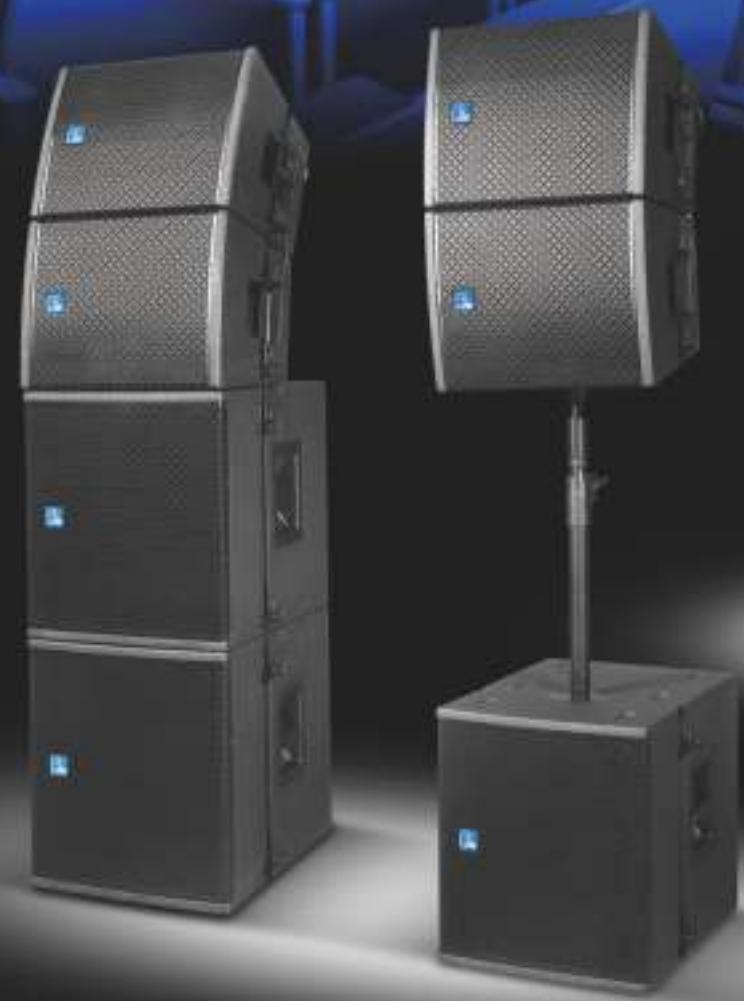
40 kg/pc

DLA series

LINE ARRAY SYSTEM



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DLA series DLA406

Line Array System

FEATURES

- High quality plywood with wear-resistant and waterproof polyurea paint
- High quality neodymium components
- Special line array horn
- Small cabinet, light weight, high SPL
- Convenient for supporting, hanging and stacking
- Good used for conference rooms, multi-purpose halls, high-end hotels and moving performance

系统特征

- 高品质单元配置，专用波导管加号角：保证音质，投射精准
- 多种组合使用方式：可吊挂、堆码、支撑，安装快捷

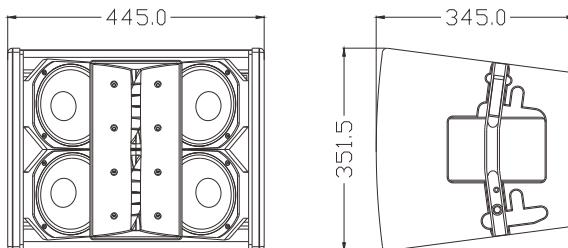
适用范围

- 多功能厅、高级会所、会议室、报告厅
- 中小型流动演出

DLA406 is a small and medium sized line array speaker with high integration degree and accurate coverage angle, small size, light weight and high SPL. It uses low distortion mid-bass unit, high quality HF driver with special waveguide and horn, accurate and uniform coverage over the effective frequency range. The hanging system is simple and easy to assemble, and can be used in combination with multiple speakers. Unit configuration: 4 x 6" high efficiency mid-bass units, 2x1" exit throat 44mm voice coil HF drivers; The wood box adopts multilayer composite plywood, wear-resistant and waterproof polyurea paint.

DLA406是一款中小型集成度高，覆盖角度精准的线性阵列音箱，具有较小的体积和较轻的重量，较大声压级，应用低失真中低音单元，高品质驱动器配上专用波导管加号角，在有效频率范围内，覆盖精确和均匀，吊挂系统简单易装配，可多只组合使用。单元配置：4只6"中低音单元，2只1"喉口44芯高音驱动器；箱体采用多层复合夹板，耐磨聚脲喷涂。

CONFIGURATION



MODEL

FREQUENCY RESPONSE(-3dB)

FREQUENCY RESPONSE(-10dB)

DRIVERS

RATED POWER

SENSITIVITY

MAXIMUM SPL

IMPEDANCE

DISPERSION(-6dB)

CROSSOVER FREQUENCIES

INPUT CONNECTORS

PACKAGE SIZE

NET WEIGHT

GROSS WEIGHT

DLA406

80Hz-18kHz

75Hz-20kHz

4×6"(150mm)/1.5"voice coil LF

2×1"(25mm)/1.7"voice coil HF

320W RMS,1280W peak

99dB 1watt/1 metre

124 dB continuous,130 dB peak

8 ohms nominal

Horizontal coverage: 100°

Vertical coverage: Varies, depending on array length and configuration

1.1kHz passive

2× Speakon NL4

442mm×435mm×545mm

14 kg/pc

17 kg/pc



DLA115W

DLA series DLA115WAS

Line Array System

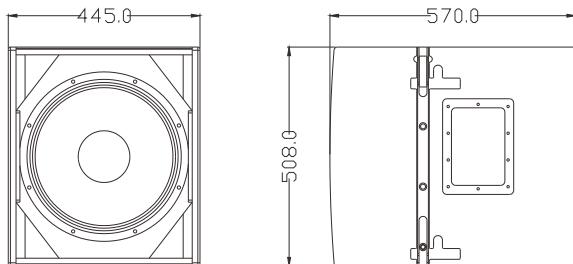


DLA115W is a single 15" subwoofer. It uses 1x15" 100mm voice coil woofer, bass-reflex design, hanging system adopts aluminum alloy material, can be hung, supported and stacked with DLA406. The wood box adopts multilayer composite plywood, wear-resistant and waterproof polyurea paint. DLA115WAS is equipped with SA2.68 digital amplifier module based on DLA115W to be an active system with DLA406.

DLA115W是一款单15"线性超低音箱，采用1只15" 100芯低音单元，直射倒相式箱体结构设计，吊挂系统采用铝合金材质，与DLA406配合，可吊挂、支撑、堆码，用以提升系统低频表现，箱体采用多层复合夹板，耐磨聚脲喷涂。DLA115WAS是在DLA115W的基础上配置SA2.68D类功放与DLA406组成有源扩声系统。



CONFIGURATION



MODEL	DLA115W
FREQUENCY RESPONSE(-3dB)	40Hz-300Hz
DRIVERS	1×15"(385mm)/4"voice coil LF
RATED POWER	600W RMS,2400W peak
SENSITIVITY	99dB 1watt/1 metre
MAXIMUM SPL	127dB continuous,133 dB peak
IMPEDANCE	8 ohms nominal
INPUT CONNECTORS	2× Speakon NL4
PACKAGE SIZE	650mm×535mm×608mm
NET WEIGHT	35 kg/pc
GROSS WEIGHT	39 kg/pc

MODEL	DLA115WAS
FREQUENCY RESPONSE(-3dB)	40Hz-300Hz and 50Hz-20kHz
DRIVERS	1×15"(385mm)/4"voice coil LF
RATED POWER	900W/4Ω+1200W/4Ω
SENSITIVITY	—
MAXIMUM SPL	127dB continuous,133 dB peak
IMPEDANCE	—
INPUT CONNECTORS	INPUT TYPE: Balanced Differential line
PACKAGE SIZE	650mm×535mm×608mm
NET WEIGHT	37 kg/pc
GROSS WEIGHT	41 kg/pc

FEATURES

- High quality plywood with wear-resistant and waterproof polyurea paint
- Bass-reflex design
- High temperature resistant 4"(100mm) voice coil
- Support pole mounting
- Used for sub-bass reinforcement

系统特征

- 高品质单元配置，直射倒相式箱体结构设计，保证音质自然有力度
- 多种组合使用方式：可吊挂、堆码、支撑，安装快捷

适用范围

- 多功能厅、高级会所、会议室、报告厅
- 流动演出



DLA series

LINE ARRAY SYSTEM

pro audio



DLA series DLA208

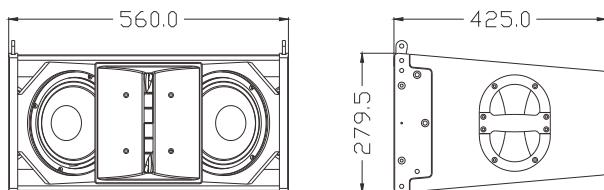
Line Array System



DLA208 is a medium sized line array speaker with accurate coverage angle, light weight and high SPL. It uses low distortion mid-bass unit, high quality HF driver with special waveguide and horn, accurate and uniform coverage over the effective frequency range. The whole hanging system adopts aluminum alloy material, humanized design makes the system fast installation and ensures safety, and can be used in combination with multiple speakers. Unit configuration: 2x8" high efficiency mid-bass units, 1x1.4" exit throat 75mm voice coil HF drivers. The wood box adopts multilayer composite plywood, wear-resistant and waterproof polyurea paint.

DLA208是一款中型、覆盖角度精准的线性阵列音箱，它具有比较小的体积和较轻重量，较大的声压级，应用低失真中低音单元，高品质驱动器配上专用波导管加号角，在有效频率范围内，覆盖精确和均匀，吊挂系统采用全部采用铝合金材质，人性化设计整个系统安装快捷并保证安全。单元配置：2只8"高效率中低音单元，1只1.4"喉口75芯高音驱动器；箱体采用多层复合夹板，耐磨聚脲喷涂。

CONFIGURATION



MODEL
FREQUENCY RESPONSE(-3dB)
FREQUENCY RESPONSE(-10dB)
DRIVERS

RATED POWER
SENSITIVITY
MAXIMUM SPL
IMPEDANCE
DISPERSION(-6dB)

CROSSOVER FREQUENCIES
INPUT CONNECTORS
PACKAGE SIZE
NET WEIGHT
GROSS WEIGHT

FEATURES

- High quality plywood with wear-resistant and waterproof polyurea paint
- High quality neodymium components
- Special line array horn
- Small cabinet, light weight, high SPL
- Convenient for supporting, hanging and stacking
- Good used for moving performance, small scale theater, stadiums and odeums.

系统特征

- 高品质单元配置，专用波导管加号角：保证音质，投射精准
- 多种组合使用方式：可吊挂、堆码、安装快捷

适用范围

- 多功能厅、高级会所、会议室、报告厅
- 流动演出、体育场馆扩声

DLA208
80Hz-18kHz
75Hz-20kHz
2×8"(200mm)/2"voice coil LF
1×1.4"(36mm)/3"voice coil HF
300W RMS,1200W peak
98dB 1watt/1 metre
123dB continuous,129 dB peak
8 ohms nominal
Horizontal coverage: 90°
Vertical coverage: Varies, depending on array length and configuration
900Hz passive
2× Speakon NL4
515mm×370mm×660mm
20 kg/pc
23 kg/pc



DLAseries DLA112

Line Array System

FEATURES

- High quality plywood with wear-resistant and waterproof polyurea paint
- High quality neodymium components
- Special line array horn
- Small cabinet, light weight, high SPL
- Convenient for supporting, hanging and stacking
- Good used for moving performance, small scale theater, stadiums and odeums.

系统特征

- 高品质单元配置，专用线性号角：保证音质，投射精准
- 多种组合使用方式：可吊挂、堆码、支撑，安装快捷

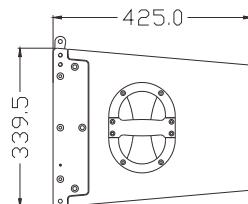
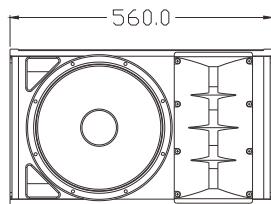
适用范围

- 多功能厅、高级会所、会议室、报告厅
- 流动演出、体育场馆扩声

DLA112 is a medium sized line array speaker with accurate coverage angle, light weight and high SPL. It uses low distortion mid-bass unit, high quality HF driver with special waveguide and horn, accurate and uniform coverage over the effective frequency range. The whole hanging system adopts aluminum alloy material, humanized design makes the system fast installation and ensures safety, and can be used in combination with multiple speakers. Unit configuration: 1x12" high efficiency mid-bass units, 2x1" exit throat 44mm voice coil HF drivers. The wood box adopts multilayer composite plywood, wear-resistant and waterproof polyurea paint.

DLA112 是一款中型、覆盖角度精准的线性阵列音箱，它具有比较小的体积和较轻重量，较大的声压级，应用低失真中低音单元，高品质驱动器配上专用线性号角，在有效频率范围内，覆盖精确和均匀，吊挂系统采用铝合金材质，安装快捷并保证安全。1只12"高效率中低音单元，2只1"喉口44芯高音驱动器；箱体采用多层复合夹板，耐磨聚脲喷涂。

CONFIGURATION



MODEL

FREQUENCY RESPONSE(-3dB)

FREQUENCY RESPONSE(-10dB)

DRIVERS

RATED POWER

SENSITIVITY

MAXIMUM SPL

IMPEDANCE

DISPERSION(-6dB)

CROSSOVER FREQUENCIES

INPUT CONNECTORS

PACKAGE SIZE

NET WEIGHT

GROSS WEIGHT

DLA112

60Hz-18KHz

55Hz-20kHz

1×12"(300mm)/3"voice coil LF

2×1"(25mm)/1.7"voice coil HF

400W RMS,1600W peak

98dB 1watt/1meter

122dB continuous,128dB peak

8 ohms nominal

Horizontal coverage: 90°

Vertical coverage: Varies, depending on array length and configuration

1.3kHz passive

2×Speakon NL4

515mm×430mm×660mm

19 kg/pc

22 kg/pc



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DLA118B DLA series DLA118BAS

Line Array System

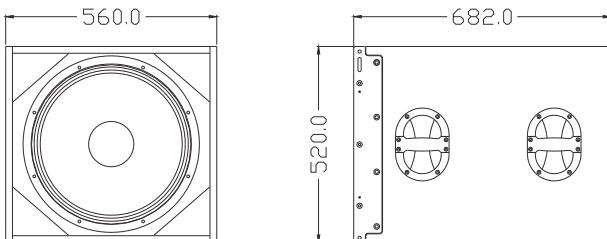


DLA118B is a single 18" subwoofer. It uses 1x18" 100mm voice coil woofer,bass-reflex design,hanging system adopts aluminum alloy material, can be hung, supported,stacked with DLA208 and DLA112. The wood box adopts multilayer composite plywood, wear-resistant and waterproof polyurea paint. DLA118BAS is equipped with SA2.68 digital amplifier module based on DLA118B to be an active system with DLA208 and DLA112.

DLA118B是一款单18"线性超低音箱。采用1只18" 100芯低音单元，直射倒相式箱体结构设计，吊挂系统采用铝合金材质，可以与DLA208、DLA112配合，可吊挂、支撑、可堆码，用以提升系统低频表现，箱体采用多层复合夹板，耐磨聚脲喷涂。DLA118BAS是在DLA118B的基础上配置SA2.68D类功放与DLA208、DLA112组成有源扩声系统。



CONFIGURATION



MODEL	DLA118B
FREQUENCY RESPONSE(-3dB)	35Hz-300Hz
DRIVERS	1×18"(460mm)/4"voice coil LF
RATED POWER	600W RMS,2400W peak
SENSITIVITY	99dB 1watt/1 metre
MAXIMUM SPL	127dB continuous,133 dB peak
IMPEDANCE	8 ohms nominal
INPUT CONNECTORS	2× Speakon NL4
PACKAGE SIZE	772mm×740mm×620mm
NET WEIGHT	44 kg/pc
GROSS WEIGHT	49 kg/pc

MODEL	DLA118B
FREQUENCY RESPONSE(-3dB)	35Hz-300Hz and 50Hz-20kHz
DRIVERS	1×18"(460mm)/4"voice coil LF
RATED POWER	900W/4Ω+1200W/4Ω
SENSITIVITY	—
MAXIMUM SPL	127dB continuous,135 dB peak
IMPEDANCE	—
INPUT CONNECTORS	INPUT TYPE: Balanced Differential line
PACKAGE SIZE	772mm×740mm×620mm
NET WEIGHT	46 kg/pc
GROSS WEIGHT	51 kg/pc

FEATURES

- High quality plywood with wear-resistant and waterproof polyurea paint
- Bass-reflex design
- High temperature resistant 4"(100mm) voice coil
- Support pole mounting
- Used for sub-bass reinforcement

系统特征

- 高品质单元配置，直射倒相式箱体结构设计，保证音质自然有力度
- 多种组合使用方式：可吊挂、堆码、支撑，安装快捷

适用范围

- 多功能厅、高级会所、会议室、报告厅
- 流动演出、体育场馆扩声



pro audio

LINE ARRAY SYSTEM





pro audio

DLA410 DLA series DLA410A

Line Array System

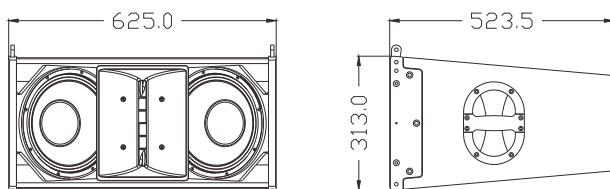


DLA410 is a medium and big sized line array speaker with accurate coverage angle, light weight and high SPL. It uses low distortion mid-bass unit, high quality MF and HF coaxial unit with special waveguide and horn, accurate and uniform coverage over the effective frequency range. The whole hanging system adopts aluminum alloy material, humanized design makes the system fast installation and ensures safety, and can be used in combination with multiple speakers. Unit configuration: 2x10" high efficiency mid-bass units, 1x1.4" exit throat coaxial MF and HF unit, 90mm voice coil MF driver and 44mm voice coil HF driver, it's 3-way speaker; The wood box adopts multilayer composite plywood, wear-resistant and waterproof polyurea paint. DLA410A is equipped with FA2.38 digital amplifier module based on DLA410 to be an active loudspeaker.

DLA410是一款中型、覆盖角度精准的线性阵列音箱，它体积小、重量轻，较大的声压级，应用低失真中低音单元，中高音同轴驱动器配上专用波导管加号角，在有效频率范围内，覆盖精确和均匀，吊挂系统采用铝合金材质，安装快捷并保证安全。单元配置：2只10"高效率中低音单元，1只1.4"喉口90芯中音、44芯高音同轴驱动器，真正的三分频音箱；箱体采用多层复合夹板，耐磨聚脲喷涂。DLA410A是在DLA410的基础上配置FA2.38 D类功放成为有源音箱。



CONFIGURATION



FEATURES

- High quality plywood with wear-resistant and waterproof polyurea paint
- Neodymium coaxial MF & HF unit and neodymium woofer
- 3-way design
- Special line array horn
- Small cabinet, light weight, high SPL
- Convenient for hanging and stacking
- Good used for stadiums, big scale performance, conference centers and odeums.

系统特征

- 高品质单元配置，专用波导管加号角，保证音质，投射精准
- 中高音同轴驱动器：真正的三分频
- 多种组合使用方式：可吊挂、堆码，安装快捷

适用范围

- 多功能厅、高级会所、会议室、报告厅
- 流动演出、体育场馆扩声

MODEL
FREQUENCY RESPONSE(-3dB)
FREQUENCY RESPONSE(-10dB)
DRIVERS

RATED POWER
SENSITIVITY
MAXIMUM SPL
IMPEDANCE
DISPERSION(-6dB)

CROSSOVER FREQUENCIES
INPUT CONNECTORS
PACKAGE SIZE
NET WEIGHT
GROSS WEIGHT

DLA410
60Hz-18kHz
55Hz-20kHz
2×10"(250mm)/3"voice coil LF
1×1.4"(36mm)/3.5"voice coil MF
1×1.4"(36mm)/1.7"voice coil HF
500W RMS,2000W peak
101dB 1watt/1meter
127dB continuous,133dB peak
8 ohms nominal
Horizontal: 90°
Vertical coverage: Varies,depending on array length and configuration
700Hz, 6KHz passive

2×Speakon NL4
614mm×403mm×725mm
26 kg/pc
30 kg/pc

DLA410A
60Hz-18kHz
55Hz-20kHz
2×10"(250mm)/3"voice coil LF
1×1.4"(36mm)/3.5"voice coil MF
1×1.4"(36mm)/1.7"voice coil HF
300W/8Ω+800W/8Ω
—
127dB continuous,135 dB peak
—
Horizontal: 90°
Vertical coverage: Varies,depending on array length and configuration
—
INPUT TYPE: Balanced Differential line
614mm×403mm×725mm
28 kg/pc
30 kg/pc



pro audio



DLA121B DLAseries DLA121BA

Line Array System

FEATURES

- High quality plywood with wear-resistant and waterproof polyurea paint
- Bass-reflex design
- High temperature resistant 4.5"(115mm) voice coil
- Support pole mounting
- Used for sub-bass reinforcement

DLA121B is a single 21" subwoofer. It uses 1x21" 115mm voice coil woofer,bass-reflex design,hanging system adopts aluminium alloy material, can be hung and stacked with DLA410 to improve the low frequency performance. The wood box adopts multilayer composite plywood, wear-resistant and waterproof polyurea paint. DLA121BA is equipped with BA1.13 digital amplifier module based on DLA121B to be an active subwoofer.

DLA121B是一款单21"线性超低音箱。采用1只21" 115芯低音单元，直射倒相式箱体结构设计，吊挂系统采用铝合金材质，与DLA410配合，可吊挂、可堆码，用以提升系统低频表现，箱体采用多层复合夹板，耐磨聚脲喷涂。DLA121BA是在DLA121B的基础上配置BA1.13D类功放成为有源音箱，与DLA410A配合使用。



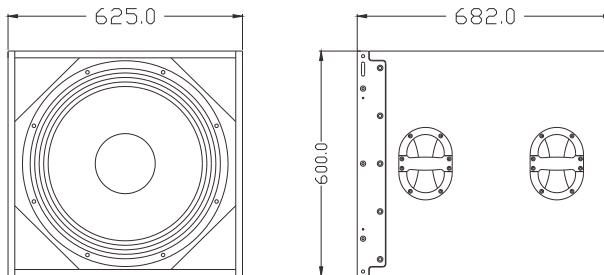
产品特征

- 高品质单元配置，直射倒相式箱体结构设计，保证音质自然有弹性
- 多种组合使用方式：可吊挂、堆码，安装快捷

适用范围

- 多功能厅、高级会所、会议室、报告厅
- 流动演出、体育场馆扩声

CONFIGURATION



MODEL

FREQUENCY RESPONSE(-3dB)

DRIVERS

RATED POWER

SENSITIVITY

MAXIMUM SPL

IMPEDANCE

INPUT CONNECTORS

PACKAGE SIZE

NET WEIGHT

GROSS WEIGHT

DLA121B

40Hz-300Hz

1×21"(530mm)/4.5"voice coil LF

800W RMS,3200W peak

100dB 1watt/1meter

129dB continuous,135dB peak

4 ohms nominal

2×Speakon NL4

772mm×715mm×700mm

55 kg/pc

61 kg/pc

DLA121BA

40Hz-300Hz

1×21"(530mm)/4.5"voice coil LF

1800W/4Ω

--

129dB continuous,135dB peak

--

INPUT TYPE:Balanced Differential line

772mm×715mm×700mm

58 kg/pc

64 kg/pc

DLA series

LINE ARRAY SYSTEM



pro audio





pro audio



DLAseries DLA612

Line Array System

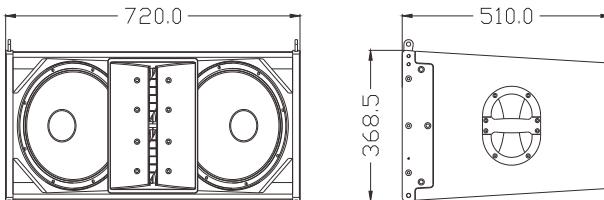
FEATURES

- High quality plywood with wear-resistant and waterproof polyurea paint
- Neodymium components
- 3-way design
- Special line array horn
- Convenient for hanging and stacking
- Good used for stadiums, big scale performance, conference centers and odeums.

DLA612 is a big sized, long-throw line array speaker with exquisite structure design, it has great dynamic capacity. It uses low distortion mid-bass unit, high quality MF and HF coaxial unit with special waveguide and horn, accurate and uniform coverage over the effective frequency range. The whole hanging system adopts aluminum alloy material, humanized design makes the system fast installation and ensures safety, and can be used in combination with multiple speakers. Unit configuration: 2x12" high efficiency mid-bass units, 2x1.4" exit throat coaxial MF and HF units, 90mm voice coil MF driver and 44mm voice coil HF driver, it's 3-way speaker. The wood box adopts multilayer composite plywood, wear-resistant and waterproof polyurea paint.

DLA612 是一款大型、远射程的线性音箱，结构设计精巧，它具有极大的动态容量，吊挂系统采用铝合金材质，安装快捷并保证安全，应用低失真中低音单元，中高音同轴驱动器配上专用波导管加号角，在有效频率范围内，覆盖精确和均匀，单元配置：2只12"高效率中低音单元，2只1.4"喉口90芯中音、44芯高音同轴驱动器，真正的三分频音箱，箱体采用多层复合夹板，耐磨聚脲喷涂。

CONFIGURATION



产品特征

- 高品质单元配置，专用波导管加号角，保证音质，投射精准
- 中高音同轴驱动器：真正的三分频
- 多种组合使用方式：可吊挂、堆码，安装快捷保证

适用范围

- 多功能厅、高级会所、会议室、报告厅
- 流动演出、体育场馆扩声

MODEL
DLA612
FREQUENCY RESPONSE(-3dB)
55Hz-18kHz
FREQUENCY RESPONSE(-10dB)
50Hz-20kHz
DRIVERS

RATED POWER
800W RMS,3200W peak
SENSITIVITY
101dB 1watt/1meter
MAXIMUM SPL
130dB continuous,136dB peak
IMPEDANCE
8 ohms nominal
DISPERSION(-6dB)
Horizontal: 90°

CROSSOVER FREQUENCIES
600Hz, 5.8kHz passive
INPUT CONNECTORS
2× Speakon NL4
PACKAGE SIZE
780mm×500mm×470mm
NET WEIGHT
33 kg/pc
GROSS WEIGHT
38 kg/pc

DLA612
55Hz-18kHz
50Hz-20kHz
2×12"(300mm)/3"voice coil LF
2×1.4"(36mm)/3.5"voice coil MF
2×1.4"(36mm)/1.7"voice coil HF
800W RMS,3200W peak
101dB 1watt/1meter
130dB continuous,136dB peak
8 ohms nominal
Horizontal: 90°
Vertical coverage: Varies, depending on array length and configuration
600Hz, 5.8kHz passive
2× Speakon NL4
780mm×500mm×470mm
33 kg/pc
38 kg/pc





pro audio

DLA series DLA218B

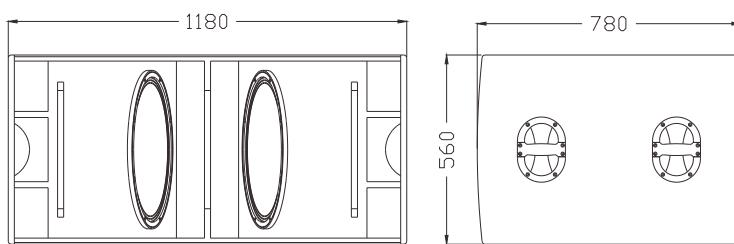
Line Array System



DLA218B is a dual 18" subwoofer. It uses 2x18" 100mm voice coil woofer,bass-reflex design,can be used with line array and point source full range speakers to improve the low frequency performance. The wood box adopts multilayer composite plywood, wear-resistant and waterproof polyurea paint.

DLA218B是一款双18"超低音箱。采用2只18" 100芯低音单元，综合式箱体结构设计，可与线性及点声源全频音箱配合使用，用以提升低频表现；箱体采用多层复合夹板，耐磨聚脲喷涂。

CONFIGURATION



MODEL
FREQUENCY RESPONSE(-3dB)
DRIVERS
RATED POWER
SENSITIVITY
MAXIMUM SPL
IMPEDANCE
INPUT CONNECTORS
PACKAGE SIZE
NET WEIGHT
GROSS WEIGHT

DLA218B
35Hz-150Hz
2×18"(460mm)/4"voice coil LF
1200W RMS,4800W peak
103dB 1watt/1meter
134dB continuous,140dB peak
4 ohms nominal
2×Speakon NL4
1280mm×880mm×670mm
80 kg/pc
92 kg/pc

FEATURES

- High quality plywood with wear-resistant and waterproof polyurea paint
- Bass-reflex design
- High temperature resistant 4"(100mm) voice coil
- Support pole mounting
- Used for sub-bass reinforcement

产品特征

- 高品质单元配置，带通号角式箱体结构设计，
力度强劲
- 满足多种场合使用：可与线性及点声源任意组合

适用范围

- 多功能厅、高级会所、会议室、报告厅
- 流动演出、体育场馆扩声



pro audio



DLA series DLA221B

Line Array System

FEATURES

- High quality plywood with wear-resistant and waterproof polyurea paint
- Bass-reflex design
- High temperature resistant 4.5"(115mm) voice coil
- Support pole mounting
- Used for sub-bass reinforcement

产品特征

- 高品质单元配置，直射倒相式箱体结构设计，保证音质自然有弹性
- 满足多种场合使用：可与线性及点声源任意组合

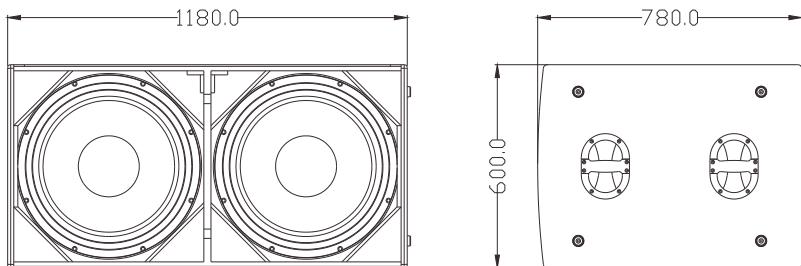
适用范围

- 多功能厅、高级会所、会议室、报告厅
- 流动演出、体育场馆扩声

DLA221B is a dual 21" subwoofer. It uses 2x21" 115mm voice coil woofer, bass-reflex design, can be used with line array and point source full range speakers to improve the low frequency performance. The wood box adopts multilayer composite plywood, wear-resistant and waterproof polyurea paint.

DLA221B是一款双21"超低音箱。采用2只21" 115芯低音单元，直射倒相式箱体结构设计，可与线性及点声源音箱全频配合使用，用以提升低频表现；箱体采用多层复合夹板，耐磨聚脲喷涂。

CONFIGURATION



MODEL

DLA221B

FREQUENCY RESPONSE(-3dB)

35Hz-300Hz

DRIVERS

2×21"(530mm)/4.5"voice coil LF

RATED POWER

800W+800W RMS, 3200W+3200W peak

SENSITIVITY

103dB 1watt/1meter

MAXIMUM SPL

135dB continuous,141dB peak

IMPEDANCE

4 ohms +4 ohms nominal

INPUT CONNECTORS

2× Speakon NL4

PACKAGE SIZE

1275mm×870mm×695mm

NET WEIGHT

104 kg/pc

GROSS WEIGHT

112 kg/pc

PLA series

LINE ARRAY SYSTEM

PLA系列工程塑胶线性音箱



pro audio





PLA405 PLA series PLA405A

Line Array System

FEATURES

- Highly weather-resistant IP66 rating
- Engineering plastic injection molding
- Neodymium components
- Convenient for supporting, hanging and stacking
- Good used for conference rooms, multi-purpose halls, high-end hotels, moving performance and outdoor fixed installation.

系统特征

- 工程塑胶模具成型箱体，多层防水、防尘复合面网、耐候性极强
- 高品质单元配置，专用线性号角：保证音质，投射精准
- 多种组合使用方式：可吊挂、堆码、支撑，安装快捷

适用范围

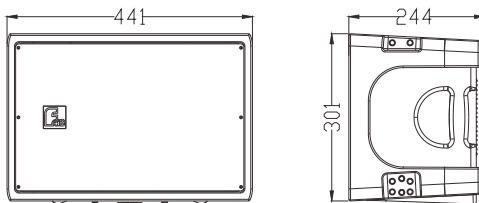
- 户外固定安装、小型流动演出
- 多功能厅、高级会所、会议室、报告厅

PLA405 is a compact, all-weather plastic line array speaker with accurate coverage angle. It uses low distortion mid-bass unit, high efficiency HF driver with special line array horn, accurate and uniform coverage over the effective frequency range. The hanging system is simple and easy to assemble, can be hung, supported, stacked and can be used in combination with multiple speakers. Unit configuration: 4 x 5" mid-bass units, 2x1" exit throat 44mm voice coil HF drivers. The cabinet is formed by engineering plastic mold. The system conforms to IP66 international standard. PLA405A is equipped with FA1.6 digital amplifier module based on PLA405 to be an active loudspeaker.

PLA405是一款紧凑、覆盖角度精准、全天候线性阵列音箱，应用低失真中低音单元，高效率驱动器配上专用线性号角，在有效频率范围内，覆盖精确和均匀，可吊挂、支撑、堆码，多只组合使用，安装方便快捷。单元配置：4只5"高效率中低音单元，2只1"喉口44芯驱动器加号角，箱体采用工程塑胶模具成型，产品符合IP66国际标准。PLA405A是在PLA405基础上配置FA1.6D类功放成为有源音箱。



CONFIGURATION



MODEL

PLA405

FREQUENCY RESPONSE(-3dB)

PLA405

90Hz-18kHz

85Hz-20kHz

PLA405A

90Hz-18kHz

85Hz-20kHz

DRIVERS

4×5"(130mm)/1.7"voice coil LF

4×5"(130mm)/1.7"voice coil LF

2×1"(25mm)/1.7"voice coil HF

2×1"(25mm)/1.7"voice coil HF

400W RMS,1600W peak

600W/8Ω

96dB 1watt/1 metre

—

122 dB continuous,128 dB peak

122 dB continuous,128 dB peak

8 ohms nominal

—

Horizontal coverage: 100°

Horizontal coverage: 100°

Vertical coverage: Varies, depending on array length and configuration

Vertical coverage: Varies, depending on array length and configuration

1.4kHz passive

—

2× Speakon NL4

INPUT TYPE:Balanced Differential line

391 mm×334mm×540mm

391 mm×334mm×540mm

13 kg/pc

15 kg/pc

15 kg/pc

17 kg/pc

PLA series PLA210

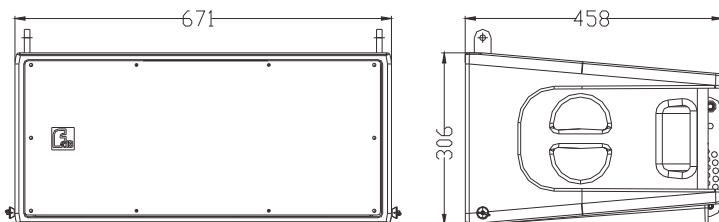
Line Array System



PLA210 is a medium sized, all-weather plastic line array speaker with accurate coverage angle. It uses low distortion mid-bass unit, high quality HF driver with special waveguide and horn, accurate and uniform coverage over the effective frequency range. The hanging system adopts stainless steel and aluminum alloy material, extremely strong weather resistance, is simple and easy to assemble, can be hung, stacked and can be used in combination with multiple speakers. Unit configuration: 2 x10" high efficiency mid-bass units, 1x1.4" exit throat 75mm voice coil HF driver. The cabinet is formed by engineering plastic mold. The system conforms to IP66 internaitonal standard.

PLA210是一款中型、覆盖角度精准、全天候线性阵列音箱，应用低失真中低音单元，高品质驱动器配上专用波导管加号角，在有效频率范围内，覆盖精确和均匀，吊挂系统采用不锈钢及铝合金材质，耐候性极强。单元配置：2只10"高效率中低音单元，1只1.4"喉口75芯驱动器；箱体采用工程塑胶模具成型，产品符合IP66国际标准。

CONFIGURATION



MODEL
FREQUENCY RESPONSE(-3dB)
FREQUENCY RESPONSE(-10dB)
DRIVERS

RATED POWER
SENSITIVITY
MAXIMUM SPL
IMPEDANCE
DISPERSION(-6dB)

CROSSOVER FREQUENCIES
INPUT CONNECTORS
PACKAGE SIZE
NET WEIGHT
GROSS WEIGHT

FEATURES

- Highly weather-resistant IP66 rating
- Engineering plastic injection molding
- Neodymium components
- Stainless steel and aluminum alloy hanging parts
- Convenient for hanging and stacking
- Good used for outdoor moving performance and fixed installations.

系统特征

- 工程塑胶模具成型箱体，多层次防水、防尘复合面网、耐候性极强
- 高品质单元配置，专用线性号角：保证音质，投射精准
- 多种组合使用方式：可吊挂、堆码、支撑，安装快捷

适用范围

- 户外固定安装、流动演出
- 多功能厅、高级会所、会议室、报告厅

PLA210
70Hz-18kHz
65Hz-20kHz
2×10"(250mm)/3"voice coil LF
1×1.4"(25mm)/3"voice coil HF
500W RMS,2000W peak
101dB 1watt/1meter
128dB continuous,134dB peak
8 ohms nominal
Horizontal coverage: 90°
Vertical coverage: Varies, depending on array length and configuration
700Hz passive
2×Speakon NL4
550mm×396mm×770mm
22 kg/pc
26 kg/pc



pro audio



PLA112 PLA series PLA112A

Line Array System

FEATURES

- Highly weather-resistant IP66 rating
- Engineering plastic injection molding
- Neodymium components
- Stainless steel and aluminum alloy hanging parts
- Convenient for supporting, hanging and stacking
- Good used for outdoor moving performance and fixed installations.

系统特征

- 工程塑胶模具成型箱体，多层防水、防尘复合面网、耐候性极强
- 高品质单元配置，专用线性号角：保证音质，投射精准
- 多种组合使用方式：可吊挂、堆码、支撑，安装快捷

适用范围

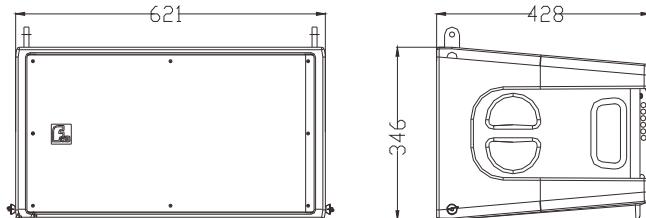
- 户外固定安装、流动演出
- 多功能厅、高级会所、会议室、报告厅

PLA112 is a medium sized, all-weather plastic line array speaker with accurate coverage angle. It uses low distortion mid-bass unit, high quality HF driver with special waveguide and horn, accurate and uniform coverage over the effective frequency range. The hanging system adopts stainless steel and aluminum alloy material, extremely strong weather resistance, is simple and easy to assemble, can be hung, stacked and can be used in combination with multiple speakers. Unit configuration: 1x12" high efficiency mid-bass unit, 1x1" exit throat 44mm voice coil HF driver. The cabinet is formed by engineering plastic mold. The system conforms to IP66 international standard. PLA112A is equipped with FA2.36 digital amplifier based on PLA112 to be an active speaker.

PLA112是一款中型、覆盖角度精准、全天候线性阵列音箱，应用低失真中低音单元，高品质驱动器配上专用波导管加号角，在有效频率范围内，覆盖精确和均匀，吊挂系统采用不锈钢及铝合金材质，耐候性极强，单元配置：1只12"高效率中低音单元，1只1"喉口44芯驱动器，箱体采用工程塑胶模具成型，产品符合IP66国际标准。PLA112A是在PLA112基础上配置FA2.36D类功放成为有源音箱。



CONFIGURATION



MODEL

PLA112

FREQUENCY RESPONSE(-3dB)

PLA112

60Hz-18KHz

55Hz-20kHz

DRIVERS

1×12"(300mm)/3"voice coil LF

1×1"(25mm)/1.7"voice coil HF

RATED POWER

400W RMS,1600W peak

SENSITIVITY

98dB 1watt/1 metre

MAXIMUM SPL

124dB continuous,130 dB peak

IMPEDANCE

8 ohms nominal

DISPERSION(-6dB)

Horizontal coverage: 100°

Vertical coverage: Varies, depending on array length and configuration

CROSSOVER FREQUENCIES

1.5kHz passive

INPUT CONNECTORS

2× Speakon NL4

PACKAGE SIZE

518mm×436mm×720mm

NET WEIGHT

20 kg/pc

GROSS WEIGHT

24 kg/pc

PLA112A

60Hz-18KHz

55Hz-20kHz

1×12"(300mm)/3"voice coil LF

1×1"(25mm)/1.7"voice coil HF

300W/8Ω+600W/8Ω

—

124dB continuous,130 dB peak

—

Horizontal coverage: 100°

Vertical coverage: Varies, depending on array length and configuration

—

INPUT TYPE: Balanced Differential line

518mm×436mm×720mm

22 kg/pc

26 kg/pc

TH series

娱乐系列音箱



pro audio





TH312 THseries TH312A

Two-way Loudspeaker System

TH312 is a dual 12", big power, high SPL, long-throw speaker. It uses 2x12" high efficiency neodymium mid-bass units, 1x1.4" exit throat 75mm voice coil neodymium HF driver, mid-bass and HF adopt horn-loaded design. The wood box adopts multilayer composite plywood, wear-resistant and waterproof polyurea paint. TH312A is equipped with FA2.38 digital amplifier module based on TH312 to be an active speaker.

TH312是一款双12寸大功率，高声压级中远程音箱。采用2只12寸强磁高效率中低音单元，1只1.4寸喉口75芯强磁复合振膜驱动器，中低音与高音全部采用号角负载设计，箱体采用多层复合夹板，耐磨聚脲喷涂。TH312A是在TH312的基础上配置FA2.38D类功放成为有源音箱。



FEATURES

- High quality plywood with wear-resistant and waterproof polyurea paint
- High quality neodymium HF driver
- Horn-loaded design
- Long-throw design
- Big power, high SPL
- Good used for moving performance, theatres and cinemas

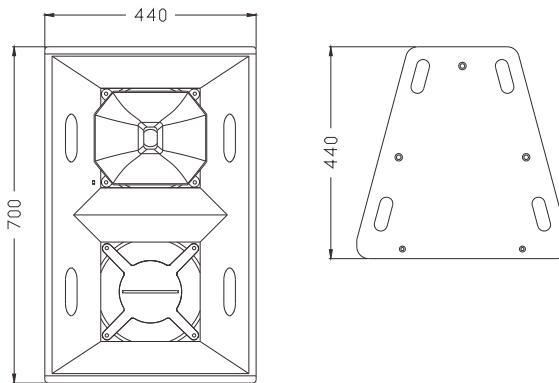
产品特征

- 高品质单元配置
- 紧凑型箱体设计，号角负载设计，高声压级输出
- 多种吊挂安装方式

适用范围

- 酒吧、餐吧、会所
- 多功能厅、会议室、报告厅

CONFIGURATION



MODEL

TH312

FREQUENCY RESPONSE(-3dB)

65Hz-18kHz

FREQUENCY RESPONSE(-10dB)

60Hz-20kHz

DRIVERS

2×12"(300mm)/3"voice coil LF

1×1.4"(36mm)/3"voice coil HF

600W RMS,2400W peak

103dB 1watt/1meter

131dB continuous,137dB peak

4 ohms nominal

60°×40°

1.3kHz passive

2×Speakon NL4

530mm×530mm×795mm

32 kg/pc

37 kg/pc

TH312A

65Hz-18kHz

60Hz-20kHz

2×12"(300mm)/3"voice coil LF

1×1.4"(36mm)/3"voice coil HF

300W/8Ω+1200W/4Ω

--

131dB continuous,137dB peak

--

60°×40°

--

INPUT TYPE: Balanced Differential line

530mm×530mm×795mm

35 kg/pc

40 kg/pc

THseries TH315

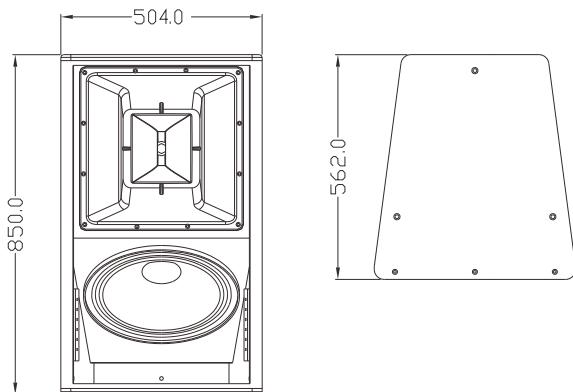
Three-way Loudspeaker System

TH315 is a single 15" , 3-way ,big power, high SPL, long-throw speaker. It uses 1x15" woofer, 1x10" mid unit, 1x1.4" exit throat 75mm voice coil HF driver, HF adopts coaxial horn design , LF adopts half horn loaded design. The wood box adopts multilayer composite plywood, wear-resistant and waterproof polyurea paint.

TH315是一款三分频15寸大功率，高声压级中远程音箱。中高音采用1只10寸中音与1只1.4寸喉口75芯驱动器同轴号角设计，低音采用号角负载设计，箱体采用多层复合夹板，耐磨聚脲喷涂。



CONFIGURATION



MODEL
FREQUENCY RESPONSE(-3dB)
FREQUENCY RESPONSE(-10dB)
DRIVERS

RATED POWER
SENSITIVITY
MAXIMUM SPL
IMPEDANCE
DISPERSION(-6dB)
CROSSOVER FREQUENCIES
INPUT CONNECTORS
PACKAGE SIZE
NET WEIGHT
GROSS WEIGHT

FEATURES

- High quality plywood with wear-resistant and waterproof polyurea paint
- High quality neodymium HF driver
- Horn-loaded design
- Long-throw design
- Big power, high SPL
- Good used for moving performance, theatres and cinemas

产品特征

- 高品质单元配置
- 紧凑型箱体设计，同轴中高音号角负载设计，高声压级输出
- 真正的三分频

适用范围

- 酒吧、餐吧、会所
- 多功能厅、会议室、报告厅

TH315
50Hz-18KHz
45Hz-20kHz
1×15"(385mm)/4"voice coil LF
1×10"(250mm)/2.5"voice coil MF
1×1.4"(36mm)/3"voice coil HF
600W RMS,2400W peak
101 dB 1watt/1 metre
129 dB continuous, 135dB peak
8 ohms nominal
80°×40°
290Hz, 1.3 kHz passive
2× Speakon NL4
652mm×610mm×965mm
43 kg/pc
48 kg/pc

FdB

pro audio

MR series

MR 系列监听音箱



MR108C

MRseries MR108CA

Two-way Loudspeaker System

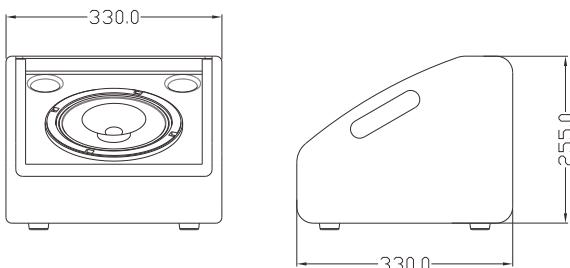


MR108C is a compact, small size, coaxial 2-way full range monitor speaker. It uses 1x8" high efficiency mid-bass unit and 1x1" exit throat 44mm voice coil HF driver with horn. The wood box adopts multilayer composite plywood, wear-resistant and waterproof polyurea paint. MR108CA is equipped with FA1.3 digital amplifier module based on MR108C to be an active speaker.

MR108C 是一款8寸同轴两分频全频监听音箱，采用1只8寸高效率中低音单元和1只1寸喉口44芯驱动器加号角组成同轴，结构紧凑，体积小，箱体采用多层复合夹板，耐磨聚脲喷涂。MR108CA是在MR108C的基础上配置FA1.3D类功放成为有源音箱。



CONFIGURATION



FEATURES

- High quality plywood with wear-resistant and waterproof polyurea paint
- Coaxial components
- Compact design
- Used for stage monitor

产品特征

- 高品质同轴结构设计
- 体积小、重量轻

适用范围

- 小型演出返送音箱
- 多功能厅、会议室、报告厅舞台返送音箱

MODEL	MR108C
FREQUENCY RESPONSE(-3dB)	90Hz-18KHz
FREQUENCY RESPONSE(-10dB)	85Hz-20KHz
DRIVERS	1×8"(200mm)/ 2"voice coil LF 1×1"(25mm) / 1.4"voice coil HF
RATED POWER	150W RMS,600W peak
SENSITIVITY	95dB 1watt/1 metre
MAXIMUM SPL	116dB continuous,122dB peak
IMPEDANCE	8 ohms nominal
DISPERSION(-6dB)	90° × 90°
CROSSOVER FREQUENCIES	2.2kHz passive
INPUT CONNECTORS	2× Speakon NL4
PACKAGE SIZE	420mm×345mm×425mm
NET WEIGHT	10 kg/pc
GROSS WEIGHT	12 kg/pc

MR108CA
90Hz-18KHz
85Hz-20KHz
1×8"(200mm)/ 2"voice coil LF 1×1"(25mm) / 1.4"voice coil HF
300W/8Ω
—
116dB continuous,122dB peak
—
90° × 90°
—
INPUT TYPE: Balanced Differential line 420mm×345mm×425mm
12 kg/pc
14 kg/pc



MR12CN MRseries MR12CNA

Two-way Loudspeaker System

FEATURES

- High quality plywood with wear-resistant and waterproof polyurea paint
- Neodymium HF driver and LF driver
- Patent 70° x 40° horn
- Used for stage monitor

The MR12CN is a high precision and high power stage monitor, made of high quality plywood with polyurea paint. It offers a " studio monitoring" type of response,exceptional dynamic capability and very low distortion. Fitted with one 12" neodymium woofer and one 1" exit neodymium compression driver coupled to a patent 70° x 40° horn. MR12CNA is equipped with FA1.6 digital amplifier module based on MR12CN to be an active monitor.

MR12CN 是一款12寸同轴两分音全音域舞台监听音箱，采用一只12寸高效率强磁中低音单元和一只1寸喉口44芯强磁驱动器，配置专门设计的70° × 40° 号角。箱体采用多层复合夹板，聚脲喷涂制作。MR12CNA是在MR12CN的基础上配置FA1.6功放组件成为有源音箱。

产品特征

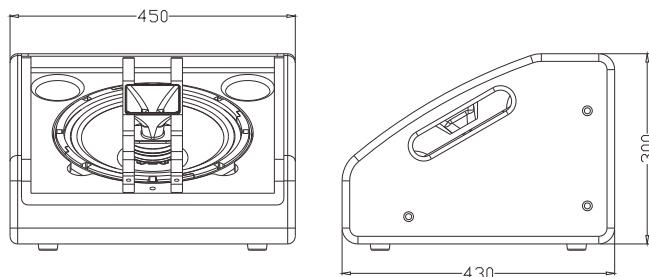
- 高质量单元配置，高强度夹板箱体

适用范围

- 多功能厅、高级酒店会所
- 流动商演、乐队扩声以及舞台返送音箱



CONFIGURATION



MODEL	MR12CN	MR12CNA
FREQUENCY RESPONSE(-3dB)	75Hz-18kHz	75Hz-18kHz
FREQUENCY RESPONSE(-10dB)	70Hz-20kHz	70Hz-20kHz
DRIVERS	1×12"(300mm)/3"voice coil LF 1×1"(25mm)/1.7"voice coil HF	1×12"(300mm)/3"voice coil LF 1×1"(25mm) / 1.7"voice coil HF
RATED POWER	300W RMS,1200W peak	600W/8Ω
SENSITIVITY	97dB 1watt/1 metre	--
MAXIMUM SPL	122dB continuous,128dB peak	122dB continuous,128dB peak
IMPEDANCE	8 ohms nominal	--
DISPERSION(-6dB)	70°×40°	70° × 40°
CROSSOVER FREQUENCIES	2.3kHz passive	--
INPUT CONNECTORS	2× Speakon NL4	INPUT TYPE: Balanced Differential line
PACKAGE SIZE	520mm×390mm×545mm	520mm×390mm×545mm
NET WEIGHT	18 kg/pc	20 kg/pc
GROSS WEIGHT	21 kg/pc	23 kg/pc

MRseries MR15CNA

Two-way Loudspeaker System

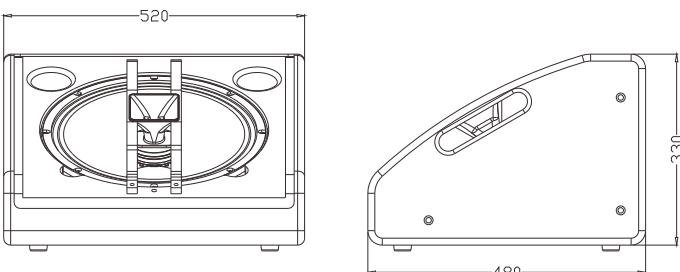


The MR15CN is a high precision and high power stage monitor, made of high quality plywood with polyurea paint. It offers a "studio monitoring" type of response, exceptional dynamic capability and very low distortion. Fitted with one 15" neodymium woofer and one 1" exit neodymium compression driver coupled to a patent 70° x 40° horn. MR15CNA is equipped with FA1.6 digital amplifier module based on MR15CN to be an active monitor.

MR15CN是一款15寸同轴两分音全音域舞台监听音箱，采用一只15寸高效率强磁中低音单元和一只1寸喉口44芯强磁驱动器，配置专门设计的70° × 40°号角。箱体采用多层复合夹板，聚脲喷涂制作。MR15CNA是在MR15CN的基础上配置FA1.6功放组件成为有源音箱。



CONFIGURATION



MODEL

FREQUENCY RESPONSE(-3dB)

FREQUENCY RESPONSE(-10dB)

DRIVERS

RATED POWER

SENSITIVITY

MAXIMUM SPL

IMPEDANCE

DISPERSION(-6dB)

CROSSOVER FREQUENCIES

INPUT CONNECTORS

PACKAGE SIZE

NET WEIGHT

GROSS WEIGHT

MR15CN

70Hz-18kHz

65Hz-20kHz

1×15"(385mm)/3"voice coil LF

1×1"(25mm)/1.7"voice coil HF

400W RMS,1600W peak

97dB 1watt/1 metre

124dB continuous,130dB peak

8 ohms nominal

70° × 40°

2.2kHz passive

2× Speakon NL4

590mm×440mm×635mm

20 kg/pc

24 kg/pc

FEATURES

- High quality plywood with wear-resistant and waterproof polyurea paint
- Neodymium HF driver and LF driver
- Patent 70° x 40° horn
- Used for stage monitor

产品特征

- 高质量单元配置，高强度夹板箱体

适用范围

- 多功能厅、高级酒店会所
- 流动商演、乐队扩声以及舞台返送音箱

fdB
pro audio

K series
COLUMN SYSTEM

K 系列音柱系统音箱



K series K403II K803II K163II

Mid / High Unit System

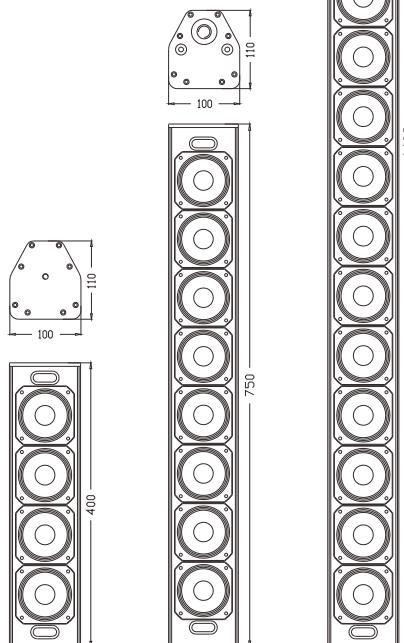
The K403 II /803 II /163 II is a series product, using the high quality 3" neodymium speaker units skillfully assembled into column speakers to meet the demands of different small and medium-scaled places, and the box body is made of aluminium alloy. The IP46 international standard can be met based on special request.

K403 II /K803 II /K163 II 是一个系列产品，利用优质3"喇叭单元巧妙组合成的音柱，以满足不同中小型场所使用需求，箱体采用铝合金制作。可应需求做到满足IP46国际标准。

FEATURES

- Light weight aluminium alloy enclosure
- Multi combinations and installation ways
- Hidden and external connections
- Used for moving performance, church and multi-purpose hall

CONFIGURATION



产品特征

- 高质量单元配置，铝合金箱体
- 多种安装方式，操作简易快捷
- 隐藏及外部两种接线方式

适用范围

- 会议室，多功能厅、教堂、小型流动商演



MODEL	K403 II	K803 II	K163 II
FREQUENCY RESPONSE(-3dB)	120Hz-18kHz	120Hz-18kHz	120Hz-18kHz
FREQUENCY RESPONSE(-10dB)	115Hz-20kHz	115Hz-20kHz	115Hz-20kHz
DRIVERS	4×3"(83mm)/0.8"voice coil	8×3"(83mm)/0.8"voice coil	16×3"(83mm)/0.8"voice coil
RATED POWER	Mid/High Unit 100W RMS,400W peak	Mid/High Unit 200W RMS,800W peak	Mid/High Unit 400W RMS,1600W peak
SENSITIVITY	94dB 1watt/1meter	97dB 1watt/1meter	100dB 1watt/1meter
MAXIMUM SPL	114dB continuous 120dB peak	120dB continuous, 126dB peak	126dB continuous 132dB peak
IMPEDANCE	16 ohms nominal	8 ohms nominal	4 ohms nominal
DISPERSION(-6dB)	70° horizontal	70° horizontal	70° horizontal
INPUT CONNECTORS	2×Speakon NL4	2×Speakon NL4	2×Speakon NL4
PACKAGE SIZE	285mm×210mm×465mm (1pair/carton)	840mm×340mm×195mm (1pair/carton)	1498mm×340mm×195mm (1pair/carton)
NET WEIGHT	2.7 kg/pc	4.7 kg/pc	8.8 kg/pc
GROSS WEIGHT	7 kg/pair	12 kg/pair	21 kg/pair



pro audio

K506II K series K606II K806II

Two-way Loudspeaker System

The K506 II /606 II /806 II are a series of product, using the high quality 6" neodymium LF drivers and neodymium HF drivers coupled to special designed horns assembled into small speakers and column speakers to meet the demands of different small and medium-scaled places, and the box body is made of high quality plywood with polyurea waterproof paint.

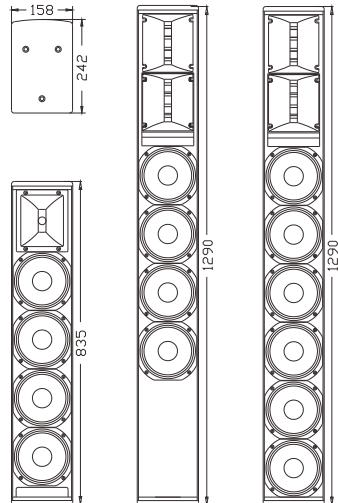
K506 II /K606 II /K806 II 是一个系列产品，利用优质6"单元、高品质驱动器及特别设计的号角组合成的音箱和音柱，以满足中小型流动演出和固定位置使用，箱体采用多层复合夹板，聚脲喷涂。



FEATURES

- High quality plywood with wear-resistant and waterproof polyurea paint
- Multi combinations and installation ways
- Hidden and external connections
- Used for moving performance, church and multi-purpose hall

CONFIGURATION



产品特征

- 高质量单元配置,多层次复合夹板箱体
- 多种使用和安装方式,操作简易快捷
- 隐藏及外部两种接线方式

适用范围

- 流动商演、教堂、会议室、多功能厅

MODEL	K506 II	K606 II	K806 II
FREQUENCY RESPONSE(-3dB)	80Hz-18kHz	80Hz-18kHz	80Hz-18kHz
FREQUENCY RESPONSE(-10dB)	75Hz-20kHz	75Hz-20kHz	75Hz-20kHz
DRIVERS	4×6"(150mm) 1.5"voice coil LF 1×1"(25mm) 1.7"voice coil HF	4×6"(150mm) 1.5"voice coil LF 2×1"(25mm) 1.7"voice coil HF	6×6"(150mm) 1.5"voice coil LF 2×1"(25mm) 1.7"voice coil HF
RATED POWER	320W RMS,1280W peak	320W RMS,1280W peak	480W RMS,1920W peak
SENSITIVITY	98dB 1watt/1meter	98dB 1watt/1meter	100dB 1watt/1meter
MAXIMUM SPL	123dB continuous 129dB peak	123dB continuous 129dB peak	127dB continuous 133dB peak
IMPEDANCE	8 ohms nominal	8 ohms nominal	6 ohms nominal
DISPERSION(-6dB)	90°×50°	110°×25°(-17.5°/+7.5°)	110°×25°(-17.5°/+7.5°)
CROSSOVER FREQUENCIES	2.6KHz passive	2.5KHz passive	1.8KHz passive
INPUT CONNECTORS	2× Speakon NL4	2× Speakon NL4	2× Speakon NL4
PACKAGE SIZE	935mm×335mm×250mm	1380mm×340mm×270mm	1380mm×340mm×270mm
NET WEIGHT	12 kg/pc	16 kg/pc	18 kg/pc
GROSS WEIGHT	14 kg/pc	19 kg/pc	21 kg/pc



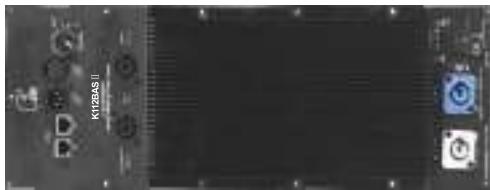
pro audio

K112BII K series K112BAS II

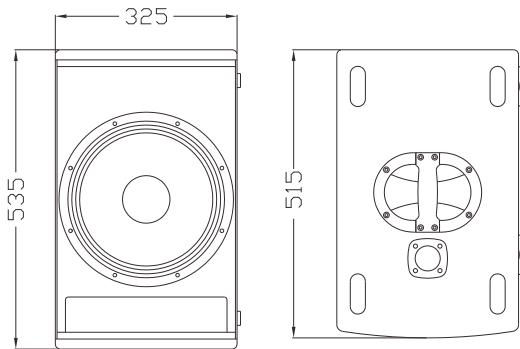
Sub-woofer System

K112B II is a single 12" subwoofer, using 3" voice coil woofer, made of high quality plywood with polyurea waterproof paint. K112BAS II is equipped with digital amplifier module with DSP to be an active system with full range and sub outputs based on K112B II.

K112B II 是一款单12"超低音箱，采用一只12"75芯高效率超低音单元，倒相式箱体设计，箱体采用多层复合夹板，聚脲喷涂，K112BAS II是在K112B II的基础上配置两通道带DSP的数字功放组件，形成有源系统，具有全频和超低音输出功能。



CONFIGURATION



FEATURES

- High quality plywood with wear-resistant and waterproof polyurea paint
- Bass reflex design
- Hidden and external connections
- High temperature 3"(75mm) voice coil
- Top hat fitting for pole mounting to K series
- To match small size K series full range speakers

产品特征

- 高质量单元配置，多层复合夹板箱体聚脲喷涂
- 多种安装方式，操作简易快捷
- 开关电源数字功放，内置DSP信号处理
- 具有超低音及全频输出功能
- 隐藏及外部两种接线方式

适用范围

- 流动商演、教堂、会议室、多功能厅
- 配合小型K系列全频使用、提升低频表现

MODEL

FREQUENCY RESPONSE(-3dB)

DRIVERS

RATED POWER

SENSITIVITY

MAXIMUM SPL

IMPEDANCE

INPUT CONNECTORS

PACKAGE SIZE

NET WEIGHT

GROSS WEIGHT

K112B II

40Hz-300Hz

1×12"(300mm)/3"voice coil LF

300W RMS,1200W peak

96dB 1watt/1meter

121dB continuous,127dB peak

8 ohms nominal

2× Speakon NL4

605mm×415mm×632mm

22 kg/pc

26 kg/pc

K112BAS II

40Hz-300Hz and 50Hz-20kHz

1×12"(300mm)/3"voice coil LF

350W/8Ω+350W/8Ω, 700W/4Ω+700W/4Ω

--

121dB continuous,127dB peak

--

INPUT TYPE: Balanced Differential line

605mm×415mm×632mm

24 kg/pc

28 kg/pc



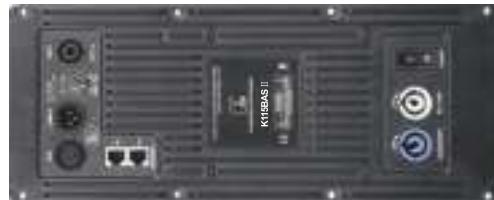
K115B II

K series K115BAS II

Sub-woofer System

K115B II is a single 15" subwoofer, using 4" voice coil woofer, made of high quality plywood with polyurea waterproof paint. K115BAS II is equipped with SA2.68 digital amplifier module to be an active system with full range and sub outputs based on K115B II.

K115B II 是一款单15"超低音箱，采用一只15" 100芯高效率超低音单元，倒相式箱体设计，箱体采用多层复合夹板，聚脲喷涂。K115BAS II 是在 K115B II 的基础上配置SA2.68功放组件，形成有源系统，具有全频和超低音输出功能。



FEATURES

- High quality plywood with wear-resistant and waterproof polyurea paint
- Bass reflex design
- Hidden and external connections
- High temperature 4"(100mm) voice coil
- Top hat fitting for pole mounting to K series
- To match K506 II /K606 II

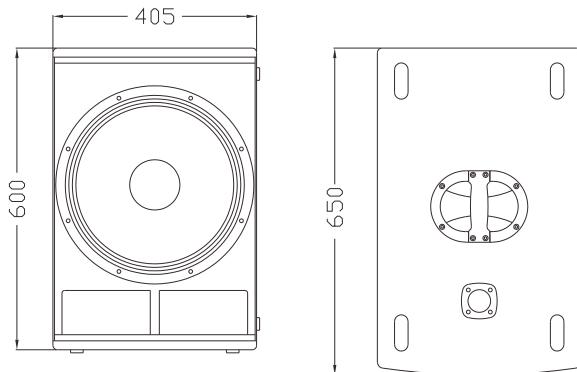
产品特征

- 高质量单元配置，多层复合夹板箱体聚脲喷涂
- 多种安装方式，操作简易快捷
- 开关电源数字功放，内置DSP信号处理
- 具有超低音及全频输出功能
- 隐藏及外部两种接线方式

适用范围

- 流动商演、教堂、会议室、多功能厅
- 配合K506 II /K606 II 使用，提升低频表现

CONFIGURATION



MODEL

FREQUENCY RESPONSE(-3dB)

DRIVERS

RATED POWER

SENSITIVITY

MAXIMUM SPL

IMPEDANCE

INPUT CONNECTORS

PACKAGE SIZE

NET WEIGHT

GROSS WEIGHT

K115B II

40Hz-300Hz

1×15"(385mm)/4"voice coil LF

600W RMS,2400W peak

99dB 1watt/1meter

127dB continuous,133dB peak

8 ohms nominal

2×Speakon NL4

740mm×495mm×695mm

35 kg/pc

39 kg/pc

K115BAS II

40Hz-300Hz and 50Hz-20kHz

1×15"(385mm)/4"voice coil LF

900W/4Ω+1200W/4Ω

--

127dB continuous,133dB peak

--

INPUT TYPE: Balanced Differential line

740mm×495mm×695mm

37 kg/pc

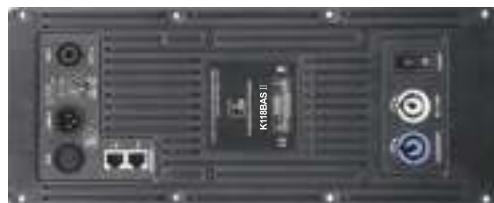
41 kg/pc

K118BII K series K118BASII

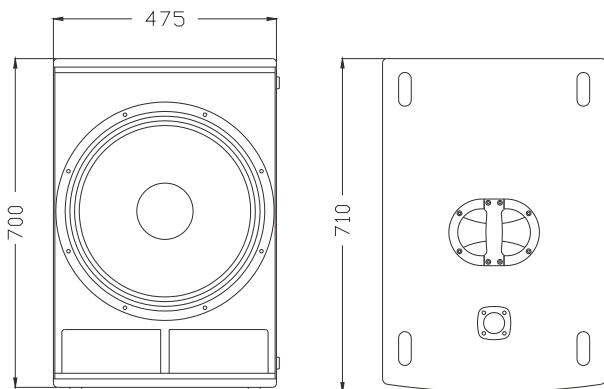
Sub-woofer System

K118B II is a single 18" subwoofer, using 4" voice coil woofer, made of high quality plywood with polyurea waterproof paint. **K118BAS II** is equipped with SA2.68 digital amplifier module to be an active system with full range and sub outputs based on K118B II.

K118B II 是一款单18"超低音箱，采用一只18" 100芯高效率超低音单元，倒相式箱体设计，箱体采用多层复合夹板，聚脲喷涂。K118BAS II 是在K118B II 的基础上配置SA2.68功放组件，形成有源系统，具有全频和超低音输出功能。



CONFIGURATION



FEATURES

- High quality plywood with wear-resistant and waterproof polyurea paint
- Bass reflex design
- Hidden and external connections
- High temperature 4"(100mm) voice coil
- Top hat fitting for pole mounting to K series
- To match K606 II /K806 II

产品特征

- 高质量单元配置，多层复合夹板箱体聚脲喷涂
- 多种安装方式，操作简易快捷
- 开关电源数字功放，内置DSP信号处理
- 具有超低音及全频输出功能
- 隐藏及外部两种接线方式

适用范围

- 流动商演、教堂、会议室、多功能厅
- 配合K606 II /K806 II 使用，提升低频表现

MODEL

FREQUENCY RESPONSE(-3dB)

DRIVERS

RATED POWER

SENSITIVITY

MAXIMUM SPL

IMPEDANCE

INPUT CONNECTORS

PACKAGE SIZE

NET WEIGHT

GROSS WEIGHT

K118B II

35Hz-300Hz

1×18"(460mm)/4"voice coil LF

600W RMS,2400W peak

99dB 1watt/1meter

127dB continuous,133dB peak

8 ohms nominal

2× Speakon NL4

802mm×567mm×789mm

42 kg/pc

47 kg/pc

K118BAS II

35Hz-300Hz and 50Hz-20kHz

1×18"(460mm)/4"voice coil LF

900W/4Ω+1200W/4Ω

--

127dB continuous,133dB peak

--

INPUT TYPE: Balanced Differential line

802mm×567mm×789mm

44 kg/pc

49 kg/pc



pro audio

LH series

轻便系列专业音箱





pro audio

LHseries LH8

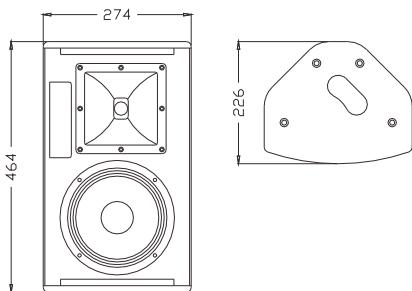
Two-way Loudspeaker System



The LH8 is an all-purpose 2-way full-range loudspeaker designed for near-field contracting applications. Fitted with one 8" neodymium woofer and one 1" exit neodymium compression driver coupled to a rotatable horn.

LH8是一款8"两分音全音域音箱，采用一只8"强磁高效率低音单元，一只1"喉口44芯强磁高分子聚酯膜高音驱动器配置90° × 50° 可旋转号角，箱体采用多层复合夹板，特殊环保喷涂制作。

CONFIGURATION



MODEL	LH8
FREQUENCY RESPONSE(-3dB)	80 Hz-18kHz
FREQUENCY RESPONSE(-10dB)	75 Hz-20kHz
DRIVERS	1×8"(200mm)/2"voice coil LF 1×1"(25mm)/1.7"voice coil HF
RATED POWER	150W RMS,600W peak
SENSITIVITY	93dB 1watt/1 metre
MAXIMUM SPL	115dB continuous,121 dB peak
IMPEDANCE	8 ohms nominal
DISPERSION(-6dB)	90°×50°
CROSSOVER FREQUENCIES	2.3kHz passive
INPUT CONNECTORS	2× Speakon NL4
PACKAGE SIZE	350mm×300mm×544mm
NET WEIGHT	8 kg/pc
GROSS WEIGHT	9 kg/pc



pro audio



LH series LH10

Two-way Loudspeaker System

FEATURES

- High quality plywood with special environmental protection paint
- Rotatable 90° × 50° horn
- Flexible mounting options
- Top hat fitting for tripod
- Light weight, convenient to move and fix installation
- Used for moving performance, multi-purpose hall, conference room, hotel, KTV and band

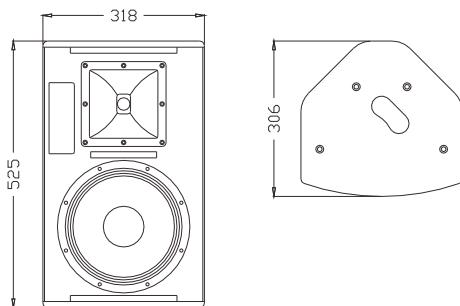
产品特征

- 高质量单元配置，高强度夹板箱体
- 体积小、重量轻便于搬运和固定安装
- 多吊挂点与支撑配合，操作简易快捷

适用范围

- 用于全音域扩声、语言会议系统、高级卡拉OK包房
- 多功能厅、高级酒店会所
- 流动商演、乐队扩声以及舞台返送音箱

CONFIGURATION



MODEL

LH10

FREQUENCY RESPONSE(-3dB)

60 Hz-18kHz

FREQUENCY RESPONSE(-10dB)

55 Hz-20kHz

DRIVERS

1×10"(250mm)/3"voice coil LF

1×1"(25mm)/1.7"voice coil HF

250W RMS,1000W peak

96dB 1watt/1 metre

120dB continuous,126 dB peak

8 ohms nominal

90°×50°

2.5kHz passive

2× Speakon NL4

391mm×380mm×605mm

RATED POWER

13 kg/pc

SENSITIVITY

14 kg/pc

MAXIMUM SPL

IMPEDANCE

DISPERSION(-6dB)

CROSSOVER FREQUENCIES

INPUT CONNECTORS

PACKAGE SIZE

NET WEIGHT

GROSS WEIGHT





pro audio

LHseries LH12

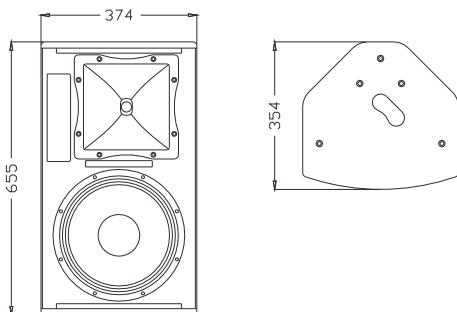
Two-way Loudspeaker System



The **LH12** is the ideal general-purpose 2-way loudspeaker with a wide frequency response, suitable for all kinds of mid-field theatre and live venue applications that require professional sound quality, fitted with one 12" neodymium woofer and one 1" exit neodymium compression driver coupled to a rotatable horn.

LH12是一款12"两分音全音域音箱，采用一只12"强磁高效率低音单元，一只1"喉口44芯强磁高分子聚酯膜高音驱动器配置90° × 40° 可旋转号角，箱体采用多层复合夹板，特殊环保喷涂制作。

CONFIGURATION



MODEL

FREQUENCY RESPONSE(-3dB)

FREQUENCY RESPONSE(-10dB)

DRIVERS

RATED POWER

SENSITIVITY

MAXIMUM SPL

IMPEDANCE

DISPERSION(-6dB)

CROSSOVER FREQUENCIES

INPUT CONNECTORS

PACKAGE SIZE

NET WEIGHT

GROSS WEIGHT

FEATURES

- High quality plywood with special environmental protection paint
- Rotatable 90°×40° horn
- Flexible mounting options
- Top hat fitting for tripod
- Light weight, convenient to move and fix installation
- Used for moving performance, multi-purpose hall, conference room, hotel, KTV and band

产品特征

- 高质量单元配置，高强度夹板箱体
- 重量轻便于搬运和固定安装
- 多吊挂点与支撑配合，操作简易快捷

适用范围

- 用于全音域扩声、高级卡拉OK包房、慢摇吧
- 多功能厅、高级酒店会所
- 流动商演、乐队扩声以及舞台返送音箱

LH12

55 Hz-18kHz

50 Hz-20kHz

1×12"(300mm)/3"voice coil LF

1×1"(25mm)/1.7"voice coil HF

300W RMS,1200W peak

97dB 1watt/1 metre

122dB continuous,128 dB peak

8 ohms nominal

90°×40°

2.5kHz passive

2× Speakon NL4

470mm×450mm×755mm

17 kg/pc

19 kg/pc



pro audio



FEATURES

- High quality plywood with special environmental protection paint
- Rotatable 90°×40° horn
- Flexible mounting options
- Top hat fitting for tripod
- Light weight, convenient to move and fix installation
- Used for moving performance, multi-purpose hall, conference room, hotel, KTV and band

产品特征

- 高质量单元配置，高强度夹板箱体
- 重量轻便于搬运和固定安装
- 多吊挂点与支撑配合，操作简易快捷

适用范围

- 用于全音域扩声、高级卡拉OK包房、慢摇吧
- 多功能厅、高级酒店会所
- 流动商演、乐队扩声以及舞台返送音箱

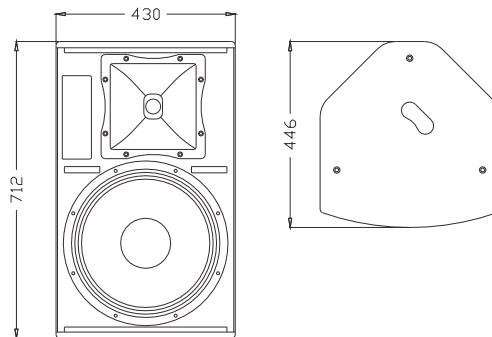
LHseries LH15

Two-way Loudspeaker System

The LH15 is the ideal general-purpose 2-way loudspeaker with a wide frequency response, suitable for all kinds of mid-field theatre and live venue applications that require professional sound quality, fitted with one 15" neodymium woofer and one 1.4" exit neodymium compression driver coupled to a rotatable horn.

LH15是一款15"两分音全音域音箱，采用一只15"强磁高效率低音单元，一只1.4"喉口75芯强磁复合钛膜高音驱动器配置90°×40°可旋转号角，箱体采用多层复合夹板，特殊环保喷涂制作。

CONFIGURATION



MODEL

LH15

FREQUENCY RESPONSE(-3dB)

45 Hz-18kHz

FREQUENCY RESPONSE(-10dB)

40 Hz-20kHz

DRIVERS

1×15"(385mm)/3"voice coil LF

RATED POWER

1×1.4"(36mm)/3"voice coil HF

SENSITIVITY

400W RMS,1600W peak

MAXIMUM SPL

98dB 1watt/1 metre

IMPEDANCE

124dB continuous,130 dB peak

DISPERSION(-6dB)

8 ohms nominal

CROSSOVER FREQUENCIES

90°×40°

INPUT CONNECTORS

1.5kHz passive

PACKAGE SIZE

2×Speakon NL4

NET WEIGHT

540mm×525mm×812mm

GROSS WEIGHT

23 kg/pc

26 kg/pc



pro audio

LHseries LH15H

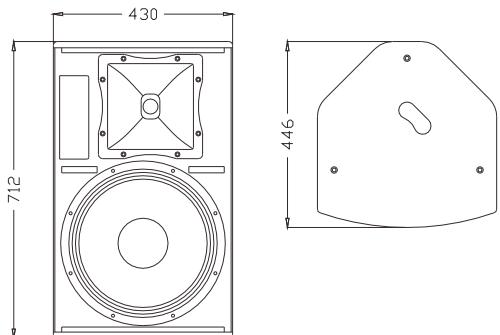
Two-way Loudspeaker System



The LH15H is the ideal general-purpose 2-way loudspeaker with a wide frequency response, suitable for all kinds of mid-field theatre and live venue applications that require professional sound quality, fitted with one 15" neodymium woofer and one 1.4" exit neodymium compression driver coupled to a rotatable horn.

LH15H是一款15"两分音全音域音箱，采用一只15"强磁高效率低音单元，一只1.4"喉口75芯强磁复合钛膜高音驱动器配置90° × 40° 可旋转号角，箱体采用多层复合夹板，特殊环保喷涂制作。

CONFIGURATION



MODEL	LH15H
FREQUENCY RESPONSE(-3dB)	45 Hz-18kHz
FREQUENCY RESPONSE(-10dB)	40 Hz-20kHz
DRIVERS	1×15"(385mm)/4"voice coil LF 1×1.4"(36mm)/3"voice coil HF
RATED POWER	600W RMS,2400W peak
SENSITIVITY	98dB 1watt/1 metre
MAXIMUM SPL	126dB continuous,132 dB peak
IMPEDANCE	8 ohms nominal
DISPERSION(-6dB)	90°×40°
CROSSOVER FREQUENCIES	1.5kHz passive
INPUT CONNECTORS	2× Speakon NL4
PACKAGE SIZE	540mm×525mm×812mm
NET WEIGHT	26 kg/pc
GROSS WEIGHT	29 kg/pc



pro audio



LHseries LH215

Two-way Loudspeaker System

FEATURES

- High quality plywood with special environmental protection paint
- Very high SPL from a full range passive enclosure
- Fiberglass 90°×50° horn
- Dedicated low distortion mid-bass driver
- Used for moving performance, multi-purpose hall and high-end hotel

产品特征

- 高质量单元配置，高强度夹板箱体
- 高功率输出，重量轻便于搬运和固定安装
- 多吊挂点与支撑配合，操作简易快捷

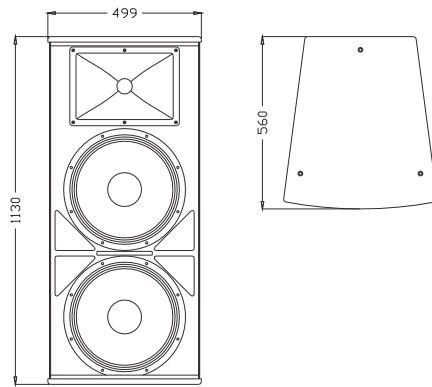
适用范围

- 用于全音域室内、外扩声
- 多功能厅、高级酒店会所

The LH215 is the ideal general-purpose 2-way loudspeaker with a wide frequency response, suitable for all kinds of mid-field theatre and live venue applications that require professional sound quality, fitted with two 15" neodymium woofers and one 2" exit neodymium compression driver coupled to a special design horn.

LH215 是一款双15"两分音全音域音箱。采用两只15"强磁高功率低音单元，一只2"喉口75芯钛膜高音驱动器配置专门设计的号角，箱体采用多层复合夹板，特殊环保喷涂制作。

CONFIGURATION



MODEL

LH215

FREQUENCY RESPONSE(-3dB)

45 Hz-18kHz

FREQUENCY RESPONSE(-10dB)

40 Hz-20kHz

DRIVERS

2×15"(385mm)/4"voice coil LF

1×2"(50mm)/3"voice coil HF

1200W RMS,4800W peak

101dB 1watt/1 metre

132dB continuous,138 dB peak

4 ohms nominal

90°×50°

1.5 kHz passive

2×Speakon NL4

660mm×605mm×1250mm

RATED POWER

50 kg/pc

SENSITIVITY

56 kg/pc

MAXIMUM SPL

IMPEDANCE

DISPERSION(-6dB)

CROSSOVER FREQUENCIES

INPUT CONNECTORS

PACKAGE SIZE

NET WEIGHT

GROSS WEIGHT



pro audio

LHseries LH18B

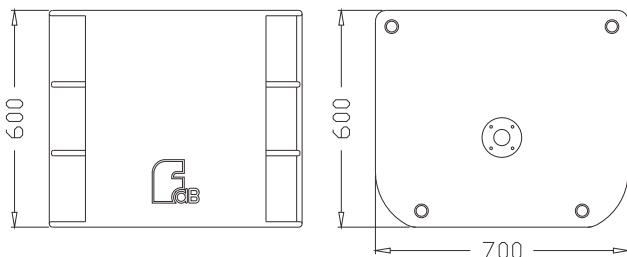
Sub-woofer System



The LH18B is a single 18" low frequency enclosure designed for sub-bass reinforcement to LH compact series in a wide variety of fixed installation, fitted with one 18" neodymium woofer.

LH18B是一款单18"超低音箱。采用一只18"100芯强磁低音单元，带通式箱体设计，箱体采用多层复合夹板，特殊环保喷涂制作。

CONFIGURATION



MODEL	LH18B
FREQUENCY RESPONSE(-3dB)	40 Hz-150Hz
DRIVERS	1×18"(460mm)/4"voice coil LF
RATED POWER	600W RMS,2400W peak
SENSITIVITY	99dB 1watt/1 metre
MAXIMUM SPL	127 dB continuous,133 dB peak
IMPEDANCE	8 ohms nominal
INPUT CONNECTORS	2×Speakon NL4
PACKAGE SIZE	792mm × 692mm × 697mm
NET WEIGHT	37 kg/pc
GROSS WEIGHT	43 kg/pc

FEATURES

- High quality plywood with special environmental protection paint
- Bandpass sub-bass
- High temperature 4"(100mm) voice coil
- Top hat fitting for pole mounting to LH series

产品特征

- 高质量单元配置，高强度夹板箱体
- 带通式设计，低音强劲自然

适用范围

- 用于有超低音重放需求的高级卡拉OK包房、慢摇吧
- 多功能厅、高级酒店会所
- 流动商演、乐队扩声

fdb

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Useries

经典系列音箱



U series U106V

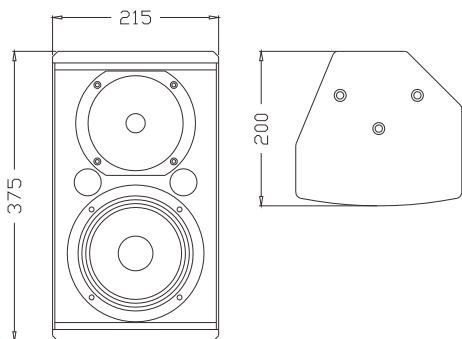
Two-way Loudspeaker System

The U106V is an all-purpose full-range loudspeaker designed for near-field contracting applications. Rated at 120 watts(RMS), fitted with one 6.5" woofer and one 1" exit compression driver coupled to a wide dispersion HF horn.

U106V是一款6.5"两分音全音域音箱，采用一只6.5"高效率中低音单元，一只1"喉口25芯高分子聚酯膜高音驱动器配置120° 恒指向性号角，箱体采用多层复合夹板，水性环保喷涂制作。



CONFIGURATION



FEATURES

- High quality plywood with special environmental protection paint
- Ultra-compact two way system
- Constant dispersion 120° horn
- Flexible mounting options

产品特征

- 高质量单元配置，高强度夹板箱体
- 体积小、大声压

适用范围

- 用于全音域扩声、语言扩声会议系统
- 背景音乐，酒吧舞厅等



MODEL

FREQUENCY RESPONSE(-3dB)

FREQUENCY RESPONSE(-10dB)

DRIVERS

RATED POWER

SENSITIVITY

MAXIMUM SPL

IMPEDANCE

DISPERSION(-6dB)

CROSSOVER FREQUENCIES

INPUT CONNECTORS

PACKAGE SIZE

NET WEIGHT

GROSS WEIGHT

U106V

80 Hz-18kHz

75 Hz-20kHz

1×6.5"(165mm)/2"voice coil LF

1×1"(25mm)/1"voice coil HF

120W RMS,480W peak

90dB 1watt/1 metre

111dB continuous,117dB peak

8 ohms nominal

120°

3.2kHz passive

2×Speakon NL4

510mm×285mm×450mm(carton/pair)

6 kg/pc

15 kg/pair



U series U108V

Two-way Loudspeaker System

The U108V is an all-purpose full-range loudspeaker designed for near-field contracting applications. Rated at 150 watts(RMS), fitted with one 8" woofer and one 1" exit compression driver coupled to a wide dispersion HF horn.

U108V是一款8"两分音全音域音箱，采用一只8"高效率中低音单元，一只1"喉口25芯高分子聚酯膜高音驱动器配置90° × 50° 可旋转号角，箱体采用多层复合夹板，水性环保喷涂制作。

FEATURES

- High quality plywood with special environmental protection paint
- Ultra-compact two way system
- Rotatable 90°×50° horn
- Mid-high frequency's sensitivity can be adjusted
- Flexible mounting options
- Top hat fitting for tripod

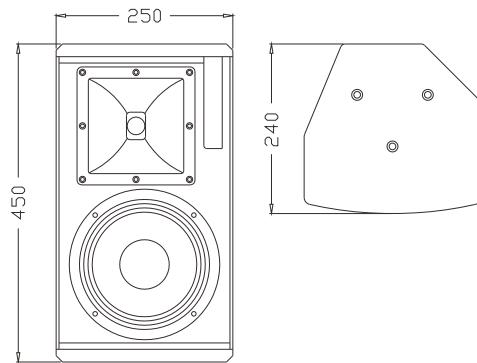
产品特征

- 中高音灵敏度可调
- 高质量单元配置，高强度夹板箱体
- 体积小、大声压
- 多吊挂点与支撑配合，操作简易快捷

适用范围

- 用于全音域扩声、语言扩声会议系统
- 背景音乐，酒吧舞厅等也可作为小型舞台返送音箱

CONFIGURATION



MODEL

U108V

FREQUENCY RESPONSE(-3dB)

60 Hz-18kHz

FREQUENCY RESPONSE(-10dB)

55 Hz-20kHz

DRIVERS

1×8"(200mm)/2"voice coil LF

1×1"(25mm)/1"voice coil HF

RATED POWER

150W RMS,600W peak

SENSITIVITY

93dB 1watt/1 metre

MAXIMUM SPL

115dB continuous,121 dB peak

IMPEDANCE

8 ohms nominal

DISPERSION(-6dB)

90°×50°

CROSSOVER FREQUENCIES

2.8kHz passive

INPUT CONNECTORS

2×Speakon NL4

PACKAGE SIZE

330mm×320mm×540mm

NET WEIGHT

10 kg/pc

GROSS WEIGHT

12 kg/pc

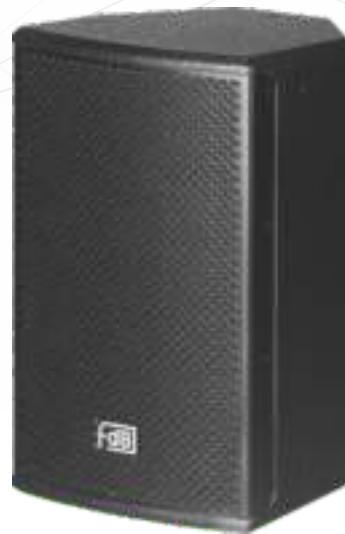


U series U110V

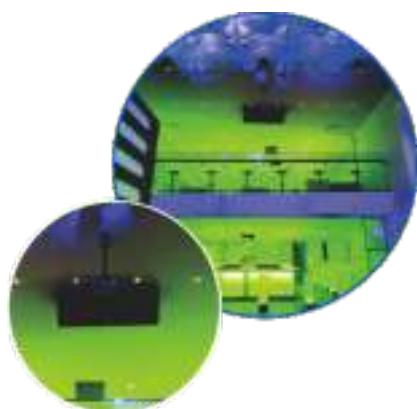
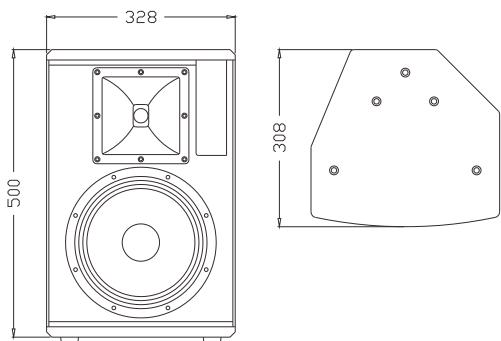
Two-way Loudspeaker System

The U110V is an all-purpose full-range loudspeaker designed for near-field contracting applications. Rated at 250 watts(RMS), fitted with one 10" woofer and one 1" exit compression driver coupled to a wide dispersion HF horn.

U110V 是一款10"两分音全音域音箱。采用一只10"高效率中低音单元，一只1"喉口44芯高分子聚酯膜高音驱动器配置90° × 50° 可旋转号角，箱体采用多层复合夹板，水性环保喷涂制作。



CONFIGURATION



FEATURES

- High quality plywood with special environmental protection paint
- Ultra-compact two way system
- Rotatable 90°×50° horn
- Mid-high frequency's sensitivity can be adjusted
- High power output
- Flexible mounting options
- Top hat fitting for tripod

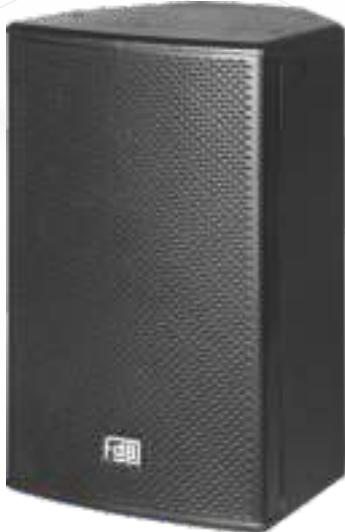
产品特征

- 中高音灵敏度可调
- 高质量单元配置，高强度夹板箱体
- 体积小、大声压
- 多吊挂点与支撑配合，操作简易快捷

适用范围

- 用于全音域扩声、会议系统
- 多功能厅、高级酒店会所
- 流动商演、乐队扩声以及舞台返送音箱

MODEL	U110V
FREQUENCY RESPONSE(-3dB)	55 Hz-18kHz
FREQUENCY RESPONSE(-10dB)	50 Hz-20kHz
DRIVERS	1×10"(250mm)/2.5"voice coil LF 1×1"(25mm)/1.7"voice coil HF
RATED POWER	250W RMS,1000W peak
SENSITIVITY	95dB 1watt/1 metre
MAXIMUM SPL	119dB continuous,125 dB peak
IMPEDANCE	8 ohms nominal
DISPERSION(-6dB)	90°×50°
CROSSOVER FREQUENCIES	2kHz passive
INPUT CONNECTORS	2× Speakon NL4
PACKAGE SIZE	400mm×390mm×595mm
NET WEIGHT	15 kg/pc
GROSS WEIGHT	18 kg/pc



U112V Useries U112VA

Two-way Loudspeaker System

The U112V is the ideal general-purpose loudspeaker with a wide frequency response, suitable for all kinds of mid-field theatre and live venue applications that require professional sound quality. U112VA is equipped with FA1.6 digital amplifier module to be an active loudspeaker based on U112V.

U112V是一款12"两分音全音域音箱。采用一只12"高效率中低音单元，一只1"喉口44芯高分子聚酯膜高音驱动器配置90° × 40° 可旋转号角，箱体采用多层复合夹板，水性环保喷涂制作。U112VA是在U112V的基础上配置FA1.6功放组件成为有源音箱。



FEATURES

- High quality plywood with special environmental protection paint
- Compact two-way passive system
- Mid-high frequency's sensitivity can be adjusted
- Rotatable 90° × 40° horn
- Flexible mounting options
- Top hat fitting for tripod

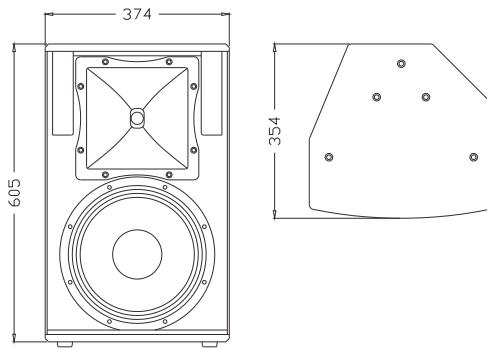
产品特征

- 中高音灵敏度可调
- 高质量单元配置，高强度夹板箱体
- 多吊挂点与支撑配合，操作简易快捷

适用范围

- 用于全音域扩声
- 多功能厅、高级酒店会所
- 流动商演、乐队扩声以及舞台返送音箱

CONFIGURATION



MODEL

U112V

FREQUENCY RESPONSE(-3dB)

FREQUENCY RESPONSE(-10dB)

DRIVERS

RATED POWER

SENSITIVITY

MAXIMUM SPL

IMPEDANCE

DISPERSION(-6dB)

CROSSOVER FREQUENCIES

INPUT CONNECTORS

PACKAGE SIZE

NET WEIGHT

GROSS WEIGHT

U112V

50Hz-18kHz

45 Hz-20kHz

1×12"(300mm)/3"voice coil LF

1×1"(25mm)/1.7"voice coil HF

300W RMS,1200W peak

97dB 1watt/1meter

122dB continuous,128dB peak

8 ohms nominal

90°×40°

2kHz passive

2×Speakon NL4

490mm×470mm×730mm

21 kg/pc

25 kg/pc

U112VA

50Hz-18kHz

45 Hz-20kHz

1×12"(300mm)/3"voice coil LF

1×1"(25mm)/1.7"voice coil HF

600W/8Ω

--

122dB continuous,128dB peak

--

90°×40°

--

INPUT TYPE: Balanced Differential line

490mm×470mm×730mm

23 kg/pc

27 kg/pc

U series U112VH

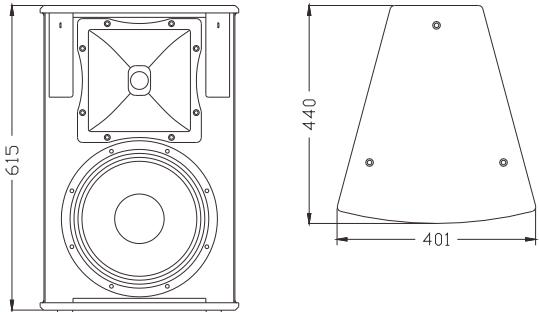
Two-way Loudspeaker System

The U112VH is the ideal general-purpose loudspeaker with a wide frequency response, suitable for all kinds of mid-field theatre and live venue applications that require professional sound quality.

U112VH是一款12"两分音全音域音箱，采用一只12"高效率中低音单元，一只1.4"喉口75芯复合振膜高音驱动器配置90° × 40° 可旋转号角，箱体采用多层复合夹板，水性环保喷涂制作。



CONFIGURATION



FEATURES

- High quality plywood with special environmental protection paint
- Compact two-way passive system
- Mid-high frequency's sensitivity can be adjusted
- Rotatable 90° × 40° horn
- Flexible mounting options
- Top hat fitting for tripod

产品特征

- 高质量单元配置，高强度夹板箱体
- 重量轻便于搬运和固定安装
- 多吊挂点与支撑配合，操作简易快捷

适用范围

- 用于全音域扩声
- 多功能厅、高级酒店会所
- 流动商演、固定安装

MODEL	U112VH
FREQUENCY RESPONSE(-3dB)	50 Hz-18kHz
FREQUENCY RESPONSE(-10dB)	45 Hz-20kHz
DRIVERS	1×12"(300mm)/3"voice coil LF 1×1.4"(36mm)/3"voice coil HF
RATED POWER	450W RMS,1800W peak
SENSITIVITY	97dB 1watt/1 metre
MAXIMUM SPL	124dB continuous,130 dB peak
IMPEDANCE	8 ohms nominal
DISPERSION(-6dB)	90°×40°
CROSSOVER FREQUENCIES	1.5kHz passive
INPUT CONNECTORS	2× Speakon NL4
PACKAGE SIZE	530mm×495mm×710mm
NET WEIGHT	25 kg/pc
GROSS WEIGHT	29 kg/pc

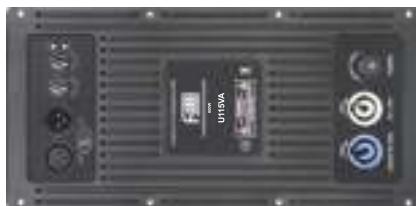


U115V U series U115VA

Two-way Loudspeaker System

The U115V is the ideal general-purpose loudspeaker with a wide frequency response, suitable for all kinds of mid-field theatre and live venue applications that require professional sound quality. U115VA is equipped with FA1.6 digital amplifier module to be an active loudspeaker based on U115V.

U115V是一款15"两分音全音域音箱。采用一只15"高效率低音单元，一只1.4"喉口75芯复合振膜高音驱动器配置90°×40°可旋转号角，箱体采用多层复合夹板，水性环保喷涂制作。U115VA是在U115V的基础上配置FA1.6功放组件成为有源音箱。



FEATURES

- High quality plywood with special environmental protection paint
- Wide-bandwidth system
- Rotatable 90°×40° horn
- Mid-high frequency's sensitivity can be adjusted
- Flexible mounting options
- Top hat fitting for tripod

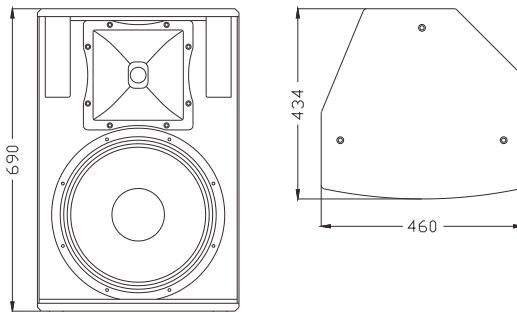
产品特征

- 中高音灵敏度可调
- 高质量单元配置，高强度夹板箱体
- 多吊挂点与支撑配合，操作简易快捷

适用范围

- 用于全音域扩声
- 多功能厅、高级酒店会所
- 流动商演、乐队扩声以及舞台返送音箱

CONFIGURATION



MODEL

U115V

FREQUENCY RESPONSE(-3dB)

U115V

45Hz-18kHz

FREQUENCY RESPONSE(-10dB)

40 Hz-20kHz

DRIVERS

1×15"(385mm)/3"voice coil LF

1×1.4"(36mm)/3"voice coil HF

400W RMS,1600W peak

RATED POWER

98dB 1watt/1meter

SENSITIVITY

124dB continuous,130dB peak

MAXIMUM SPL

8 ohms nominal

IMPEDANCE

90°×40°

DISPERSION(-6dB)

1.5kHz passive

CROSSOVER FREQUENCIES

2×Speakon NL4

INPUT CONNECTORS

580mm×560mm×820mm

PACKAGE SIZE

30 kg/pc

NET WEIGHT

35 kg/pc

GROSS WEIGHT

U115VA

45Hz-18kHz

40 Hz-20kHz

1×15"(385mm)/3"voice coil LF

1×1"(25mm)/1.7"voice coil HF

600W/8Ω

--

124dB continuous,130dB peak

--

90°×40°

--

INPUT TYPE:Balanced Differential line

580mm×560mm×820mm

29 kg/pc

34 kg/pc

U series U115VH

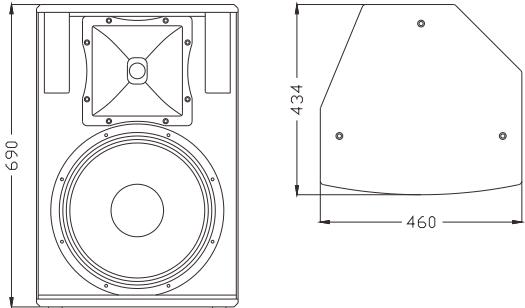
Two-way Loudspeaker System

The U115VH is the ideal general-purpose loudspeaker with a wide frequency response, suitable for all kinds of mid-field theatre and live venue applications that require professional sound quality.

U115VH是一款15"两分音全音域音箱。采用一只15"高效率低音单元，一只1.4"喉口75芯复合振膜高音驱动器配置90° × 40° 可旋转号角，箱体采用多层复合夹板，水性环保喷涂制作。



CONFIGURATION



FEATURES

- High quality plywood with special environmental protection paint
- Use 4" voice coil high power woofer
- Wide-bandwidth system
- Rotatable 90° × 40° horn
- Mid-high frequency's sensitivity can be adjusted
- Flexible mounting options
- Top hat fitting for tripod

产品特征

- 中高音灵敏度可调
- 高质量单元配置，高强度夹板箱体
- 多吊挂点与支撑配合，操作简易快捷

适用范围

- 用于全音域扩声
- 多功能厅、高级酒店会所
- 流动商演、乐队扩声以及舞台返送音箱



MODEL

FREQUENCY RESPONSE(-3dB)

FREQUENCY RESPONSE(-10dB)

DRIVERS

RATED POWER

SENSITIVITY

MAXIMUM SPL

IMPEDANCE

DISPERSION(-6dB)

CROSSOVER FREQUENCIES

INPUT CONNECTORS

PACKAGE SIZE

NET WEIGHT

GROSS WEIGHT

U115VH

45 Hz-18kHz

40 Hz-20kHz

1×15"(385mm)/4"voice coil LF

1×1.4"(36mm)/3"voice coil HF

600W RMS,2400W peak

98dB 1watt/1 metre

126dB continuous,132 dB peak

8 ohms nominal

90°×40°

1.5kHz passive

2× Speakon NL4

580mm×560mm×820mm

33 kg/pc

38 kg/pc



FEATURES

- High quality plywood with special environmental protection paint
- Very high SPL from a full range passive enclosure
- Extended low frequency performance from dual 15" drivers
- Dedicated low distortion mid-bass driver
- 90°×50° fiberglass horn
- 2" (50mm) exit titanium dome compression driver

产品特征

- 中高音灵敏度可调
- 高质量单元配置，高强度夹板箱体
- 多吊挂点，操作简易快捷

适用范围

- 用于全音域室内、外扩声
- 多功能厅、高级酒店会所

U215V U series U215DA

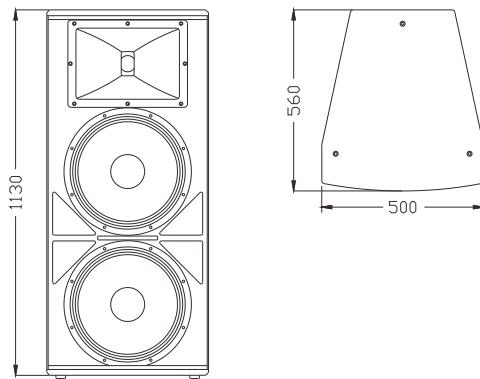
Two-way Loudspeaker System

The U215V is the ideal general-purpose loudspeaker with a wide frequency response, suitable for all kinds of mid-field theatre and live venue applications that require professional sound quality. U215DA is equipped with FA2.38 digital amplifier module to be an active loudspeaker based on U215V.

U215V is a two-way full-range speaker system. It features two 15" high-power bass drivers, a 2" throat 75-core titanium diaphragm high-frequency driver, and a specially designed horn. The cabinet is made of multi-layer composite panels and has a water-based environmental protection coating. U215DA is an active speaker based on the U215V, equipped with the FA2.38 digital amplifier module.



CONFIGURATION



MODEL

FREQUENCY RESPONSE(-3dB)

FREQUENCY RESPONSE(-10dB)

DRIVERS

RATED POWER

SENSITIVITY

MAXIMUM SPL

IMPEDANCE

DISPERSION(-6dB)

CROSSOVER FREQUENCIES

INPUT CONNECTORS

PACKAGE SIZE

NET WEIGHT

GROSS WEIGHT

U215V

40 Hz-18kHz

35 Hz-20kHz

2×15"(385mm)/4" voice coil LF

1×2"(50mm)/3" voice coil HF

1200W RMS, 4800W peak

101dB 1watt/1meter

132dB continuous, 138dB peak

4 ohms nominal

90°×50°

1.5kHz passive

2×Speakon NL4

660mm×605mm×1250mm

64 kg/pc

70 kg/pc

U215DA

40 Hz-18kHz

35 Hz-20kHz

2×15"(385mm)/3" voice coil LF

1×2"(50mm)/3" voice coil HF

300W/8Ω+1200W/4Ω

--

130dB continuous, 136dB peak

--

90°×50°

--

INPUT TYPE:Balanced Differential line

660mm×605mm×1250mm

55 kg/pc

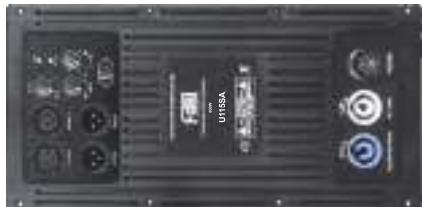
61 kg/pc

U series U115S U115SA

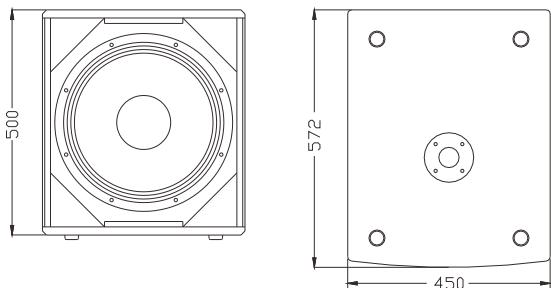
Sub-woofer System

The **U115S** is a single 15" low frequency enclosure designed for sub-bass reinforcement to U Compact series in a wide variety of fixed installation.U115SA is equipped with BA1.8 digital amplifier module to be an active subwoofer based on U115S.

U115S 是一款单15"超低音箱。采用一只15" 100芯低音单元，倒相式箱体设计，箱体采用多层复合夹板，水性环保喷涂制作。U115SA是在U115S的基础上配置BA1.8功放组件成为有源音箱。



CONFIGURATION



FEATURES

- High quality plywood with special environmental protection paint
- Bass reflex design
- High temperature 4" (100mm) voice coil
- Top hat fitting for pole mounting to U108V/U110V

产品特征

- 高质量单元配置，高强度夹板箱体
- 倒相式设计，低音丰富自然

适用范围

- 用于有超低音重放需求的高级卡拉OK包房、慢摇吧
- 多功能厅、高级酒店会所
- 流动商演、乐队扩声

MODEL	U115S	U115SA
FREQUENCY RESPONSE(-3dB)	40Hz-300Hz	40Hz-300Hz
DRIVERS	1×15"(385mm)/4"voice coil LF	1×15"(385mm)/4"voice coil LF
RATED POWER	600W RMS,2400W peak	1200W/4Ω
SENSITIVITY	99dB 1watt/1meter	--
MAXIMUM SPL	127dB continuous,133dB peak	127dB continuous,133dB peak
IMPEDANCE	8 ohms nominal	--
INPUT CONNECTORS	2×Speakon NL4	INPUT TYPE:Balanced Differential line
PACKAGE SIZE	670mm×550mm×605mm	670mm×550mm×605mm
NET WEIGHT	31 kg/pc	33 kg/pc
GROSS WEIGHT	34 kg/pc	36 kg/pc

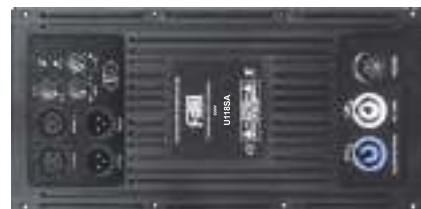


U118S U series U118SA

Sub-woofer System

The U118S is a single 18" low frequency enclosure designed for sub-bass reinforcement to U Compact series in a wide variety of fixed installation. U118SA is equipped with BA1.8 digital amplifier module to be an active subwoofer based on U118S.

U118S 是一款单18"超低音箱。采用一只18"100芯低音单元，倒相式箱体设计，箱体采用多层复合夹板，水性环保喷涂制作。U118SA是在U118S的基础上配置BA1.8功放组件成为有源音箱。



FEATURES

- High quality plywood with special environmental protection paint
- Bass reflex design
- High temperature 4" (100mm) voice coil
- Top hat fitting for pole mounting to U112V/U115V

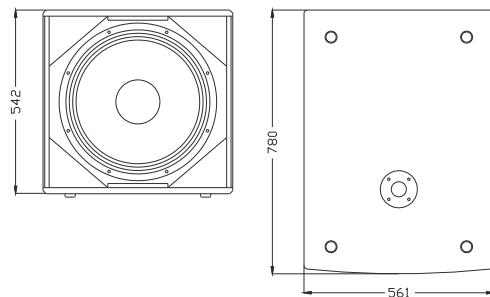
产品特征

- 高质量单元配置，高强度夹板箱体
- 倒相式设计，低音强劲自然

适用范围

- 用于有超低音重放需求的高级卡拉OK包房、慢摇吧
- 多功能厅、高级酒店会所
- 流动商演、乐队扩声

CONFIGURATION



MODEL

FREQUENCY RESPONSE(-3dB)

DRIVERS

RATED POWER

SENSITIVITY

MAXIMUM SPL

IMPEDANCE

INPUT CONNECTORS

PACKAGE SIZE

NET WEIGHT

GROSS WEIGHT

U118S

35Hz-300Hz

1×18"(460mm)/4"voice coil LF

600W RMS,2400W peak

100dB 1watt/1meter

128dB continuous,134dB peak

8 ohms nominal

2× Speakon NL4

880mm×660mm×655mm

40 kg/pc

48 kg/pc

U118SA

35Hz-300Hz

1×18"(460mm)/4"voice coil LF

1200W/4Ω

--

128dB continuous,134dB peak

-

INPUT TYPE: Balanced Differential line

880mm×660mm×655mm

42 kg/pc

50 kg/pc

U series U218SA

Sub-woofer System



The U218S provides deep and punchy bass(down to 35HZ) suitable for all club applications as part of the U Compact system. U218SA is equipped with BA2.88 digital amplifier module to be an active subwoofer based on U218S.

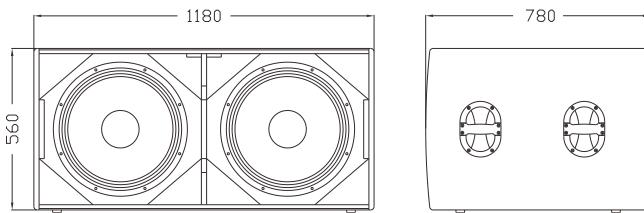
U218S 是一款双18"超低音箱。采用两只18"100芯超低音单元，倒相式箱体设计，箱体采用多层复合夹板，水性环保喷涂制作。U218SA是在U218S的基础上配置BA2.88 功放组件成为有源音箱。



FEATURES

- High quality plywood with special environmental protection paint
- Bass reflex design
- High temperature 4" (100mm) voice coil

CONFIGURATION



产品特征

- 高质量单元配置，高强度夹板箱体
- 倒相式设计，低音强劲自然

适用范围

- 用于有超低音重放需求的高级卡拉OK包房、慢摇吧
- 多功能厅、高级酒店会所
- 流动商演、乐队扩声

MODEL	U218S	U218SA
FREQUENCY RESPONSE(-3dB)	35Hz-300Hz	35Hz-300Hz
DRIVERS	2×18"(460mm)/4"voice coil LF	2×18"(460mm)/4"voice coil LF
RATED POWER	1200W RMS,4800W peak	1200W/4Ω+1200W/4Ω
SENSITIVITY	103dB 1watt/1meter	--
MAXIMUM SPL	134dB continuous,140dB peak	134dB continuous,140dB peak
IMPEDANCE	4 ohms nominal	--
INPUT CONNECTORS	2×Speakon NL4	INPUT TYPE: Balanced Differential line
PACKAGE SIZE	1272mm×872mm×658mm	1272mm×872mm×658mm
NET WEIGHT	82 kg/pc	84 kg/pc
GROSS WEIGHT	90 kg/pc	92 kg/pc



S series

多用途系列音箱

pro audio



S series S106

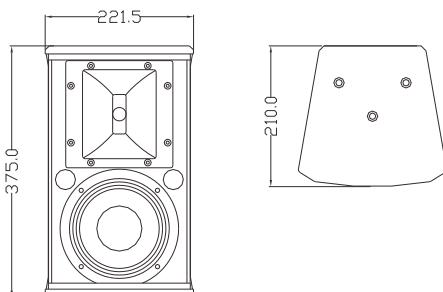
Two-way Loudspeaker System



S106 is a 6.5" 2-way full range speaker. It uses 1x6.5" high efficiency mid-bass unit, 1x1"exit throat 25mm voice coil HF driver with 90°×50°rotatable horn.The wood box adopts multilayer composite plywood with special environmental protection paint.

S106是一款6.5"两分音全频音箱，采用1只6.5"高效率中低音单元，1只1"喉口25芯高分子聚酯膜高音驱动器配上90°×50°可旋转号角，箱体采用多层复合夹板，水性环保喷涂制作。

CONFIGURATION



FEATURES

- High quality plywood with special environmental protection paint
- Compact 2-way design
- Rotatable horn
- Flexible mounting options
- Used for background music, conference rooms, multipurpose halls and classrooms

产品特征

- 小体积、大功率，高声压级输出
- 可旋转号角、多种安装方式

适用范围

- 会议室、多功能厅，教室



MODEL

FREQUENCY RESPONSE(-3dB)

FREQUENCY RESPONSE(-10dB)

DRIVERS

RATED POWER

SENSITIVITY

MAXIMUM SPL

IMPEDANCE

DISPERSION(-6dB)

CROSSOVER FREQUENCIES

INPUT CONNECTORS

PACKAGE SIZE

NET WEIGHT

GROSS WEIGHT

S106

90 Hz-18kHz

85Hz-20KHz

1×6.5"(165mm)/2"voice coil LF

1×1"(25mm)/1"voice coil HF

120W RMS,480W peak

90dB 1watt/1 metre

111dB continuous,117 dB peak

8 ohms nominal

90°×50°

2.5kHz passive

Covered barrier strip terminals

520mm×292mm×455mm(pair/carton)

6 kg/pc

15 kg/pair



S series S206

Two-way Loudspeaker System

S206 is a dual 6.5" 2-way full range speaker. It uses 1x6.5" high efficiency mid-bass unit, 1x6.5"high efficiency MF and HF coaxial unit. The wood box adopts multilayer composite plywood with special environmental protection paint.

S206是一款6.5"两分音全频音箱，采用1只6.5"高效率中低音单元和1只6.5"高效率中高音同轴单元，箱体采用多层复合夹板，水性环保喷涂制作。

FEATURES

- High quality plywood with special environmental protection paint
- MF and HF coaxial unit design
- Flexible mounting options
- Used for background music, conference rooms, multipurpose halls and classrooms

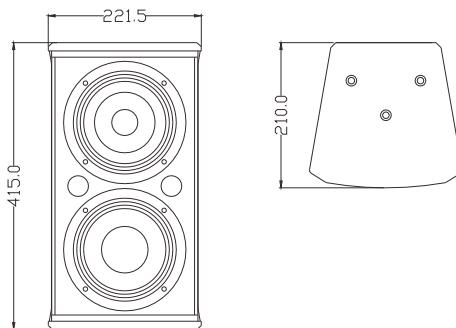
产品特征

- 小体积、大功率，高声压级输出
- 中高音同轴设计、多种安装方式

适用范围

- 会议室、多功能厅，教室

CONFIGURATION



MODEL

S206

FREQUENCY RESPONSE(-3dB)

90 Hz-18kHz

FREQUENCY RESPONSE(-10dB)

85Hz-20KHz

DRIVERS

2×6.5"(165mm)/2"voice coil LF

1×1"(25mm)/1.4"voice coil HF

240W RMS,960W peak

93dB 1watt/1meter

RATED POWER

116dB continuous,122dB peak

SENSITIVITY

4 ohms nominal

MAXIMUM SPL

90°×50°

IMPEDANCE

300Hz, 2.5kHz passive

DISPERSION(-6dB)

Covered barrier strip terminals

CROSSOVER FREQUENCIES

520mm×292mm×495mm(pair/carton)

INPUT CONNECTORS

9 kg/pc

PACKAGE SIZE

11 kg/pc

NET WEIGHT

GROSS WEIGHT



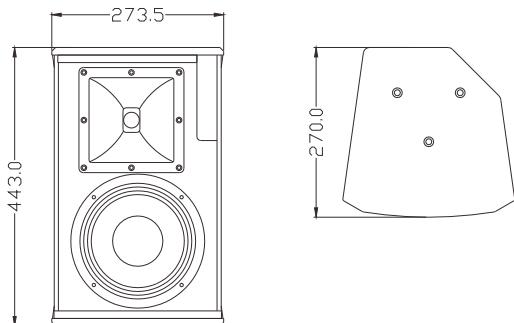
S series S108

Two-way Loudspeaker System

S108 is a 8" 2-way full range speaker. It uses 1x8" high efficiency mid-bass unit, 1x1"exit throat 25mm voice coil HF driver with 90°×50° rotatable horn.The wood box adopts multilayer composite plywood with special environmental protection paint.

S108是一款8"两分音全频音箱，采用1只8"高效率中低音单元，1只1"喉口25芯高分子聚酯膜高音驱动器配上90° × 50° 可旋转号角，箱体采用多层复合夹板，水性环保喷涂制作。

CONFIGURATION



MODEL

FREQUENCY RESPONSE(-3dB)

FREQUENCY RESPONSE(-10dB)

DRIVERS

RATED POWER

SENSITIVITY

MAXIMUM SPL

IMPEDANCE

DISPERSION(-6dB)

CROSSOVER FREQUENCIES

INPUT CONNECTORS

PACKAGE SIZE

NET WEIGHT

GROSS WEIGHT



FEATURES

- High quality plywood with special environmental protection paint
- Compact 2-way design
- Rotatable horn
- Flexible mounting options
- Top hat fitting for tripod
- Used for back ground music, conference rooms, multipurpose halls, classrooms and small moving performance

产品特征

- 小体积、大功率，高声压级输出
- 可旋转号角、多种安装方式

适用范围

- 会议室、多功能厅，教室
- 小型演出

S108

80 Hz-18kHz

75Hz-20KHz

1×8"(200mm)/2"voice coil LF

1×1"(25mm)/1"voice coil HF

150W RMS,600W peak

93dB 1watt/1 metre

115dB continuous,121 dB peak

8 ohms nominal

90°×50°

2.8kHz passive

Covered barrier strip terminals

344mm×340mm×523mm

10 kg/pc

12 kg/pc



pro audio



series S208

Two-way Loudspeaker System

FEATURES

- High quality plywood with special environmental protection paint
- MF and HF coaxial unit design
- Flexible mounting options
- Top hat fitting for tripod
- Used for conference rooms, multipurpose halls, classrooms and small moving performance

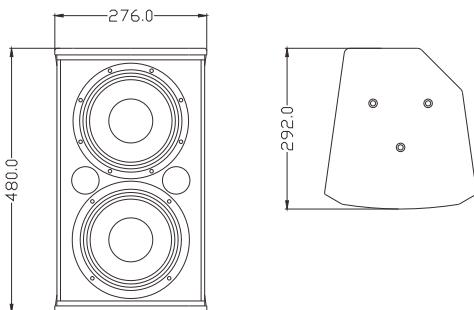
产品特征

- 小体积、大功率，高声压级输出
- 中高音同轴设计、多种安装方式

适用范围

- 会议室、多功能厅，教室
- 小型演出

CONFIGURATION



MODEL

S208

FREQUENCY RESPONSE(-3dB)

80 Hz-18kHz

FREQUENCY RESPONSE(-10dB)

75Hz-20KHz

DRIVERS

2×8"(200mm)/2"voice coil LF

RATED POWER

1×1"(25mm)/1.4"voice coil HF

SENSITIVITY

300W RMS,1200W peak

MAXIMUM SPL

96dB 1watt/1meter

IMPEDANCE

120dB continuous,126dB peak

DISPERSION(-6dB)

4 ohms nominal

CROSSOVER FREQUENCIES

90°×50°

INPUT CONNECTORS

300Hz, 3kHz passive

PACKAGE SIZE

Covered barrier strip terminals

NET WEIGHT

344mm×340mm×560mm

GROSS WEIGHT

14 kg/pc

16 kg/pc



S series S110

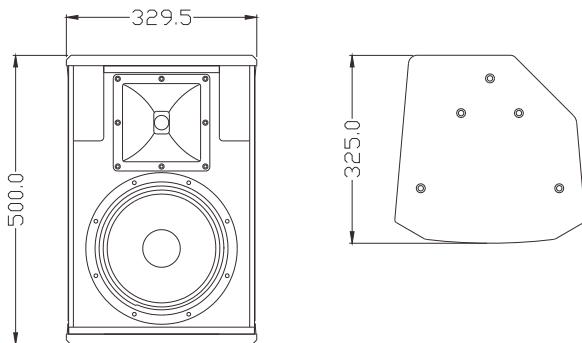
Two-way Loudspeaker System



S110 is a 10" 2-way full range speaker. It uses 1x10" high efficiency mid-bass unit, 1x1"exit throat 44mm voice coil HF driver with 90°×50° rotatable horn.The wood box adopts multilayer composite plywood with special environmental protection paint.

S110是一款10"两分音全频音箱。采用1只10"高效率中低音单元，1只1"喉口44芯高分子聚酯膜高音驱动器配置90° × 50° 可旋转号角，箱体采用多层复合夹板，水性环保喷涂制作。

CONFIGURATION



MODEL

FREQUENCY RESPONSE(-3dB)

FREQUENCY RESPONSE(-10dB)

DRIVERS

RATED POWER

SENSITIVITY

MAXIMUM SPL

IMPEDANCE

DISPERSION(-6dB)

CROSSOVER FREQUENCIES

INPUT CONNECTORS

PACKAGE SIZE

NET WEIGHT

GROSS WEIGHT

FEATURES

- High quality plywood with special environmental protection paint
- Compact 2-way design
- Rotatable horn
- Flexible mounting options
- Top hat fitting for tripod
- Used for conference rooms, multipurpose halls, classrooms and small moving performance

产品特征

- 高品质单元配置，高声压级输出
- 可旋转号角，多种安装方式

适用范围

- 会议室、多功能厅，教室
- 小型演出

S110

70 Hz-18kHz

65 Hz-20kHz

1×10"(250mm)/2.5"voice coil LF

1×1"(25mm)/1.7"voice coil HF

250W RMS,1000W peak

95dB 1watt/1 metre

119dB continuous,125 dB peak

8 ohms nominal

90°×50°

1.7kHz passive

2× Speakon NL4

410mm×405mm×600mm

14 kg/pc

17 kg/pc



pro audio



S series S112

Two-way Loudspeaker System

S112 is a 12" 2-way full range speaker. It uses 1x12" high efficiency mid-bass unit, 1x1"exit throat 44mm voice coil HF driver with 90°×50° rotatable horn.The wood box adopts multilayer composite plywood with special environmental protection paint.

S112是一款12"两分音全频音箱。采用一只12"高效率中低音单元，一只1"喉口44芯高分子聚酯膜高音驱动器配置90° × 50° 可旋转号角，箱体采用多层复合夹板，水性环保喷涂制作。

FEATURES

- High quality plywood with special environmental protection paint
- Compact 2-way design
- Rotatable horn
- Flexible mounting options
- Top hat fitting for tripod
- Used for conference rooms, multipurpose halls, classrooms, hotels, clubs, and moving performance

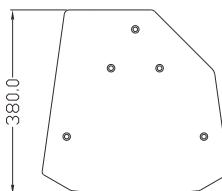
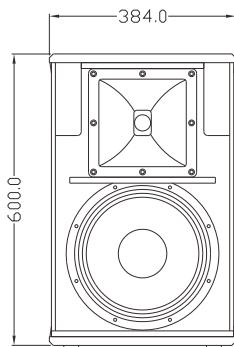
产品特征

- 高品质单元配置，高声压级输出
- 可旋转号角，多种安装方式

适用范围

- 会议室、多功能厅，教室
- 酒店娱乐、流动演出

CONFIGURATION



MODEL

S112

FREQUENCY RESPONSE(-3dB)

55Hz-18KHz

FREQUENCY RESPONSE(-10dB)

50Hz-20KHz

DRIVERS

1×12"(300mm)/3"voice coil LF

RATED POWER

1×1"(25mm)/1.7"voice coil HF

SENSITIVITY

300W RMS,1200W peak

MAXIMUM SPL

97dB 1watt/1meter

IMPEDANCE

122dB continuous,128dB peak

DISPERSION(-6dB)

8 ohms nominal

CROSSOVER FREQUENCIES

90°×50°

INPUT CONNECTORS

1.7kHz passive

PACKAGE SIZE

2× Speakon NL4

NET WEIGHT

464mm×460mm×700mm

GROSS WEIGHT

20 kg/pc

24 kg/pc

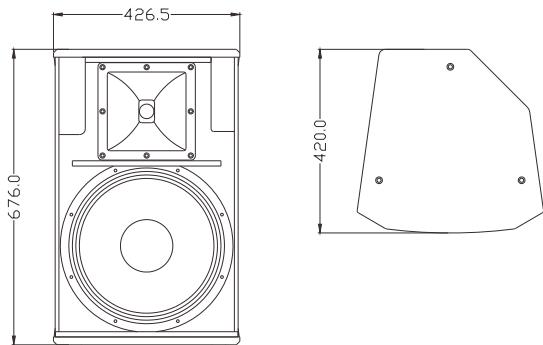
S series S115

Two-way Loudspeaker System

S115 is a 15" 2-way full range speaker. It uses 1x15" high efficiency mid-bass unit, 1x1"exit throat 44mm voice coil HF driver with 80°×50° rotatable horn.The wood box adopts multilayer composite plywood with special environmental protection paint.

S115是一款15"两分音全频音箱。采用一只15"高效率低音单元，一只1"喉口44芯高分子聚酯膜高音驱动器配置80° × 50° 可旋转号角，箱体采用多层复合夹板，水性环保喷涂制作。

CONFIGURATION



MODEL

FREQUENCY RESPONSE(-3dB)

FREQUENCY RESPONSE(-10dB)

DRIVERS

RATED POWER

SENSITIVITY

MAXIMUM SPL

IMPEDANCE

DISPERSION(-6dB)

CROSSOVER FREQUENCIES

INPUT CONNECTORS

PACKAGE SIZE

NET WEIGHT

GROSS WEIGHT



FEATURES

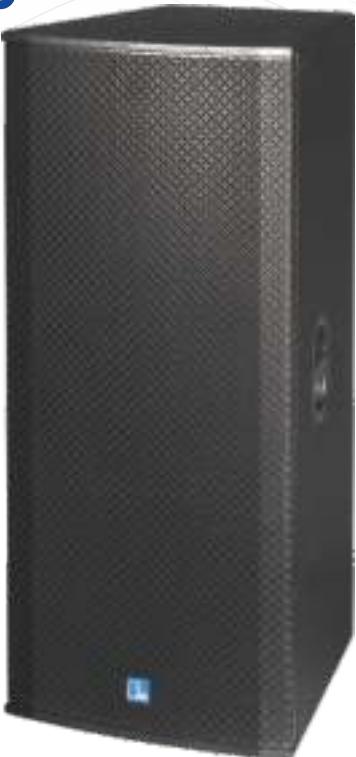
- High quality plywood with special environmental protection paint
- Compact 2-way design
- Rotatable horn
- Flexible mounting options
- Top hat fitting for tripod
- Used for conference rooms, multipurpose halls, classrooms, hotels, clubs, and moving performance

产品特征

- 高品质单元配置，高声压级输出
- 可旋转号角，多种安装方式

适用范围

- 会议室、多功能厅，教室
- 酒店娱乐、流动演出



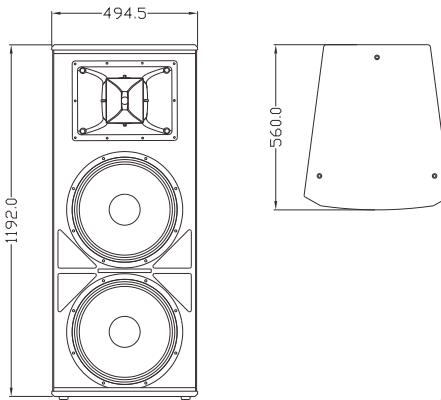
S series S2154

Three-way Loudspeaker System

S2154 is a dual 15" 3-way full range speaker. It uses 2x15" high efficiency woofer, 1x8" high efficiency mid unit, 1x1" exit throat 44mm voice coil HF driver, coaxial horn design. The wood box adopts multilayer composite plywood with special environmental protection paint.

S2154是一款双15"三分音全频音箱。采用2只15"高效率低音单元，1只8寸高效率中音与1"喉口44芯高音驱动器同轴号角设计，箱体采用多层复合夹板，水性环保喷涂制作。

CONFIGURATION



FEATURES

- High quality plywood with special environmental protection paint
- 3-way design
- 8" high efficiency MF driver
- Coaxial horn design
- Used for multi-purpose halls, conference rooms and moving performance

产品特征

- 中高音同轴设计，高声压级输出
- 真正的三分频

适用范围

- 小型流动商演、会议室、多功能厅

MODEL

S2154

FREQUENCY RESPONSE(-3dB)

50Hz-18KHz

FREQUENCY RESPONSE(-10dB)

45Hz-20KHz

DRIVERS

2×15"(385mm)/3"voice coil LF

1×8"(200mm)/2"voice coil MD

1×1"(25mm)/1.7"voice coil HF

800W RMS,3200W peak

99dB 1watt/1meter

128dB continuous,134dB peak

4 ohms nominal

80°×40°

800Hz/2kHz passive

2× Speakon NL4

507mm×500mm×776mm

RATED POWER

51 kg/pc

SENSITIVITY

58 kg/pc

MAXIMUM SPL

IMPEDANCE

DISPERSION(-6dB)

CROSSOVER FREQUENCIES

INPUT CONNECTORS

PACKAGE SIZE

NET WEIGHT

GROSS WEIGHT



S series S115B

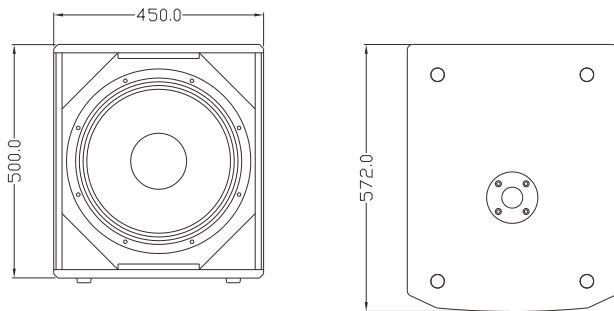
Sub-woofer System



S115B is a single 15" subwoofer. It uses 1x15" 100mm voice coil woofer, bass-reflex design. The wood box adopts multilayer composite plywood with special environmental protection paint.

S115B 是一款单15"超低音箱。采用一只15" 100芯低音单元，倒相式箱体设计，箱体采用多层复合夹板，水性环保喷涂制作。

CONFIGURATION



FEATURES

- High quality plywood with special environmental protection paint
- Bass-relex design
- High temperature resistant 4"(100mm) voice coil
- Top hat fitting for pole mounting
- Used for sub-bass reinforcement

产品特征

- 高品质单元配置，高声压级输出
- 直射倒相式结构相体设计

适用范围

- 配合全频音箱使用，用以提升低频表现
- 会议室、多功能厅
- 酒店娱乐、流动演出

MODEL	S115B
FREQUENCY RESPONSE(-3dB)	40Hz-300Hz
DRIVERS	1×15"(385mm)/4"voice coil LF
RATED POWER	600W RMS,2400W peak
SENSITIVITY	99dB 1watt/1meter
MAXIMUM SPL	127dB continuous,133dB peak
IMPEDANCE	8 ohms nominal
INPUT CONNECTORS	2× Speakon NL4
PACKAGE SIZE	670mm×550mm×605mm
NET WEIGHT	31 kg/pc
GROSS WEIGHT	34 kg/pc



S series S118B

Sub-woofer System

S118B is a single 18" subwoofer. It uses 1x18" 100mm voice coil woofer, bass-reflex design. The wood box adopts multilayer composite plywood with special environmental protection paint.

S118B 是一款单18"超低音箱。采用一只18"100芯低音单元，倒相式箱体设计，箱体采用多层复合夹板，水性环保喷涂制作。

FEATURES

- High quality plywood with special environmental protection paint
- Bass-relex design
- High temperature resistant 4"(100mm) voice coil
- Top hat fitting for pole mounting
- Used for sub-bass reinforcement

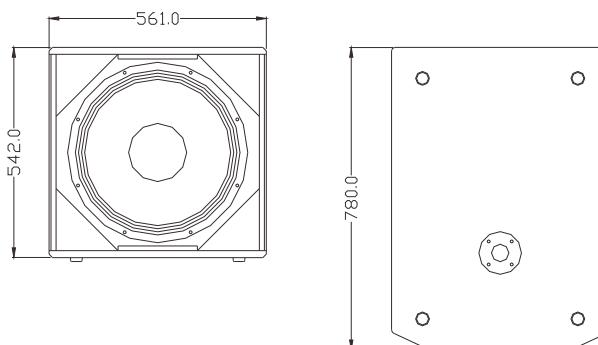
产品特征

- 高品质单元配置，高声压级输出
- 直射倒相式结构相体设计

适用范围

- 配合全频音箱使用，用以提升低频表现
- 会议室、多功能厅
- 酒店娱乐、流动演出

CONFIGURATION



MODEL

S118B

FREQUENCY RESPONSE(-3dB)

35Hz-300Hz

DRIVERS

1×18"(460mm)/4"voice coil LF

RATED POWER

600W RMS,2400W peak

SENSITIVITY

100dB 1watt/1meter

MAXIMUM SPL

128dB continuous,134dB peak

IMPEDANCE

8 ohms nominal

INPUT CONNECTORS

2× Speakon NL4

PACKAGE SIZE

880mm×660mm×655mm

NET WEIGHT

40 kg/pc

GROSS WEIGHT

48 kg/pc



series S218B

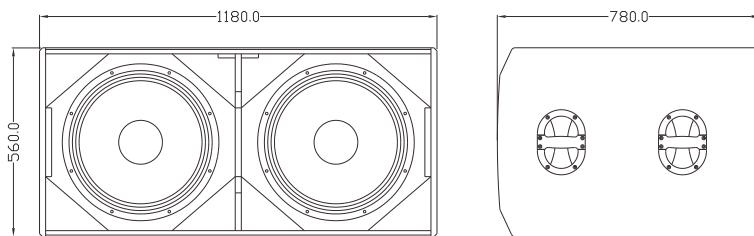
Sub-woofer System



S218B is a dual 18" subwoofer. It uses 2x18" 100mm voice coil woofer, bass-reflex design. The wood box adopts multilayer composite plywood with special environmental protection paint.

S218B 是一款双18"超低音箱。采用两只18"100芯超低音单元，倒相式箱体设计，箱体采用多层复合夹板，水性环保喷涂制作。

CONFIGURATION



MODEL	S218B
FREQUENCY RESPONSE(-3dB)	35Hz-300Hz
DRIVERS	2×18"(460mm)/4"voice coil LF
RATED POWER	1200W RMS,4800W peak
SENSITIVITY	103dB 1watt/1meter
MAXIMUM SPL	134dB continuous,140dB peak
IMPEDANCE	4 ohms nominal
INPUT CONNECTORS	2× Speakon NL4
PACKAGE SIZE	1272mm×872mm×658mm
NET WEIGHT	82 kg/pc
GROSS WEIGHT	90 kg/pc

FEATURES

- High quality plywood with special environmental protection paint
- Bass-relex design
- High temperature resistant 4"(100mm) voice coil
- Top hat fitting for pole mounting
- Used for sub-bass reinforcement

产品特征

- 高品质单元配置，高声压级输出
- 直射倒相式结构相体设计

适用范围

- 配合全频音箱使用，用以提升低频表现
- 会议室、多功能厅
- 酒店娱乐、流动演出

fdb

pro audio

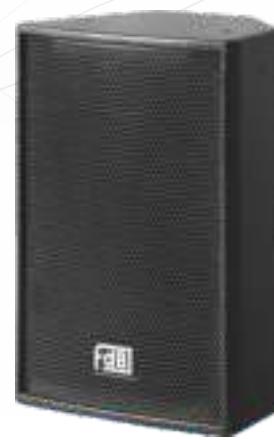
FT series

FT 系列专业音箱



FT series FT8II

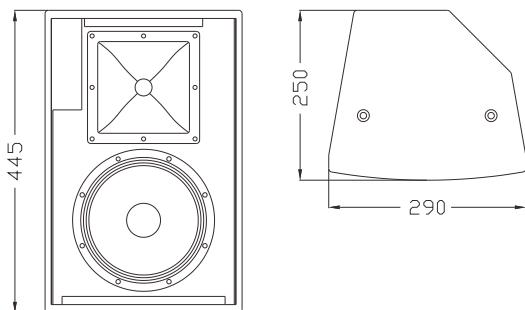
Two-way Loudspeaker System



The **FT8 II** is a 2-way system with one 8" (200mm) woofer and one 1"(25mm) exit compression driver mounted on a rotatable 90°× 50° horn.

FT8 II 是一款8"两分音全音域音箱。采用一只8"高效率低音单元，一只1"喉口25芯高分子聚酯膜高音驱动器配置90° × 50° 可旋转号角，箱体采用高密度复合板，水性环保喷涂制作。

CONFIGURATION



MODEL

FREQUENCY RESPONSE(-3dB)

FREQUENCY RESPONSE(-10dB)

DRIVERS

RATED POWER

SENSITIVITY

MAXIMUM SPL

IMPEDANCE

DISPERSION(-6dB)

CROSSOVER FREQUENCIES

INPUT CONNECTORS

PACKAGE SIZE

NET WEIGHT

GROSS WEIGHT

FEATURES

- High quality MDF with special environmental protection paint
- Ultra-compact two-way system
- Rotatable 90°× 50° horn

产品特征

- 高质量单元配置，高强度复合板箱体
- 体积小、重量轻便于搬运和固定安装
- 多吊挂点与支撑配合，操作简易快捷

适用范围

- 用于全音域扩声、语言扩声会议系统
- 背景音乐重放、学校教室

FT8 II

55Hz-18kHz

50Hz-20kHz

1×8"(200mm)/1.5"voice coil LF

1×1"(25mm)/ 1"voice coil HF

100W RMS,400W peak

92dB 1watt/1 metre

112 dB continuous,118 dB peak

8 ohms nominal

90°× 50°

2.5 kHz passive

2× Speakon NL4

615mm×380mm×535mm(carton/pair)

9 kg/pc

21 kg/pair



FT series FT10II

Two-way Loudspeaker System

The FT10II is a 2-way system with one 10" (250mm) woofer and one 1" (25mm) exit compression driver mounted on a rotatable 90° × 50° horn.

FT10II 是一款10"两分音全音域音箱。采用一只10"高效率低音单元，一只1"喉口25芯高分子聚酯膜高音驱动器配置90° × 50° 可旋转号角，箱体采用高密度复合板，水性环保喷涂制作。

FEATURES

- High quality MDF with special environmental protection paint
- Ultra-compact two-way system
- Rotatable 90° × 50° horn

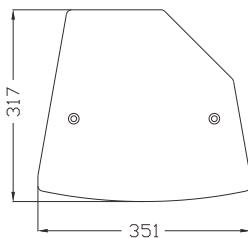
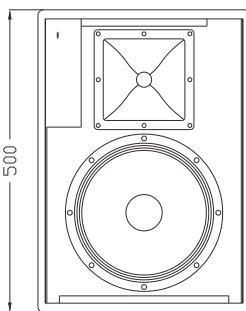
产品特征

- 高质量单元配置，高强度复合板箱体
- 体积小、重量轻便于搬运和固定安装
- 多吊挂点与支撑配合，操作简易快捷

适用范围

- 用于全音域扩声、语言扩声会议系统
- 背景音乐重放、学校教室

CONFIGURATION



MODEL

FT10 II

FREQUENCY RESPONSE(-3dB)

50Hz-18kHz

FREQUENCY RESPONSE(-10dB)

45Hz-20kHz

DRIVERS

1×10"(250mm)/2" voice coil LF

1×1"(25mm)/ 1"voice coil HF

150W RMS,600W peak

95dB 1watt/1 metre

117 dB continuous,123 dB peak

8 ohms nominal

90°×50°

2.2 kHz passive

2×Speakon NL4

440mm×400mm×585mm

RATED POWER

13 kg/pc

SENSITIVITY

15 kg/pc

MAXIMUM SPL



IMPEDANCE

DISPERSION(-6dB)

CROSSOVER FREQUENCIES

INPUT CONNECTORS

PACKAGE SIZE

NET WEIGHT

GROSS WEIGHT

FT series FT12II

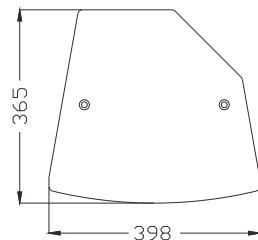
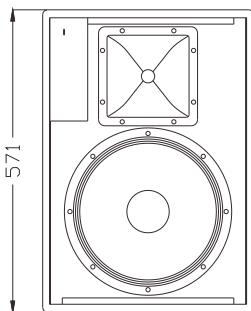
Two-way Loudspeaker System



The **FT12II** is a 2-way system with one 12"(300mm) woofer and one 1"(25mm) exit compression driver mounted on a rotatable 80°×50° horn.

FT12II 是一款12"两分音全音域音箱。采用一只12"高效率低音单元，一只1"喉口34芯钛膜高音驱动器配置80°×50°可旋转号角，箱体采用高密度复合板，水性环保喷涂制作。

CONFIGURATION



MODEL

FREQUENCY RESPONSE(-3dB)

FREQUENCY RESPONSE(-10dB)

DRIVERS

RATED POWER

SENSITIVITY

MAXIMUM SPL

IMPEDANCE

DISPERSION(-6dB)

CROSSOVER FREQUENCIES

INPUT CONNECTORS

PACKAGE SIZE

NET WEIGHT

GROSS WEIGHT

FEATURES

- High quality MDF with special environmental protection paint
- Ultra-compact two-way system
- Rotatable 80°×50°horn

产品特征

- 优化单元配置，高强度复合板箱体，性价比极高
- 多吊挂点与支撑配合，操作简易快捷

适用范围

- 用于全音域扩声、语言会议系统
- 多功能厅、高级酒店会所、学校教室
- 小型室外扩声

FT12II

45Hz-20kHz

40Hz-20kHz

1×12"(300mm)/2.5" voice coil LF

1×1"(25mm)/ 1.4"voice coil HF

250W RMS,1000W peak

96dB 1watt/1 metre

120 dB continuous,126 dB peak

8 ohms nominal

80°×50°

2.2 kHz passive

2×Speakon NL4

490mm×455mm×665mm

19 kg/pc

21 kg/pc



FT series FT15II

Two-way Loudspeaker System

The FT15II is a 2-way system with one 15"(385mm) woofer and one 1"(25mm) exit compression driver mounted on a rotatable 80°×50° horn.

FT15II 是一款15"两分音全音域音箱。采用一只15"高效率低音单元，一只1"喉口34芯钛膜高音驱动器配置80° × 50° 可旋转号角，箱体采用高密度复合板，水性环保喷涂制作。

FEATURES

- High quality MDF with special environmental protection paint
- Wide-bandwidth system
- Rotatable 80°×50° horn

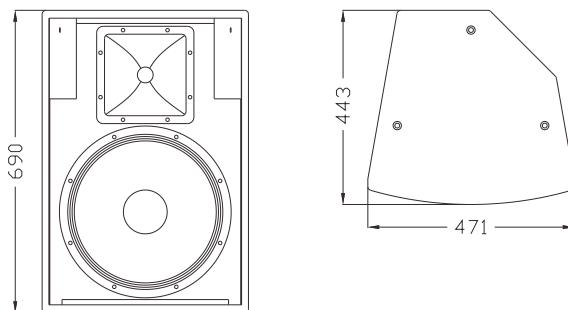
产品特征

- 优化单元配置，高强度复合板箱体，性价比极高
- 多吊挂点与支撑配合，操作简易快捷

适用范围

- 用于全音域扩声、语言会议系统
- 多功能厅、高级酒店会所、学校教室
- 小型室外扩声

CONFIGURATION



MODEL

FT15 II

FREQUENCY RESPONSE(-3dB)

40Hz-20kHz

FREQUENCY RESPONSE(-10dB)

35Hz-20kHz

DRIVERS

1×15"(385mm)/2.5" voice coil LF

RATED POWER

1×1"(25mm)/ 1.4"voice coil HF

SENSITIVITY

300W RMS,1200W peak

MAXIMUM SPL

97dB 1watt/1 metre

IMPEDANCE

122 dB continuous,128 dB peak

DISPERSION(-6dB)

8 ohms nominal

CROSSOVER FREQUENCIES

80°×50°

INPUT CONNECTORS

2kHz passive

PACKAGE SIZE

2×Speakon NL4

NET WEIGHT

565mm×545mm×795mm

GROSS WEIGHT

27 kg/pc

30 kg/pc



FT series FT215II

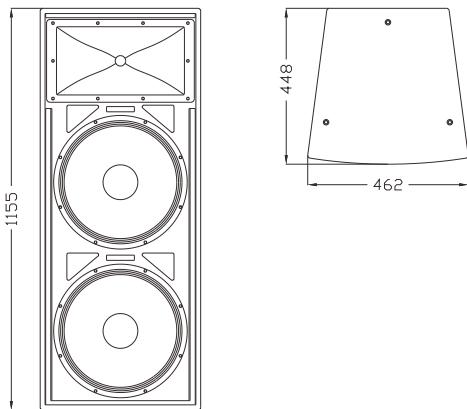
Two-way Loudspeaker System

The **FT215II** is a 2-way system with two 15"(385mm) woofer and one 1"(25mm) exit compression driver mounted on a special 100°× 50° horn.

FT215II 是一款双15"两分音全音域音箱。采用两只15"高效率低音单元，一只1"喉口44芯高分子聚酯膜高音驱动器配置专门设计的号角，箱体采用高密度复合板，水性环保喷涂制作。



CONFIGURATION



MODEL

FT215 II

FREQUENCY RESPONSE(-3dB)

40Hz-20kHz

FREQUENCY RESPONSE(-10dB)

35Hz-20kHz

DRIVERS

2×15"(385mm)/3" voice coil LF

1×1"(25mm)/ 1.7"voice coil HF

700W RMS,2800W peak

100dB 1watt/1 metre

128 dB continuous,134 dB peak

4 ohms nominal

100°×50°

2.2 kHz passive

2×Speakon NL4

565mm×555mm×1270mm

41 kg/pc

47 kg/pc

FEATURES

- High quality MDF with special environmental protection paint
- Very high SPL from a full range passive enclosure
- 100°×50° plastic horn

产品特征

- 优化单元配置，高强度复合板箱体，性价比极高
- 多吊挂点，操作简易快捷

适用范围

- 用于全音域扩声、语言会议系统
- 多功能厅、高级酒店会所
- 小型室外扩声



pro audio



FT series FT2153II

Two-way Loudspeaker System

The FT2153II is a 2-way system with two 15"(385mm) woofer and one 1"(25mm) exit compression driver mounted on a special 100°× 50° horn.

FT2153II 是一款双15"两分音全音域音箱。采用两只15"高效率低音单元，一只1"喉口44芯高分子聚酯膜高音驱动器配置专门设计的号角，箱体采用高密度复合板，水性环保喷涂制作。

FEATURES

- High quality MDF with special environmental protection paint
- Very high SPL from a full range passive enclosure
- 100° × 50° plastic horn
- Mid-high frequency's sensitivity can be adjusted

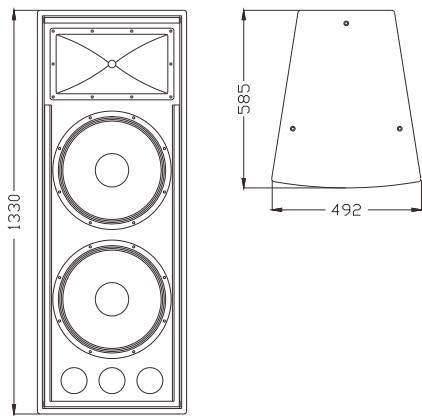
产品特征

- 中高音灵敏度可调
- 优化单元配置，高强度复合板箱体，性价比极高
- 多吊挂点，操作简易快捷

适用范围

- 用于全音域扩声、语言会议系统
- 多功能厅、高级酒店会所
- 小型室外扩声

CONFIGURATION



MODEL

FT2153 II

FREQUENCY RESPONSE(-3dB)

40Hz-20kHz

FREQUENCY RESPONSE(-10dB)

35Hz-20kHz

DRIVERS

2×15"(385mm)/3" voice coil LF

1×1"(25mm)/ 1.7"voice coil HF

800W RMS,3200W peak

100dB 1watt/1 metre

129 dB continuous,135 dB peak

4 ohms nominal

100°×50°

2.2 kHz passive

2×Speakon NL4

705mm×615mm×1460mm

RATED POWER

57 kg/pc

SENSITIVITY

69 kg/pc

MAXIMUM SPL

IMPEDANCE

DISPERSION(-6dB)

CROSSOVER FREQUENCIES

INPUT CONNECTORS

PACKAGE SIZE

NET WEIGHT

GROSS WEIGHT



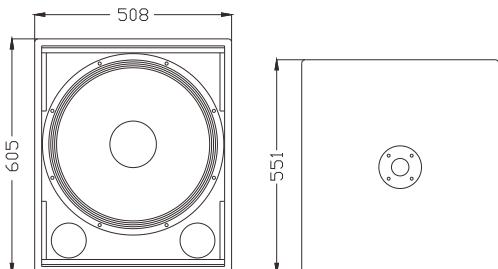
FT series FT118B II

Sub-woofer System

The FT118B II is a single 18" low frequency enclosure designed for sub-bass reinforcement to FT compact series two-way enclosures in a wide variety of fixed installation.

FT118B II 是一款单18"超低音箱。采用一只18" 75芯高效率低音单元，倒相式箱体设计，箱体采用高密度复合板，水性环保喷涂制作。

CONFIGURATION



MODEL	FT118B II
FREQUENCY RESPONSE(-3dB)	35Hz-200Hz
DRIVERS	1×18"(460mm)/3"voice coil LF
RATED POWER	400W RMS,1600W peak
SENSITIVITY	99dB 1watt/1 metre
MAXIMUM SPL	125 dB continuous,131 dB peak
IMPEDANCE	8 ohms nominal
INPUT CONNECTORS	2×Speakon NL4
PACKAGE SIZE	655mm×615mm×715mm
NET WEIGHT	34 kg/pc
GROSS WEIGHT	39 kg/pc



FEATURES

- High quality MDF with special environmental protection paint
- Bass reflex design
- Direct radiating 18" (460mm)sub-woofer
- High temperature 3" (75mm) voice coil
- Top hat fitting for pole mounting to FT10 II /FT12 II

产品特征

- 高质量单元配置，高强度复合板箱体
- 倒相式设计，低音强劲

适用范围

- 用于有超低音重放需求的高级卡拉OK包房
- 多功能厅、高级酒店会所



FT series FT218BII

Sub-woofer System

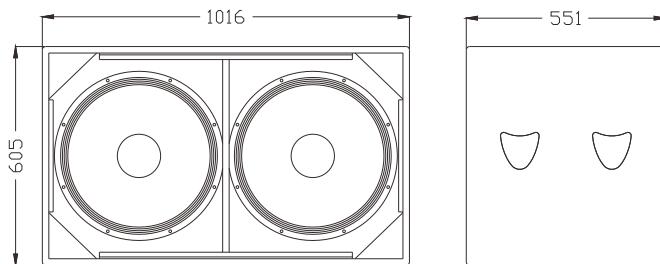
The FT218BII provides deep and punchy bass suitable for all club applications as part of the FT compact system.

FEATURES

- High quality MDF with special environmental protection paint
- Bass reflex design
- High temperature 3"(75mm) voice coil

FT218BII 是一款双18"超低音箱。采用两只18" 75芯高效率低音单元，倒相式箱体设计，箱体采用高密度复合板，水性环保喷涂制作。

CONFIGURATION



产品特征

- 高质量单元配置，高强度复合板箱体
- 倒相式设计，低音浑厚自然

适用范围

- 用于有超低音重放需求的高级卡拉OK包房
- 多功能厅、高级酒店会所

MODEL

FT218B II

FREQUENCY RESPONSE(-3dB)

35Hz-200Hz

DRIVERS

2×18"(460mm)/3"voice coil LF

RATED POWER

800W RMS,2400W peak

SENSITIVITY

101dB 1watt/1 metre

MAXIMUM SPL

130 dB continuous,136 dB peak

IMPEDANCE

4 ohms nominal

INPUT CONNECTORS

2×Speakon NL4

PACKAGE SIZE

1125mm×670mm×700mm

NET WEIGHT

62 kg/pc

GROSS WEIGHT

66 kg/pc





pro audio



LTseries

LT 系列中远程音箱



LT208 LTseries LT208T

Two-way Loudspeaker System

The **LT208** is a compact, 8" coaxial-driver,2-way,highly weather-resistant, full range loudspeaker with high SPL, the body is made of engineering plastic injection molding. The system conforms to IP56 international standard.LT208T is equipped with multi-tap transformer based on LT208.

LT208是一款8寸同轴两分音全天候音箱，箱体设计优先考虑全天候使用环境和高声压输出，采用8"中低音与高音驱动器同轴喇叭，中低音与高音全部采用号角负载设计，箱体采用工程塑胶注塑而成。LT208T是在LT208的基础上配置多种输出功率选择功能的定压音箱。产品符合IP56国际标准。

FEATURES

- Highly weather-resistant IP56 rating
- Engineering plastic injection molding
- High SPL
- Horn loaded design for coaxial components
- Good used for sports facilities, stadiums, water parks,outdoor background music, swimming pools and a wide variety of other outdoor venue types.

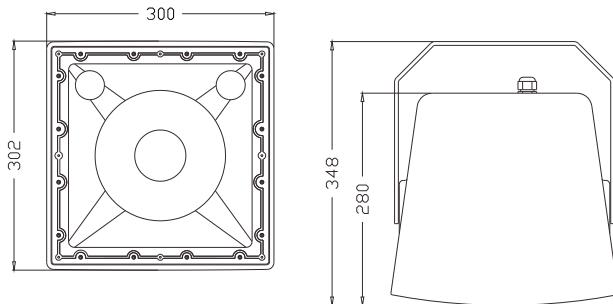
产品特征

- 高质量单元配置，工程塑胶箱体
- 号角负载设计，高音压级输出
- 单元隐藏式安装，适应全天候使用

适用范围

- 用于中远程语言扩声
- 广场、主题公园、景区扩声

CONFIGURATION



MODEL

FREQUENCY RESPONSE(-3dB)

FREQUENCY RESPONSE(-10dB)

DRIVERS

INPUT VOLTAGE

RATED POWER

SENSITIVITY

MAXIMUM SPL

IMPEDANCE

DISPERSION(-6dB)

CROSSOVER FREQUENCIES

INPUT CONNECTORS

PACKAGE SIZE

NET WEIGHT

GROSS WEIGHT

LT208

80Hz-18kHz

75Hz-20kHz

1×8"(200mm)/2" voice coil LF

1×1"(25mm)/1.4"voice coil HF

150W RMS,600W peak

96dB 1watt/1 metre

118dB continuous,124dB peak

8 ohms nominal

80°×80°

2.5kHz passive

covered barrier strip terminals

362mm×332mm×347mm

10 kg/pc

12 kg/pc

LT208T

80Hz-18kHz

75Hz-20kHz

1×8"(200mm)/2" voice coil LF

1×1"(25mm)/1.4"voice coil HF

100V

37.5W/75W/150W/OFF/8Ω

96dB 1watt/1 metre

118dB continuous,124dB peak

8 ohms nominal

80°×80°

2.5kHz passive

covered barrier strip terminals

362mm×332mm×347mm

11 kg/pc

13 kg/pc

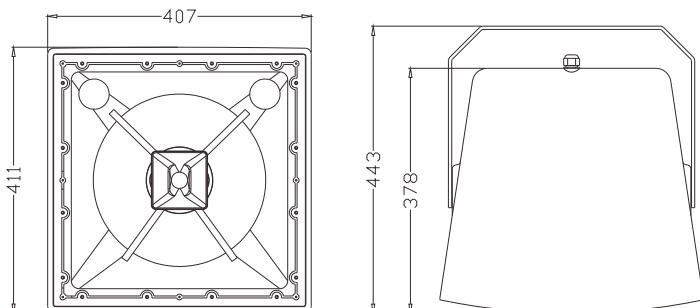
LTseries LT212 LT212T

Two-way Loudspeaker System

The **LT212** is a compact, 12" coaxial-driver, 2-way, highly weather-resistant full range loudspeaker with high SPL, the body is made of engineering plastic injection molding. The system conforms to IP56 international standard. LT212T is equipped with multi-tap transformer based on LT212.

LT212是一款12寸同轴两分音全天候音箱，箱体设计优先考虑全天候使用环境和高声压输出，采用12"中低音与高音驱动器同轴喇叭，中低音与高音全部采用号角负载设计，箱体采用工程塑胶注塑而成。LT212T是在LT212的基础上配置多种输出功率选择功能的定压音箱。产品符合IP56国际标准。

CONFIGURATION



FEATURES

- Highly weather-resistant IP56 rating
- Engineering plastic injection molding
- High SPL
- Horn loaded design for coaxial components
- Good used for sports facilities, stadiums, water parks, outdoor background music, swimming pools and a wide variety of other outdoor venue types.

产品特征

- 高质量单元配置，工程塑胶箱体
- 号角负载设计，高音压级输出
- 单元隐藏式安装，适应全天候使用

适用范围

- 用于中远程语言扩声
- 广场、主题公园、景区扩声

MODEL	LT212	LT212T
FREQUENCY RESPONSE(-3dB)	55Hz-18kHz	55Hz-18kHz
FREQUENCY RESPONSE(-10dB)	50Hz-20kHz	50Hz-20kHz
DRIVERS	1×12"(300mm)/3"voice coil LF 1×1"(25mm)/1.7"voice coil HF	1×12"(300mm)/3"voice coil LF 1×1"(25mm)/1.7"voice coil HF
INPUT VOLTAGE	300W RMS,1200W peak	100V
RATED POWER	50W/100W/200W/OFF/8Ω 300W	
SENSITIVITY	98dB 1watt/1 metre	98dB 1watt/1 metre
MAXIMUM SPL	123dB continuous,129dB peak	123dB continuous,129dB peak
IMPEDANCE	8 ohms nominal	8 ohms nominal
DISPERSION(-6dB)	70°×50°	70°×50°
CROSSOVER FREQUENCIES	2.2kHz passive	2.2kHz passive
INPUT CONNECTORS	covered barrier strip terminals	covered barrier strip terminals
PACKAGE SIZE	472mm×442mm×480mm	472mm×442mm×480mm
NET WEIGHT	18 kg/pc	20 kg/pc
GROSS WEIGHT	20 kg/pc	22 kg/pc



LT215 LTseries LT215T

Two-way Loudspeaker System

The LT215 is a compact, 15" LF driver and 1.4" exit HF driver, 2-way, highly weather-resistant full range loudspeaker with high SPL, the body is made of engineering plastic injection molding. The system conforms to IP56 international standard. LT215T is equipped with multi-tap transformer based on LT215.

LT215是一款15寸两分音全天候音箱，箱体设计优先考虑全天候使用环境和高声压输出，采用一只15"中低音单元，一只1.4"喉口75芯钛膜高音驱动器，中低音与高音全部采用号角负载设计，箱体采用工程塑胶注塑而成。LT215T是在LT215的基础上配置多种输出功率选择功能的定压音箱。产品满足IP56国际标准。

FEATURES

- Highly weather-resistant IP56 rating
- Engineering plastic injection molding
- High SPL
- Horn loaded design for HF driver and LF driver
- Good used for sports facilities, stadiums, water parks, and a wide variety of other outdoor venue types.

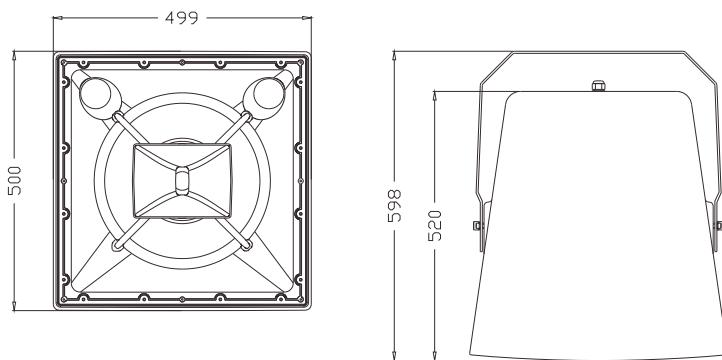
产品特征

- 高质量单元配置，工程塑胶箱体
- 号角负载设计，高音压级输出
- 单元隐藏式安装，适应全天候使用

适用范围

- 用于中远程语言扩声
- 广场、主题公园、景区扩声

CONFIGURATION



MODEL

FREQUENCY RESPONSE(-3dB)

FREQUENCY RESPONSE(-10dB)

DRIVERS

INPUT VOLTAGE

RATED POWER

SENSITIVITY

MAXIMUM SPL

IMPEDANCE

DISPERSION(-6dB)

CROSSOVER FREQUENCIES

INPUT CONNECTORS

PACKAGE SIZE

NET WEIGHT

GROSS WEIGHT

LT215

50Hz-18kHz

45Hz-20kHz

1×15"(385mm)/3"voice coil LF

1×1.4"(36mm)/3"voice coil HF

400W RMS,1600W peak

103dB 1watt/1 metre

129dB continuous,135dB peak

8 ohms nominal

60°×40°

1.5kHz passive

covered barrier strip terminals

610mm×545mm×595mm

28.5 kg/pc

31.5 kg/pc

LT215T

50Hz-18kHz

45Hz-20kHz

1×15"(385mm)/3"voice coil LF

1×1.4"(36mm)/3"voice coil HF

100V

75W/150W/300W/OFF/8Ω 400W

103dB 1watt/1 metre

129dB continuous,135dB peak

8 ohms nominal

60°×40°

1.5kHz passive

covered barrier strip terminals

610mm×545mm×595mm

31 kg/pc

34 kg/pc

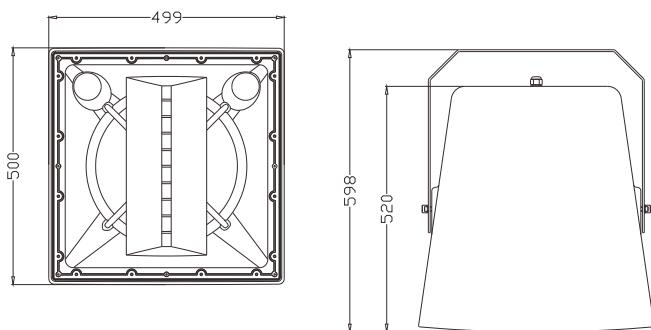
LTseries LT215L LT215LT

Two-way Loudspeaker System

The LT215L is a compact, 15" LF driver and 1.4" exit HF driver, 2-way, highly weather-resistant line array loudspeaker with high SPL, the body is made of engineering plastic injection molding. The system conforms to IP56 international standard. LT215LT is equipped with multi-tap transformer based on LT215L.

LT215L是一款15寸两分音全天候线性阵列音箱，箱体产设计优先考虑全天候使用环境和高声压输出，采用一只15"中低音单元，一只声透镜号角配置一只1.4"喉口75芯钛膜高音驱动器，中低音与高音全部采用号角负载设计，箱体采用工程塑胶注塑而成。LT215LT是在LT215L的基础上配置多种输出功率选择功能的定压音箱。产品满足IP56国际标准。

CONFIGURATION



FEATURES

- Highly weather-resistant IP56 rating
- Engineering plastic injection molding
- High SPL
- Horn loaded design for HF driver and LF driver
- Good used for sports facilities, stadiums, water parks, and a wide variety of other outdoor venue types.

产品特征

- 高质量单元配置，工程塑胶箱体
- 号角负载设计，高音压级输出
- 单元隐藏式安装，适应全天候使用

适用范围

- 用于中远程语言扩声
- 广场、主题公园、景区扩声

MODEL	LT215L	LT215LT
FREQUENCY RESPONSE(-3dB)	50Hz-18kHz	50Hz-18kHz
FREQUENCY RESPONSE(-10dB)	45Hz-20kHz	45Hz-20kHz
DRIVERS	1×15"(385mm)/3"voice coil LF 1×1.4"(36mm)/3"voice coil HF	1×15"(385mm)/3"voice coil LF 1×1.4"(36mm)/3"voice coil HF
INPUT VOLTAGE	400W RMS,1600W peak	100V
RATED POWER	75W/150W/300W/OFF/8Ω 400W	
SENSITIVITY	103dB 1watt/1 metre	103dB 1watt/1 metre
MAXIMUM SPL	129dB continuous,135dB peak	129dB continuous,135dB peak
IMPEDANCE	8 ohms nominal	8 ohms nominal
DISPERSION(-6dB)	60°×25°	60°×25°
CROSSOVER FREQUENCIES	1.5kHz passive	1.5kHz passive
INPUT CONNECTORS	covered barrier strip terminals	covered barrier strip terminals
PACKAGE SIZE	610mm×545mm×595mm	610mm×545mm×595mm
NET WEIGHT	29 kg/pc	31.5 kg/pc
GROSS WEIGHT	32 kg/pc	34.5 kg/pc



LTseries LT115B LT115BT

Sub-woofer System

LT115B is a compact, 15" LF driver, bass-reflex design, highly weather-resistant subwoofer, sub-bass reinforcement to LT series, the body is made of engineering plastic injection molding. LT115BT is equipped with multi-tap transformer based on LT115B.

LT115B is a compact, 15" LF driver, bass-reflex design, highly weather-resistant subwoofer, sub-bass reinforcement to LT series, the body is made of engineering plastic injection molding. LT115BT is equipped with multi-tap transformer based on LT115B.

FEATURES

- Highly weather-resistant IP56 rating
- Engineering plastic injection molding
- Bass reflex design
- Good used for sports facilities, stadiums, water parks, and a wide variety of other outdoor venue types.

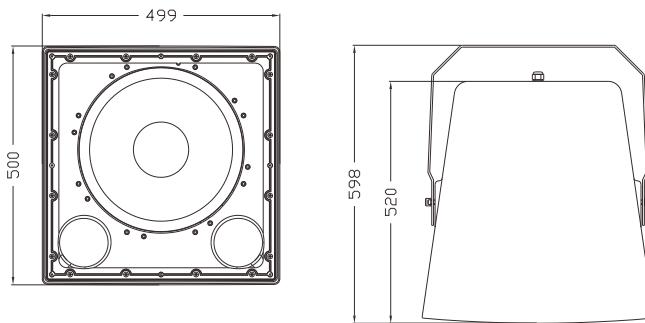
产品特征

- 高质量单元配置，工程塑胶箱体
- 倒相式设计，低音强劲自然
- 适应全气候使用

适用范围

- 配合LT208/LT212/LT215使用
- 广场、主题公园、景区扩声

CONFIGURATION



MODEL	LT115B	LT115BT
FREQUENCY RESPONSE(-3dB)	45Hz-300Hz	45Hz-300Hz
DRIVERS	1×15"(385mm)/3"voice coil LF	1×15"(385mm)/3"voice coil LF
INPUT VOLTAGE	--	100V
RATED POWER	400W RMS,1600W peak	75W/150W/300W/OFF/8Ω 400W
SENSITIVITY	98dB 1watt/1 metre	98dB 1watt/1 metre
MAXIMUM SPL	124dB continuous,130dB peak	124dB continuous,130dB peak
IMPEDANCE	8 ohms nominal	8 ohms nominal
DISPERSION(-6dB)	--	--
CROSSOVER FREQUENCIES	--	--
INPUT CONNECTORS	covered barrier strip terminals	covered barrier strip terminals
PACKAGE SIZE	610mm×545mm×595mm	610mm×545mm×595mm
NET WEIGHT	22 kg/pc	24.5 kg/pc
GROSS WEIGHT	25 kg/pc	27.5 kg/pc



ES series

多功能工程音箱

pro audio





pro audio



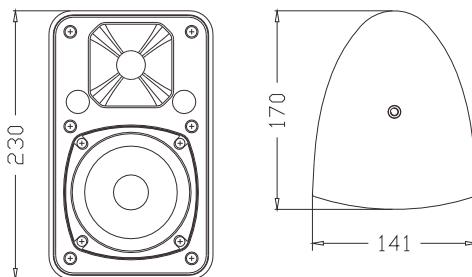
ES series ES104

Two-way Loudspeaker System

The **ES104** is a highly weather-resistant, single 4" 2-way full range loudspeaker, the body is made of engineering plastic injection molding, fitted with one 4" mid-woofer and one 0.8" dome tweeter. The system conforms to IP46 international standard. ES104T is equipped with multi-tap transformer based on ES104.

ES104是一款4"两分音系列音箱。箱体设计优先考虑全天候使用环境，采用工程塑胶注塑而成，一只4寸中低音单元和一只20芯球顶高音配置。带T的产品配置多种输出功率选择功能的定压音箱。产品符合IP46国际标准。

CONFIGURATION



FEATURES

- Highly weather-resistant IP46 rating
- Engineering plastic injection molding
- Two kinds of mounting brackets
- Good used for meeting rooms, shops, water parks, outdoor background music, swimming pools, and a wide variety of other outdoor or indoor background music

产品特征

- 采用工程塑胶注塑而成

适用范围

- 用于分散扩声
- 会议室
- 主题公园、景区扩声

MODEL	ES104B/ES104W
FREQUENCY RESPONSE(-3dB)	75Hz-20kHz
FREQUENCY RESPONSE(-10dB)	70Hz-20kHz
DRIVERS	1×4"(100mm)/1"voice coil LF 1×0.8"(20mm)/dome tweeter
INPUT VOLTAGE	40W RMS,160W peak
RATED POWER	88dB 1watt/1 metre
SENSITIVITY	104dB continuous,110dB peak
MAXIMUM SPL	16 ohms nominal
IMPEDANCE	120°×90°
DISPERSION(-6dB)	3.5kHz passive
CROSSOVER FREQUENCIES	covered barrier strip terminals
INPUT CONNECTORS	414mm×190mm×285mm(1Pair)
PACKAGE SIZE	2 kg/pc
NET WEIGHT	6 kg/pair
GROSS WEIGHT	

MODEL	ES104BT/ES104WT
FREQUENCY RESPONSE(-3dB)	75Hz-20kHz
FREQUENCY RESPONSE(-10dB)	70Hz-20kHz
DRIVERS	1×4"(100mm)/1"voice coil LF 1×0.8"(20mm)/dome tweeter
INPUT VOLTAGE	100V
RATED POWER	10W/20W/40W/OFF/16Ω
SENSITIVITY	88dB 1watt/1 metre
MAXIMUM SPL	104dB continuous,110dB peak
IMPEDANCE	16 ohms nominal
DISPERSION(-6dB)	120°×90°
CROSSOVER FREQUENCIES	3.5kHz passive
INPUT CONNECTORS	covered barrier strip terminals
PACKAGE SIZE	414mm×190mm×285mm(1Pair)
NET WEIGHT	3 kg/pc
GROSS WEIGHT	7 kg/pair

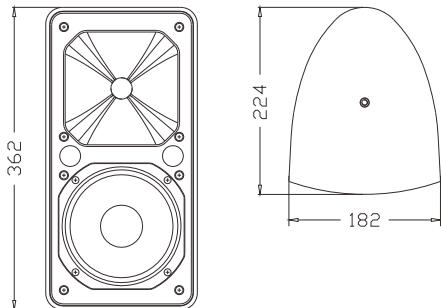
ES series ES106

Two-way Loudspeaker System

The **ES106** is a highly weather-resistant, single 6" 2-way full range loudspeaker, the body is made of engineering plastic injection molding. fitted with one 6" mid-woofer and one 1" HF driver. The system conforms to IP46 international standard. ES106T is equipped with multi-tap transformer based on ES106.

ES106是一款6"两分音系列音箱。箱体设计优先考虑全天候使用环境，采用工程塑胶注塑而成，一只6寸中低音单元和一只25芯高音驱动器。带T的产品配置多种输出功率选择功能的定压音箱。产品符合IP46国际标准。

CONFIGURATION



FEATURES

- Highly weather-resistant IP46 rating
- Engineering plastic injection molding
- Two kinds of mounting brackets
- Good used for meeting rooms, shops, water parks, outdoor background music, swimming pools, and a wide variety of other outdoor or indoor background music

产品特征

- 采用工程塑胶注塑而成

适用范围

- 用会议室多功能厅
- 主题公园、景区扩声

MODEL	ES106B/ES106W	ES106BT/ES106WT
FREQUENCY RESPONSE(-3dB)	60Hz-18kHz	60Hz-18kHz
FREQUENCY RESPONSE(-10dB)	55Hz-20kHz	55Hz-20kHz
DRIVERS	1×6"(150mm)/1.5"voice coil LF 1×1"(25mm)/1"voice coil HF	1×6"(150mm)/1.5"voice coil LF 1×1"(25mm)/1"voice coil HF
INPUT VOLTAGE	80W RMS,320W peak	100V
RATED POWER	89dB 1watt/1 metre	20W/40W/80W/OFF/16Ω
SENSITIVITY	108dB continuous,114dB peak	89dB 1watt/1 metre
MAXIMUM SPL	16 ohms nominal	108dB continuous,114dB peak
IMPEDANCE	90°×60°	16 ohms nominal
DISPERSION(-6dB)	2.4kHz passive	90°×60°
CROSSOVER FREQUENCIES	covered barrier strip terminals	2.4kHz passive
INPUT CONNECTORS	528mm×222mm×407mm(1 pair)	covered barrier strip terminals
PACKAGE SIZE	5 kg/pc	528mm×222mm×407mm(1 pair)
NET WEIGHT	15 kg/pair	6 kg/pc
GROSS WEIGHT		16 kg/pair



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ES series ES108

Two-way Loudspeaker System

The **ES108** is a highly weather-resistant, single 8" 2-way full range loudspeaker, the body is made of engineering plastic injection molding. fitted with one 8" mid-woofer and one 1" HF driver. The system conforms to IP46 international standard. ES108T is equipped with multi-tap transformer based on ES108.

FEATURES

- Highly weather-resistant IP46 rating
- Engineering plastic injection molding
- Two kinds of mounting brackets
- Good used for meeting rooms, shops, water parks, outdoor background music, swimming pools, and a wide variety of other outdoor or indoor background music

产品特征

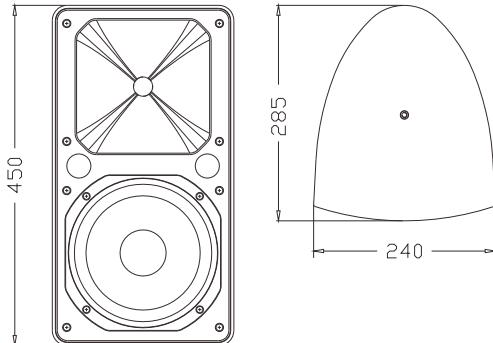
- 采用工程塑胶注塑而成

适用范围

- 用会议室多功能厅
- 主题公园、景区扩声

ES108是一款8"两分音系列音箱。箱体设计优先考虑全天候使用环境，采用工程塑胶注塑而成，一只8寸中低音单元和一只25芯高音驱动器。带T的产品配置多种输出功率选择功能的定压音箱。产品符合IP46国际标准。

CONFIGURATION



MODEL

ES108B/ES108W

FREQUENCY RESPONSE(-3dB)

60Hz-18kHz

DRIVERS

55Hz-20kHz

INPUT VOLTAGE

1×8"(200mm)/2"voice coil LF

RATED POWER

1×1"(25mm)/1"voice coil HF

SENSITIVITY

150W RMS,600W peak

MAXIMUM SPL

94dB 1watt/1 metre

IMPEDANCE

116dB continuous,122dB peak

DISPERSION(-6dB)

16 ohms nominal

CROSSOVER FREQUENCIES

90°×50°

INPUT CONNECTORS

2.3kHz passive

PACKAGE SIZE

covered barrier strip terminals

NET WEIGHT

352mm×292mm×495mm

GROSS WEIGHT

9 kg/pc

11 kg/pc

ES108BT/ES108WT

60Hz-18kHz

55Hz-20kHz

1×8"(200mm)/2"voice coil LF

1×1"(25mm)/1"voice coil HF

100V

37.5W/75W/150W/OFF/16Ω

94dB 1watt/1 metre

116dB continuous,122dB peak

16 ohms nominal

90°×50°

2.3kHz passive

covered barrier strip terminals

352mm×292mm×495mm

10 kg/pc

12 kg/pc



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ES110S ES series ES110SA

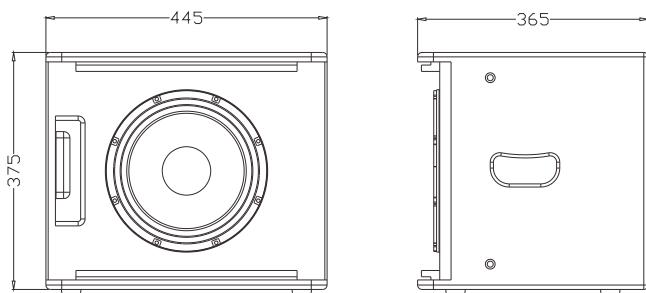
Sub-woofer System

The **ES110S** is a single 10" subwoofer designed for sub-bass reinforcement to ES series, made of high quality plywood. ES110SA is equipped with BA1.3 digital amplifier module based on ES110S to be an active subwoofer.

ES110S是一款10"超低音箱。箱体采用倒相式设计，配置一只10" 50芯低音单元，箱体采用多层复合夹板，水性漆喷涂。ES110SA是在ES110S的基础上配置BA1.3功放组件成为有源超低音箱。



CONFIGURATION



FEATURES

- High quality plywood with special environmental protection paint
- Bass reflex design
- High temperature 2" (50mm) voice coil

产品特征

- 高质量单元配置，耐候夹板箱体
- 倒相式设计，低音强劲自然

适用范围

- 配合ES系列全频音箱使用

MODEL	ES110S
FREQUENCY RESPONSE(-3dB)	45Hz-300KHz
DRIVERS	1×10"(250mm)/2"voice coil LF
RATED POWER	150W RMS,600W peak
SENSITIVITY	94dB 1watt/1 metre
MAXIMUM SPL	116dB continuous,122dB peak
IMPEDANCE	8 ohms nominal
DISPERSION(-6dB)	—
CROSSOVER FREQUENCIES	—
INPUT CONNECTORS	Terminal Clamp
PACKAGE SIZE	535mm×455mm×470mm
NET WEIGHT	13 kg/pc
GROSS WEIGHT	15 kg/pc

ES110S	45Hz-300KHz
ES110SA	45Hz-300KHz
	1×10"(250mm)/2"voice coil LF
	300W/8Ω
	—
	116dB continuous,122dB peak
	—
	—
	INPUT TYPE: Balanced Differential line
	535mm×455mm×470mm
	15 kg/pc
	17 kg/pc



pro audio



ES112S ES series ES112SA

Sub-woofer System

The **ES112S** is a single 12" subwoofer designed for sub-bass reinforcement to ES series, made of high quality plywood. ES112SA is equipped with BA1.6 digital amplifier module based on ES112S to be an active subwoofer.

ES112S 是一款12"超低音箱。箱体采用倒相式设计，配置一只12"75芯低音单元，箱体采用多层复合夹板，水性漆喷涂。ES112SA是在ES112S的基础上配置BA1.6功放组件成为有源超低音箱。



FEATURES

- High quality plywood with special environmental protection paint
- Bass reflex design
- High temperature 3" (75mm) voice coil

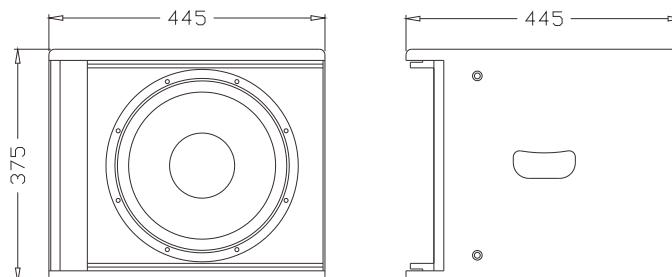
产品特征

- 高质量单元配置，耐候夹板箱体
- 倒相式设计，低音强劲自然

适用范围

- 配合ES系列全频音箱使用

CONFIGURATION



MODEL	ES112S
FREQUENCY RESPONSE(-3dB)	40Hz-300Hz
DRIVERS	1×12"(300mm)/3""voice coil LF
RATED POWER	350W RMS,1400W peak
SENSITIVITY	96dB 1watt/1 metre
MAXIMUM SPL	121dB continuous,127 dB peal
IMPEDANCE	8 ohms nominal
DISPERSION(-6dB)	—
CROSSOVER FREQUENCIES	—
INPUT CONNECTORS	Terminal Clamp
PACKAGE SIZE	607mm×525mm×475mm
NET WEIGHT	23 kg/pc
GROSS WEIGHT	25 kg/pc

ES112S	40Hz-300Hz
ES112SA	40Hz-300Hz
	1×12"(300mm)/3""voice coil LF
	600W/8Ω
	—
	—
	—
	INPUT TYPE: Balanced Differential line
	607mm×525mm×475mm
	25 kg/pc
	27 kg/pc

KH series

娱乐音箱系列



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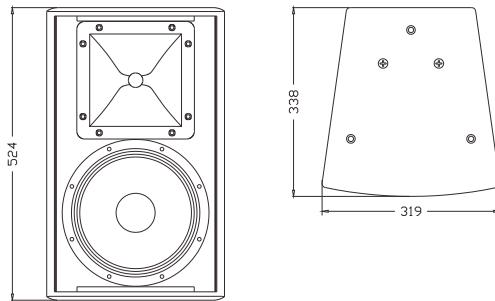
KH series KH10II

Two-way Loudspeaker System

The KH10 II is a two-way full-range loudspeaker designed for KTV rooms, made of high quality plywood, back vented design. Fitted with one 10" woofer and one 1" exit compression driver coupled to a rotatable horn.

KH10 II 是一款专门为KTV固定安装使用而设计的10"两分音全音域音箱。箱体采用经典的后倒相式设计，采用一只10"高效率低音单元,一只1"喉口44芯高音驱动器配置特别设计的可旋转号角，箱体采用多层复合夹板，水性漆喷涂。KH10 II 不仅具备极佳的歌唱表现力，而且在音乐听感方面也表现非凡。

CONFIGURATION



FEATURES

- High quality plywood with special environmental protection paint
- More full sub with back vented design
- Rotatable horn
- Flexible mounting options
- Good used for KTV and entertainment venues

产品特征

- 高品质单元配置，多层复合夹板箱体
- 可旋转号角、多个吊挂点，满足不同安装需求
- 后倒相设计低音更加丰满

适用范围

- KTV等娱乐场所

MODEL

KH10 II

FREQUENCY RESPONSE(-3dB)

55Hz-18kHz

FREQUENCY RESPONSE(-10dB)

50Hz-20kHz

DRIVERS

1×10"(250mm)/2.5"voice coil LF

1×1"(25mm)/1.7"voice coil HF

RATED POWER

250W RMS,1000W peak

SENSITIVITY

96dB 1watt/1 metre

MAXIMUM SPL

120dB continuous,126dB peak

IMPEDANCE

6 ohms nominal

DISPERSION(-6dB)

100°×70°

CROSSOVER FREQUENCIES

2.2kHz passive

INPUT CONNECTORS

2× Speakon NL4

PACKAGE SIZE

428mm×410mm×619mm

NET WEIGHT

16 kg/pc

GROSS WEIGHT

18 kg/pc





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KH series KH12 II

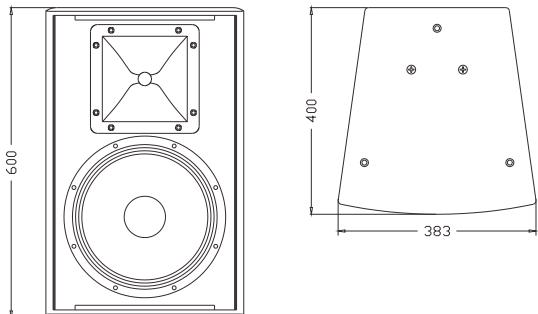
Two-way Loudspeaker System



The KH12 II is a two-way full-range loudspeaker designed for KTV rooms, made of high quality plywood, back vented design. Fitted with one 12" woofer and one 1" exit compression driver coupled to a rotatable horn.

KH12 II 是一款专门为KTV固定安装使用而设计的12"两分音全音域音箱。箱体采用经典的后倒相式设计，采用一只12"高效率低音单元，一只1"喉口44芯高音驱动器配置特别设计的可旋转号角，箱体采用多层复合夹板，水性漆喷涂。KH12 II 不仅具备极佳的歌唱表现力，而且在音乐听感方面也表现非凡。

CONFIGURATION



MODEL	KH12 II
FREQUENCY RESPONSE(-3dB)	45Hz-18kHz
FREQUENCY RESPONSE(-10dB)	40Hz-20kHz
DRIVERS	1×12"(300mm)/3"voice coil LF 1×1"(25mm) / 1.7"voice coil HF
RATED POWER	300W RMS,1200W peak
SENSITIVITY	97dB 1watt/1 metre
MAXIMUM SPL	122dB continuous,128dB peak
IMPEDANCE	6 ohms nominal
DISPERSION(-6dB)	100°×70°
CROSSOVER FREQUENCIES	2KHz passive
INPUT CONNECTORS	2×Speakon NL4
PACKAGE SIZE	490mm×475mm×695mm
NET WEIGHT	22 kg/pc
GROSS WEIGHT	25 kg/pc



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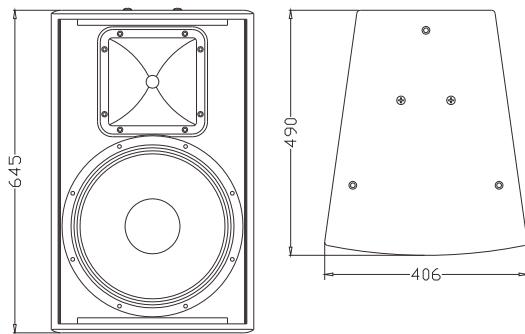
KH series KH13II

Two-way Loudspeaker System

The KH13II is a two-way full-range loudspeaker designed for KTV rooms, made of high quality plywood, back vented design. Fitted with one 13" woofer and one 1" exit compression driver coupled to a rotatable horn.

KH13II 是一款专门为KTV固定安装使用而设计的13"两分音全音域音箱。箱体采用经典的后倒相式设计，采用一只13"高效率低音单元,一只1"喉口44芯高音驱动器配置特别设计的可旋转号角，箱体采用多层复合夹板，水性漆喷涂。KH13II 不仅具备极佳的歌唱表现力，而且在音乐听感方面也表现非凡。

CONFIGURATION



产品特征

- High quality plywood with special environmental protection paint
- Rotatable horn
- Flexible mounting options
- Good used for KTV and entertainment venues

适用范围

- KTV等娱乐场所

MODEL

KH13 II

FREQUENCY RESPONSE(-3dB)

50Hz-16KHz

FREQUENCY RESPONSE(-10dB)

45Hz-18KHz

DRIVERS

1×13"(350mm)/3"voice coil LF

RATED POWER

1×1"(25mm) / 1.7"voice coil HF

SENSITIVITY

400W RMS,1600W peak

MAXIMUM SPL

97dB 1watt/1 metre

IMPEDANCE

123dB continuous,129 dB peak

DISPERSION(-6dB)

8 ohms nominal

CROSSOVER FREQUENCIES

100° × 70°

INPUT CONNECTORS

2KHz passive

PACKAGE SIZE

2× Speakon NL4

NET WEIGHT

406mm×490mm×645mm

GROSS WEIGHT

27 kg/pc

30 kg/pc





KR series

KR系列 娱乐音箱

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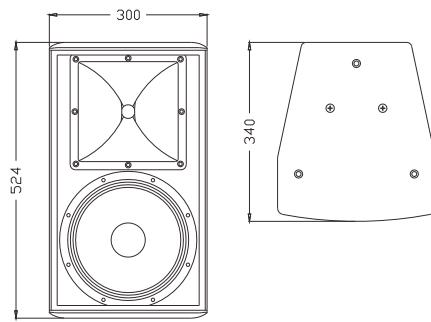
KRseries KR10 II

Two-way Loudspeaker System

The KR10 II is a 2-way full-range loudspeaker designed for KTV rooms. Fitted with one 10" woofer and one 1" exit compression driver coupled to a rotatable 100°×70° horn.

KR10 II 是一款专门为KTV固定安装使用而设计的10"两分音全音域音箱。采用一只10"效率低音单元,一只1"喉口44芯高音驱动器配置100°×70°可旋转号角,箱体采用多层复合夹板,特殊环保喷涂制作。KR10 II 不仅具备极佳的歌唱表现力,而且在音乐听感方面也表现非凡。

CONFIGURATION



FEATURES

- High quality plywood with special environmental protection paint
- Rotatable 100° × 70° horn;
- More full sub with back vent design
- Flexible mounting options
- Good used for KTV and entertainment venues

产品特征

- 高品质单元配置，多层复合夹板箱体
- 可旋转号角、多个吊挂点，满足不同安装需求
- 后倒相设计低音更加丰满

适用范围

- KTV等娱乐场所

MODEL

FREQUENCY RESPONSE(-3dB)

FREQUENCY RESPONSE(-10dB)

DRIVERS

RATED POWER

SENSITIVITY

MAXIMUM SPL

IMPEDANCE

DISPERSION(-6dB)

CROSSOVER FREQUENCIES

INPUT CONNECTORS

PACKAGE SIZE

NET WEIGHT

GROSS WEIGHT

KR10 II

55Hz-18kHz

50Hz-20kHz

1×10"(250mm)/2.5"voice coil LF

1×1"(25mm) / 1.7"voice coil HF

250W RMS,1000W peak

95dB 1watt/1 metre

119dB continuous,126dB peak

8 ohms nominal

100° × 70°

2.3kHz passive

2× Speakon NL4

430mm×390mm×620mm

16 kg/pc

19 kg/pc





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KRseries KR12II

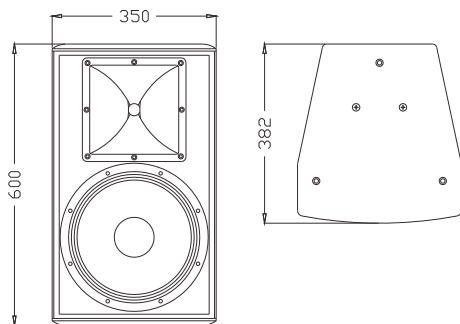
Two-way Loudspeaker System



The KR12 II is a 2-way full-range loudspeaker designed for KTV rooms. Fitted with one 12" woofer and one 1" exit compression driver coupled to a rotatable 100°×70° horn.

KR12 II 是一款专门为KTV固定安装使用而设计的12"两分音全音域音箱。采用一只12"高效率低音单元,一只1"喉口44芯高音驱动器配置100° × 70° 可旋转号角,箱体采用多层复合夹板,特殊环保喷涂制作。KR12 II 不仅具备极佳的歌唱表现力,而且在音乐听感方面也表现非凡。

CONFIGURATION



MODEL	KR12 II
FREQUENCY RESPONSE(-3dB)	50Hz-20kHz
FREQUENCY RESPONSE(-10dB)	45Hz-20kHz
DRIVERS	1×12"(300mm)/2.5"voice coil LF 1×1"(25mm) / 1.7"voice coil HF
RATED POWER	300W RMS,1200W peak
SENSITIVITY	97dB 1watt/1 metre
MAXIMUM SPL	122dB continuous,128dB peak
IMPEDANCE	8 ohms nominal
DISPERSION(-6dB)	100° × 70°
CROSSOVER FREQUENCIES	2.3KHz passive
INPUT CONNECTORS	2× Speakon NL4
PACKAGE SIZE	472mm × 430mm × 695mm
NET WEIGHT	20 kg/pc
GROSS WEIGHT	22 kg/pc

FEATURES

- High quality plywood with special environmental protection paint
- Rotatable 100 ° × 70 ° horn;
- More full sub with back vent design
- Flexible mounting options
- Good used for KTV and entertainment venues

产品特征

- 高品质单元配置, 多层复合夹板箱体
- 可旋转号角、多个吊挂点, 满足不同安装需求
- 后倒相设计低音更加丰满

适用范围

- KTV等娱乐场所



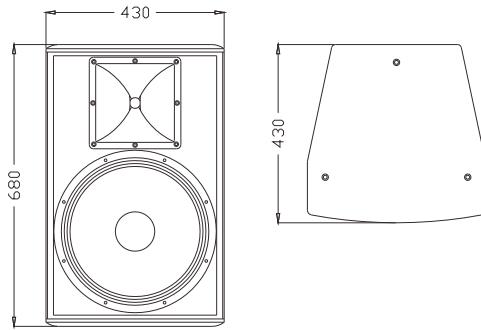
KRseries KR15II

Two-way Loudspeaker System

The KR15II is a two-way full-range loudspeaker designed for KTV rooms. Fitted with one 15" woofer and one 1" exit compression driver coupled to a rotatable 100°×70° horn.

KR15II 是一款专门为KTV固定安装使用而设计的15"两分音全音域音箱。采用一只15"效率低音单元,一只1"喉口44芯高音驱动器配置70° × 100° 可旋转号角,箱体采用多层复合夹板,特殊环保喷涂制作。KR15II 不仅具备极佳的歌唱表现力,而且在音乐听感方面也表现非凡。

CONFIGURATION



FEATURES

- High quality plywood with special environmental protection paint
- Rotatable 100 ° × 70 ° horn;
- More full sub with back vent design
- Flexible mounting options
- Good used for KTV and entertainment venues

产品特征

- 高品质单元配置, 多层复合夹板箱体
- 可旋转号角、多个吊挂点, 满足不同安装需求
- 后倒相设计低音更加丰满

适用范围

- KTV等娱乐场所

MODEL

KR15II

FREQUENCY RESPONSE(-3dB)

45Hz-18kHz

FREQUENCY RESPONSE(-10dB)

50Hz-20kHz

DRIVERS

1×15"(385mm)/3"voice coil LF

RATED POWER

1×1"(25mm)/1.7"voice coil HF

SENSITIVITY

400W RMS,1600W peak

MAXIMUM SPL

98dB 1watt/1 metre

IMPEDANCE

124dB continuous,130dB peak

DISPERSION(-6dB)

8 ohms nominal

CROSSOVER FREQUENCIES

100° × 70°

INPUT CONNECTORS

2.5kHz passive

PACKAGE SIZE

2×Speakon NL4

NET WEIGHT

540mm×540mm×795mm

GROSS WEIGHT

26 kg/pc

29 kg/pc





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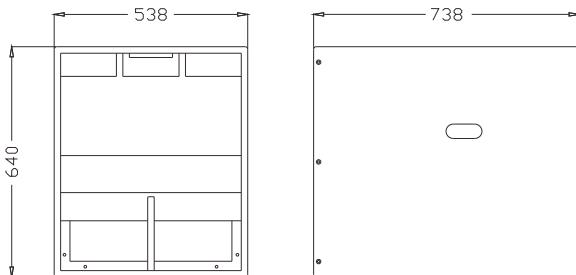
KRseries KR118B

Sub-woofer System

The KR118B is a single 18" low frequency enclosure designed for sub-bass reinforcement to KR series.

KR118B是一款单18"超低音箱。采用一只18" 100芯超低音单元，带通式箱体设计，箱体采用多层复合夹板，特殊喷涂制作。

CONFIGURATION



MODEL
FREQUENCY RESPONSE(-3dB)
DRIVERS
RATED POWER
SENSITIVITY
MAXIMUM SPL
IMPEDANCE
INPUT CONNECTORS
PACKAGE SIZE
NET WEIGHT
GROSS WEIGHT



FEATURES

- High quality plywood with special environmental protection paint
- Bandpass 18"(460mm) sub-bass
- High temperature 4"(100mm) voice coil
- Good used for KTV, entertainment venues, hotels,moving performance,multi-purpose hall and band

产品特征

- 高质量单元配置，高强度夹板箱体
- 带通式设计，低音强劲自然

适用范围

- 用于有超低音重放需求的高级卡拉OK包房、慢摇吧
- 多功能厅、高级酒店会所
- 流动商演、乐队扩声"

KR118B
35Hz-150Hz
1×18"(460mm)/4"voice coil LF
600W RMS,2400W peak
100dB 1watt/1 metre
128dB continuous,134dB peak
8 ohms nominal
2× Speakon NL4
835mm × 645mm × 750mm
50 kg/pc
56 kg/pc



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KRseries KR218B

Sub-woofer System

The KR218B is a double 18" low frequency enclosure. Provides deep and punchy bass suitable for all club applications as part of the KR series.

KR218B是一款双18"超低音箱。采用两只18"100芯超低音单元，带通式箱体设计，箱体采用多层复合夹板，特殊喷涂制作。

FEATURES

- High quality plywood with special environmental protection paint
- Bandpass dual 18"(460mm) sub-bass
- High temperature 4"(100mm) voice coil
- High power output
- Good used for KTV, entertainment venues, hotels, moving performance, multi-purpose hall and band

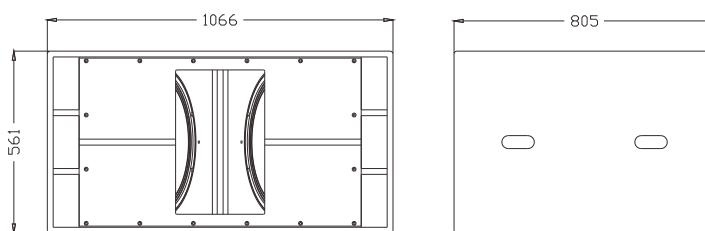
产品特征

- 高质量单元配置，高强度夹板箱体
- 带通式设计，低音浑厚自然

适用范围

- 用于有超低音重放需求的高级卡拉OK包房、慢摇吧
- 多功能厅、高级酒店会所
- 流动商演、乐队扩声

CONFIGURATION



MODEL

KR218B

FREQUENCY RESPONSE(-3dB)

35Hz-150Hz

DRIVERS

2×18"(460mm)/4"voice coil LF

RATED POWER

1200W RMS,4800W peak

SENSITIVITY

102dB 1watt/1 metre

MAXIMUM SPL

133dB continuous,139dB peak

IMPEDANCE

4 ohms nominal

INPUT CONNECTORS

2×Speakon NL4

PACKAGE SIZE

1160mm×925mm×675mm

NET WEIGHT

87 kg/pc

GROSS WEIGHT

96 kg/pc



KW series

KARAOKE SYSTEM

KW 系列卡拉OK音箱





pro audio



KW-310R KWseries KW-310C

Two-way Loudspeaker System

FEATURES

- High quality MDF construction
- Three speakers two-way loudspeaker for KTV
- One 10" woofer, two 3" paper cone tweeter
- Protection function, double alnico magnetic flow design
- Natural and fluent sound to provide stereo sound field

产品特征

- 高质量单元配置,高密度复合板箱体
- 标准吊挂装置

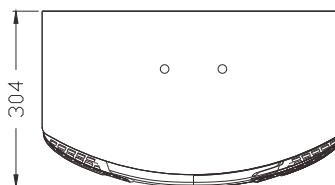
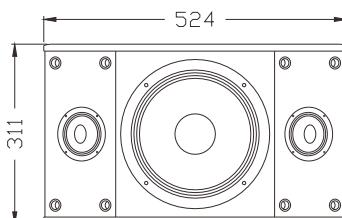
适用范围

- 用于全音域扩声、卡拉OK系统
- 背景音乐，量贩式卡拉OK等

The KW-310 is three speakers two way loudspeaker for KTV, one 10" woofer, two 3" cone tweeter

KW-310是一款10"三单元两分音全音域音箱。采用一只10"发泡边低音单元，两只3"纸盆高音，箱体采用高密度复合板，贴耐磨加厚磨砂PVC制作。

CONFIGURATION



MODEL

KW-310

FREQUENCY RESPONSE(-3dB)

35Hz-18kHz

FREQUENCY RESPONSE(-10dB)

30Hz-20kHz

DRIVERS

1×10"(250mm)Woofer

2×3"(75mm) cone tweeter

RATED POWER

150W RMS,600W peak

SENSITIVITY

92dB 1watt/1 metre

MAXIMUM SPL

114 dB continuous,120dB peak

IMPEDANCE

8 ohms nominal

CROSSOVER FREQUENCIES

1.5 kHz passive

INPUT CONNECTORS

Terminal Clamp

PACKAGE SIZE

725mm×405mm×624mm(carton/pair)

NET WEIGHT

11 kg/pc

GROSS WEIGHT

26 kg/Pair



KW-510R KWseries KW-510C

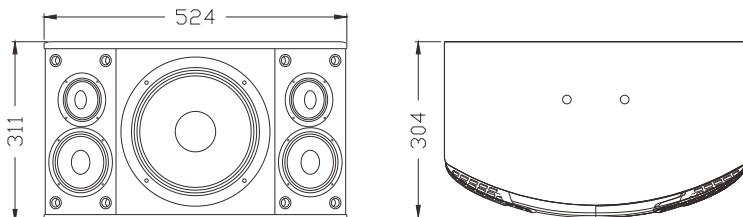
Three-way Loudspeaker System



The KW-510 is five speakers three way loudspeaker for KTV, one 10" woofer, two 4" cone mid ,two 3" cone tweeter.

KW-510是一款10" 五单元三分音全音域音箱。采用一只10" 发泡边低音单元，两只4" 纸盆中音，两只3" 纸盆高音，箱体采用高密度复合板，贴耐磨加厚磨砂PVC制作。

CONFIGURATION



FEATURES

- High quality MDF construction
- Five speakers two-way loudspeaker for KTV
- One 10" woofer, two 4" cone mid, two 3" cone tweeter
- Protection function, double alnico magnetic flow design
- Natural and fluent sound to provide stereo sound field

产品特征

- 高质量单元配置，高密度复合板箱体
- 标准吊挂装置

适用范围

- 用于全音域扩声、卡拉OK系统
- 背景音乐，量贩式卡拉OK等

MODEL	KW510
FREQUENCY RESPONSE(-3dB)	35Hz-18kHz
FREQUENCY RESPONSE(-10dB)	30Hz-20kHz
DRIVERS	1×10"(250mm)Woofer 2×4"(100mm) cone mid 2×3"(75mm) cone tweeter
RATED POWER	150W RMS,600W peak
SENSITIVITY	92dB 1watt/1 metre
MAXIMUM SPL	114 dB continuous,120dB peak
IMPEDANCE	8 ohms nominal
CROSSOVER FREQUENCIES	1.5KHz, 3KHz passive
INPUT CONNECTORS	Terminal Clamp
PACKAGE SIZE	725mm×405mm×624mm(carton/pair)
NET WEIGHT	12 kg /pc
GROSS WEIGHT	28 kg/Pair



CXseries
CX 系列工程塑胶音箱

pro audio

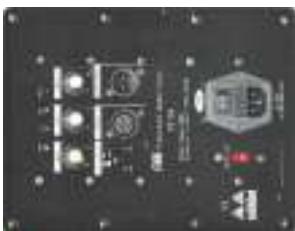


CX10 CX10A

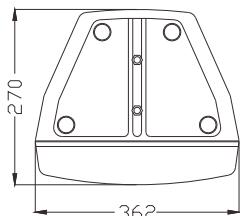
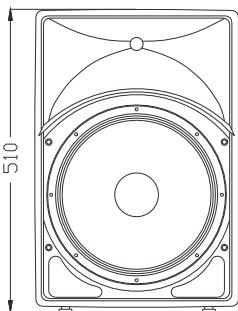
Two-way Loudspeaker System

The **CX10** is a two-way structure plastic cabinet system with waterproof and sunscreening housing. Fitted with one 10" woofer and one 1"(25mm)exit compression driver coupled to a 90°× 60 ° horn. CX10A is equipped with 150W analogue amplifier to be an active plastic speaker based on CX10.

CX10是一款10寸两分音全音域工程塑胶音箱。采用一只10寸高效率低音单元，一只1寸喉口25芯高分子聚酯膜高音驱动器，箱体采用工程塑胶注塑而成。CX10A是在CX10的基础上配置200W模拟功放组件成为有源音箱。



CONFIGURATION



FEATURES

- Strong plastic cabinet
- Molded-in 90°× 60 ° horn
- High power output
- Structure plastic cabinet, waterproof and sunscreening

产品特征

- 高质量单元配置,工程塑胶箱体,适合全天候使用
- 多吊挂点与支撑配合,可以固定安装与流动使用

适用范围

- 用于全音域扩声、语言会议系统
- 多功能厅、学校教室

MODEL

FREQUENCY RESPONSE(-3dB)

FREQUENCY RESPONSE(-10dB)

DRIVERS

RATED POWER

SENSITIVITY

MAXIMUM SPL

IMPEDANCE

DISPERSION(-6dB)

CROSSOVER FREQUENCIES

INPUT CONNECTORS

PACKAGE SIZE

NET WEIGHT

GROSS WEIGHT

CX10

55Hz-20kHz

50Hz-20kHz

1×10"(250mm)/2" voice coil LF

1×1"(25mm)/ 1"voice coil HF

150W RMS,600W peak

95dB 1watt/1 metre

117 dB continuous,123dB peak

8 ohms nominal

90°× 60°

2.5 kHz passive

2× Speakon NL4

405mm×325mm×565mm

10 kg /pc

12 kg/pc

CX10A

55Hz-20kHz

50Hz-20kHz

1×10"(250mm)/2" voice coil LF

1×1"(25mm)/ 1"voice coil HF

200W/8Ω

/

117 dB continuous,123dB peak

Line 20k ohm Mic: 2k ohm

90°× 60°

/

405mm×325mm×565mm

13 kg /pc

15 kg/pc



CXseries CX12 CX12A

Two-way Loudspeaker System

The **CX12** is a two-way structure plastic cabinet system with waterproof and sunscreening housing. Fitted with one 12" woofer and one 1"(25mm)exit compression driver coupled to a 90°×60 ° horn.CX12A is equipped with 250W analogue amplifier to be an active plastic speaker based on CX12.

CX12是款12寸两分音全音域工程塑胶音箱。采用一只12寸高效率低音单元，一只1寸喉口25芯高分子聚酯膜高音驱动器，箱体采用工程塑胶注塑而成。CX12A是在CX12的基础上配置250W模拟功放组件成为有源音箱。

FEATURES

- Strong plastic cabinet
- Molded-in 90°×60 ° horn
- High power output
- Structure plastic cabinet, waterproof and sunscreening



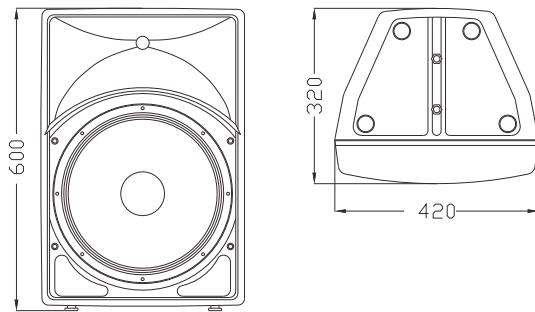
产品特征

- 高质量单元配置,工程塑胶箱体,适合全天候使用
- 多吊挂点与支撑配合,可以固定安装与流动使用

适用范围

- 用于全音域扩声、语言会议系统
- 小型室内外扩声, 流动演出

CONFIGURATION



MODEL

CX12

FREQUENCY RESPONSE(-3dB)

40Hz-20kHz

FREQUENCY RESPONSE(-10dB)

35Hz-20kHz

DRIVERS

1×12"(300mm)/2.5" voice coil LF

1×1"(25mm)/ 1"voice coil HF

250W RMS,1000W peak

RATED POWER

96dB 1watt/1 metre

SENSITIVITY

120 dB continuous,126dB peak

MAXIMUM SPL

8 ohms nominal

IMPEDANCE

90°×60°

DISPERSION(-6dB)

2.2kHz passive

CROSSOVER FREQUENCIES

2×Speakon NL4

INPUT CONNECTORS

465mm×385mm×675mm

PACKAGE SIZE

15 kg/pc

NET WEIGHT

17 kg/pc

GROSS WEIGHT

CX12A

40Hz-20kHz

35Hz-20kHz

1×12"(300mm)/2.5" voice coil LF

1×1"(25mm)/ 1"voice coil HF

250W/8Ω

/

120 dB continuous,126dB peak

Line 20k ohm Mic: 2k ohm

90°×60°

/

/

465mm×385mm×675mm

19 kg/pc

22 kg/pc

CXseries CX15 CX150A

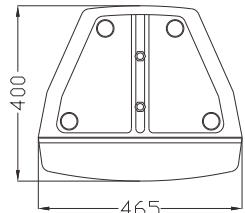
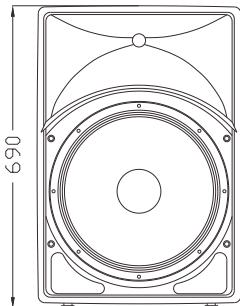
Two-way Loudspeaker System

The CX15 is a two-way structure plastic cabinet system with waterproof and sunscreening housing. Fitted with one 15" woofer and one 1"(25mm)exit compression driver coupled to a 90°× 60 ° horn. CX150A is a high power active plastic speaker, equipped with 300W +100W 2-way analogue amplifier.

CX15是一款15寸两分音全音域工程塑胶音箱。采用一只15寸高效率低音单元，一只1寸喉口25芯高分子聚酯膜高音驱动器，箱体采用工程塑胶注塑而成。CX150A是一款15寸大功率有源音箱，采用一只15寸高效率低音单元，一只1寸喉口44芯高音驱动器，配置300W+100W模拟功放组件。



CONFIGURATION



pro audio

FEATURES

- Strong plastic cabinet
- Molded-in 90°× 60 ° horn
- High power output
- Structure plastic cabinet, waterproof and sunscreening

产品特征

- 高质量单元配置,工程塑胶箱体,适合全天候使用
- 多吊挂点与支撑配合,可以固定安装与流动使用

适用范围

- 用于全音域扩声、语言会议系统
- 小型室内外扩声,流动演出

MODEL	CX15	CX150A
FREQUENCY RESPONSE(-3dB)	40Hz-20kHz	40Hz-20kHz
FREQUENCY RESPONSE(-10dB)	35Hz-20kHz	35Hz-20kHz
DRIVERS	1×15"(380mm)/2.5"voice coil LF 1×1"(25mm)/ 1"voice coil HF	1×15"(380mm)/3"voice coil LF 1×1"(25mm)/ 1.7"voice coil HF
RATED POWER	300W RMS,1200W peak	300W/8Ω+100W/8Ω
SENSITIVITY	97dB 1watt/1 metre	/
MAXIMUM SPL	122dB continuous,128dB peak	122dB continuous,128 dBpeak
IMPEDANCE	8 ohms nominal	Line 20k ohm Mic: 2k ohm
DISPERSION(-6dB)	90°× 60°	90°× 60°
CROSSOVER FREQUENCIES	2.2kHz passive	/
INPUT CONNECTORS	2× Speakon NL4	/
PACKAGE SIZE	530mm×490mm×775mm	530mm×490mm×775mm
NET WEIGHT	19 kg/pc	28 kg/pc
GROSS WEIGHT	22 kg/pc	32 kg/pc



Cseries C500T/C600T/C800T

High-performance Ceiling Speaker

C500T/C600T/C800T series high-performance ceiling speaker, designed for a wide range of commercial applications, suitable for language, foreground & background music of retail stores, restaurants, hotels, etc. The simple and generous appearance design makes the loudspeaker visually integrated into the ceiling decoration, which is in line with the safety labeling of many escape systems around the world.

C500T/C600T/C800T系列高性能吸顶安装扬声器，采用复合边中低音单元和球顶高音同轴设计，适合零售店、餐厅、酒店等场所的前景、背景音乐播放和语言扩声。简约大方的外观设计使扬声器视觉上完全融入天花装饰中，该系列产品符合全球众多逃生系统安全标注。



MODEL	C500T	C600T	C800T
FREQUENCY RESPONSE(-3dB)	140Hz-18KHz	130Hz-20KHz	120Hz-18KHz
INPUT VOLTAGE	100V	100V	100V
RATED POWER	8Ω/7.5W/15/30W	8Ω/10W/20/40W	8Ω/12.5W/25/50W
SENSITIVITY	88dB 1watt/1 metre	89dB 1watt/1 metre	90dB 1watt/1 metre
MAXIMUM SPL	93dB continuous,98dB peak	94dB continuous,99dB peak	95dB continuous,100dB peak
IMPEDANCE	8 ohms nominal	8 ohms nominal	8 ohms nominal
DISPERSION(-6dB)	90°	90°	90°
PACKAGE SIZE	525mm×490mm×400mm (8pcs/carton)	815mm×560mm×210m (6pcs/carton)	625mm×330mm×470mm (4pcs/carton)
NET WEIGHT	13.6kg/8pcs	12.72kg/6pcs	11.4kg/4pcs
GROSS WEIGHT	19.1kg/8pcs	18.48kg/6pcs	16.1kg/4pcs

LS series LS525/LS800

Outdoor Lawn Speaker

LS series is full range speaker, specially used for outdoor, strong weather resistant speaker, artful and fashionable structure design, can be fixed to the ground or buried installation, 360°×50° coverage angle, to provide high fidelity full range of sound quality. A variety of places can be used: green squares, parks, playgrounds, swimming pools, sports venues, hotel gardens, resort leisure areas, private villa courtyards, etc. Compact exterior design, grass green color can be integrated with the environment. Engineering plastic molding box is resistant to collision and scratch, easy to take care of. The product complies with the IP56 international standard.

LS系列是专门用于户外，耐候性极强的专用音箱，巧妙时尚的结构设计，可以贴地或埋地安装，360° × 50° 覆盖角度，提供高保真全音域音质。可以用多种场所：绿地广场、公园、操场、游泳馆、体育场馆、酒店花园、度假村休闲区、私人别墅庭院等，紧凑型外观设计、草绿颜色可与环境融为一体。工程塑胶模盒成型箱体耐碰撞、刮花，极易打理。产品符合IP56国际标准。

FEATURES

- Highly weather-resistant IP56 rating
- Engineering plastic injection molding
- Ground or buried installation
- Grass green color can be integrated with the environment
- Good used for outdoor, green squares, parks, playgrounds, swimming pools, sports venues, hotel gardens, resort leisure areas, private villa courtyards, etc.

产品特征

- 工程塑胶模盒成型箱体，防水防尘设计，耐候性极强
- 360 ° × 50 ° 覆盖角度，不受听音位置限制

适用范围

- 绿地广场、人行栈道、登上栈道、公园、酒店花园、度假村、私人别墅庭院



MODEL	LS525	LS800
FREQUENCY RESPONSE(-3dB)	55Hz-18kHz	50 Hz-16kHz
FREQUENCY RESPONSE(-10dB)	65Hz-16KHz	60Hz-15KHz
DRIVERS	1×5.25"(135mm)/1.5"voice coil LF 1×0.8"(20mm)/dome tweeter	1×8"(200mm)/1.5"voice coil LF 1×1"(25mm)/dome tweeter
INPUT VOLTAGE	100V	100V
RATED POWER	7.5W/15W/30W/OFF/8Ω	15W/30W/60W/OFF/8Ω
SENSITIVITY	86dB 1watt/1 metre	93dB 1watt/1 metre
MAXIMUM SPL	100dB continuous,106 dB peak	110dB continuous,116 dB peak
IMPEDANCE	8 ohms nominal	8 ohms nominal
DISPERSION(-6dB)	360°×50°	360°×50°
CROSSOVER FREQUENCIES	3.2kHz passive	2.8kHz passive
PACKAGE SIZE	405mm×405mm×500mm	470mm×470mm×585mm
NET WEIGHT	6.5kg/pc	9.5kg/pc
GROSS WEIGHT	8.5kg/pc	12kg/pc



pro audio

ELECTRONIC series

电子产品系列



TA series

TA 系列专业功率放大器 TA SERIES POWER AMPLIFIER

TA系列专业功放采用特殊的电路设计技术，注重产品在长期连续满功率使用条件下的稳定性，PCB板主要部件采用SMT贴片技术制造，且通过计算机模拟仿真系统设计的电路布局，使功率放大器有着很高的信噪比和抗干扰能力，TA系列的产品具有较高阻尼系数和完善滤波系统，使高频更细腻柔和，低频更富有弹性。

The TA series professional amplifier using special circuit design techniques, focusing on the stability of the products in the long-term continuous full power conditions, the main components of the PCB board using SMT technology manufacturing, and circuit layout design through computer simulation system, so that the amplifier has a very high signal to noise ratio and anti-jamming capability. The TA series with higher damping and perfect filtering system, so that high frequency is more delicate and soft, low-frequency is more flexible.



SPECIFICATIONS

型号: MODEL	TA4.2	TA7.2	TA9.2	TA11.2	TA14.2
输出功率 (EIA 1KHZ 1% THD)					
立体声:STEREO POWER 8 ohms	2×400W	2×650W	2×900W	2×1050W	2×1380W
立体声:STEREO POWER 4 ohms	2×600W	2×980W	2×1350W	2×1700W	2×2288W
桥接:BRIDGE POWER 8 ohms	1200W	1960W	2700W	3400W	4576W
频响: FREQUENCY RESPONSE	20Hz-20kHz, ±1dB				
输入灵敏度: INPUT SENSITIVITY	0.77V	0.77V		0.77V	
信噪比: SIGNAL TO NOISE	≥95dB	≥98dB		≥95dB	≥91dB
失真度: THD	≤0.03%	≤0.05%		≤0.03%	
输入阻抗: INPUT IMPEDANCE	20KΩ(平衡/BALANCED)/10KΩ(非平衡/UN-BALANCED)				
分离度:(8 ohm 1Khz) CROSSTALK	>70 dB	62 dB		>70 dB	>73 dB
阻尼系数: (5Hz-1Khz) DAMPING FACTOR	>240	>280		>240	
转换速率: SLEW RATE	15V/μs	15V/μs		15V/μs	
保护功能: PROTECTION FUNCTION	软启动保护/过热保护/过流保护/直流保护/射频保护 SOFT START / OVERHEATING / OVERCURRENT / DIRECT CURRENT / RADIO FREQUENCY				
电源: MAIN POWER SUPPLY	AC:220-230V 50Hz/60Hz				
产品尺寸: (W×D×H)mm DIMENSIONS	482x435x88	482x472.5x88		482x487x 88	482x509 x132
净重: NET WEIGHT	12.3Kg	15.2Kg	16.5Kg	26.7 Kg	34.7 Kg



pro audio

TA series

TA 系列专业功率放大器
TA SERIES POWER AMPLIFIER



TA系列专业功放采用特殊的电路设计技术，注重产品在长期连续满功率使用条件下的稳定性，PCB板主要部件采用SMT贴片技术制造，且通过计算机模拟仿真系统设计的电路布局，使功率放大器有着很高的信噪比和抗干扰能力，TA系列的产品具有较高阻尼系数和完善滤波系统，使高频更细腻柔和，低频更富有弹性。

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SPECIFICATIONS

型号: MODEL	TA4.4	TA7.4
输出功率 (EIA 1KHZ 1% THD)		
立体声:STEREO POWER 8 ohms	4×400W	4×650W
立体声:STEREO POWER 4 ohms	4×600W	4×980W
桥接:BRIDGE POWER 8 ohms	2×1200W	2×1960W
频响: FREQUENCY RESPONSE	20Hz-20kHz, ±1dB	
输入灵敏度: INPUT SENSITIVITY	1.3V	1.3V
信噪比: SIGNAL TO NOISE	≥95dB	≥98dB
失真度: THD	≤0.03%	≤0.05%
输入阻抗: INPUT IMPEDANCE	20KΩ(平衡/BALANCED)/10KΩ(非平衡/UN-BALANCED)	
分离度:(8 ohm 1KHz) CROSSTALK	>70 dB	62 dB
阻尼系数: (5Hz-1KHz) DAMPING FACTOR	>240	>280
转换速率: SLEW RATE	15V/μs	15V/μs
保护功能: PROTECTION FUNCTION	软启动保护/过热保护/过流保护/直流保护/射频保护 SOFT START / OVERHEATING / OVERCURRENT / DIRECT CURRENT / RADIO FREQUENCY	
电源: MAIN POWER SUPPLY	AC:220-230V 50Hz/60Hz	
产品尺寸: (W×D×H)mm DIMENSIONS	482x494x88	482x494x88
净重: NET WEIGHT	18.3Kg	19.6Kg

HA series

HA 系列专业功率放大器 HA SERIES PROFESSIONAL AMPLIFIER

HA系列专业功放采用标准模块式设计技术，注重产品在长期连续满功率使用条件下的稳定性，该系列产品功率从600W-1200W，通道从2-3通道任意组合，以适应多种需求。HA系列的产品具有较高阻尼系数和完善滤波系统，使高频更细腻柔和，低频更富有弹性，多通道设计使用更方便。

The HA series professional amplifier using standard modular design techniques, focusing on the stability of the products in the long-term continuous full power conditions, the series power from 600W-1200W, channels from any combination of 2-3 channels to accommodate together a variety of needs. The HA series with higher damping and perfect filtering system, so that the high frequency is more delicate and soft, low-frequency is more flexible. And multi-channel design is more convenient to use.



SPECIFICATIONS

型号: MODEL	HA602	HA802	HA1002	HA1202	HA5803
输出功率 (EIA 1KHZ 1% THD)					
立体声:STEREO POWER 8 ohms	2×600W	2×800W	2×1000W	2×1200W	2×500W+800W
立体声:STEREO POWER 4 ohms	2×900W	2×1400W	2×1750W	2×2000W	2×750W+1200W
桥接:BRIDGE POWER 8 ohms	1800W	2800W	3500W	4000W	1500W+800W
频响: FREQUENCY RESPONSE	20Hz-20kHz,±1.5dB				
输入灵敏度: INPUT SENSITIVITY	0.775V				0.775V/1.4V/26
信噪比: SIGNAL TO NOISE	>100dB				
失真度: THD	≤0.05%				
输入阻抗: INPUT IMPEDANCE	20KΩ(平衡/BALANCED)/10KΩ(非平衡/UN-BALANCED)				
分离度:(8 ohm 1KHz) CROSSTALK	≥65dB				≥70dB
阻尼系数: (5Hz-1Khz) DAMPING FACTOR	≥230				
转换速率: SLEW RATE	15V/μs				
保护功能: PROTECTION FUNCTION	软启动保护/过热保护/过流保护/直流保护/射频保护 SOFT START / OVERHEATING / OVERCURRENT / DIRECT CURRENT / RADIO FREQUENCY				
电源: MAIN POWER SUPPLY	AC:220-230V 50Hz				
产品尺寸: (W×D×H)mm DIMENSIONS	482×362×88				482×486×88
净重: NET WEIGHT	12.6Kg	14.1Kg	16.3Kg	18.1Kg	21.9Kg



DA series

DA 系列专业功率放大器 DA SERIES PROFESSIONAL AMPLIFIER

DA系列专业功放是开关电源，Class D类功率放大的数字功放，采用特殊的电路设计技术，注重产品在长期连续满功率使用条件下的稳定性，有完善保护功能，避免失误操作可能引起的损坏和错误保护引起的尴尬场面。PCB板主要部件采用SMT贴片技术制造，且通过计算机模拟仿真系统辅助设计的电路布局，使功率放大器有着很高的信噪比和抗干扰能力，DA系列的产品有较高阻尼系数和完善滤波系统，使高频更细腻柔和，低频更有力，体积小重量轻使用更方便。

The DA series professional amplifier is a class D digital amplifier with switching power supply, using a special circuit design techniques, focusing on the stability of the products in the long-term continuous full power conditions, improving the protection function to avoid damages caused by operation mistakes and embarrassments caused by error protection. The main components of the PCB board using SMT technology manufacturing and through computer simulation aided design circuit layout, so that the amplifier has a high signal to noise ratio and anti-jamming capability. The DA series products have a higher damping and perfect filtering system, so that the high frequency is more delicate and soft, low-frequency is more powerful. And small size with light weight is more convenient to use.

SPECIFICATIONS

型号: MODEL	DA502	DA902	DA1302	DA504	DA904	DA1502	DA1304	DA1804
输出功率 (EIA 1KHZ 1% THD)								
立体声:STEREO POWER 8 ohms	2×500W	2×900W	2×1300W	4×500W	4×900W	2×1500W	4×1300W	4×1800W
立体声:STEREO POWER 4 ohms	2×750W	2×1350W	2×1950W	4×750W	4×1350W	2×2200W	4×1950W	4×2700W
桥接:BRIDGE POWER 8 ohms	1500W	2700W	NG	2×1500W	2×2700W	4400W	2×3900W	2×5400W
频响: FREQUENCY RESPONSE	20Hz-20kHz,±1dB							
输入灵敏度: INPUT SENSITIVITY	0.77V/1V/1.4V				23dB-44dB			
信噪比: SIGNAL TO NOISE	≥98dB				≥100dB			
失真度: THD	<0.15%				<0.15%			
输入阻抗: INPUT IMPEDANCE	20KΩ(平衡/BALANCED)10KΩ(非平衡/UN-BALANCED)							
分离度:(8 ohm 1KHz) CROSSTALK	≥62dB				≥62dB			
阻尼系数: (5Hz-1KHz) DAMPING FACTOR	≥230				≥230			
转换速率: SLEW RATE	25V/ μ s				25V/ μ s			
保护功能: PROTECTION FUNCTION	软启动保护/过热保护/过流保护/直流保护/射频保护 SOFT START / OVERHEATING / OVERCURRENT / DIRECT CURRENT / RADIO FREQUENCY							
电源: MAIN POWER SUPPLY	AC:220-230V 50Hz				AC:220-230V 50Hz			
产品尺寸: (W×D×H)mm DIMENSIONS	482×235×88				482×371.5×88	482×433.5×88		
净重: NET WEIGHT	7.1Kg	7.2Kg	7.3Kg	7.4Kg	7.5Kg	9.5Kg	12.1Kg	12.4Kg

CA series

CA系列定压功率放大器

CA SERIES CONSTANT VOLTAGE POWER AMPLIFIER



pro audio

CA系列是一组功能与功率不同的定压功率放大器，其中CA4601为合并式，自带USB和SD卡，开机自动播放MP3曲目，自带FM收音，两路MIC输入，一路AUX线路输入，总音量控制，MIC输入优于所有输入；其它型号为纯后级定压功率放大器，有分别设置有定阻定压输出端子，具有完善的过压、过流、短路、中点漂移保护电路，使用简单维护方便。

The CA series is a set of constant voltage power amplifiers with different functions and powers. CA4601 is an integrated type with USB and SD card, which can automatically play MP3 tracks at startup, FM radio, two-way MIC input, one-way AUX line input, total volume control, MIC input is superior to all input; The other models are pure post-stage constant voltage power amplifiers, are respectively set with constant impedance and constant voltage output terminals, with perfect protection circuit of overvoltage, overcurrent, short circuit, midpoint drift, easy to use and maintenance.



SPECIFICATIONS

型号: MODEL	CA4601	CA660	CA1000	CA1500
输入阻抗 INPUT IMPEDANCE	AUX:10 kΩ	LINE(平衡BALANCE):20KΩ		
	MIC:600Ω	NG	NG	NG
输入电压 INPUT VOLTAGE	AUX:1V	LINE:0.775V/1KHz SIN		
	MIC:1.8mV	NG	NG	NG
线路输出阻抗LINE OUTPUT IMPEDANCE	600Ω	600 Ω	600Ω	600Ω
输出电压 OUTPUT VOLTAGE	70V-100V	70V/100V/120V	70V/100V/120V	70V/100V/120V
Mp3格式 MP3 FORMAT	22k-128k	NG	NG	NG
Fm频率 FM FREQUENCY	88.0MHz-108.0MHz	NG	NG	NG
Fm天线规格输出功率 FM ANTENNA SPEC.	75Ω	NG	NG	NG
输出功率OUTPUT POWER	460W	660W/4Ω	1000W/4Ω	1500W/4Ω
频率响应FREQUENCY RESPONSE	40Hz-20kHz	60Hz-20KHz	60Hz-20KHz	60Hz-20KHz
信噪比S/N RATIO	≥78dB	≥75dB	≥75dB	≥75dB
非线性失真NONLINEAR DISTORTION	1% 1kHz	0.25% 1KHz/10V定阻输出CONSTANT IMPDANCE OUTPUT		
电源输入 POWER INPUT	AC200V 50-60Hz	AC220V 50-60Hz	AC220V 50-60Hz	AC220V 50-60Hz
产品尺寸DIMENSIONS(WxDxH)mm	483x450x90	485x320x90	485x455x132	485x455x132
产品净重NET WEIGHT	19kg	19KG	23.5KG	27.5KG



pro audio



US series

US系列音箱处理器 US2403/US3603/US4803 US SERIES LOUDSPEAKER SYSTEM PROCESSOR

- 32位DSPSHARC芯片处理, 96kHz采样率, 24bit AD/DA转换。
- 输入处理部分包含高切, 低切, 8个参量均衡, 噪声门, 增益, 静音, 相位, 延时, 连动调节等处理功能。
- 输出处理部分包含分频, 9个参量均衡, 增益, 静音, 压缩/限幅器, 相位, 延时, 连动调节等处理单元。
- 所有通道的PEQ增益、带宽、频率连续可调, 类型可选择: 参量均衡/低架滤波/高架滤波/低切滤波/高架滤波/移相1阶/移相2阶。
- 所有输入输出之间可以自由进行矩阵式分配, 且每个输入输出通道名称可以更改。
- 所有输入输出通道带独立的相位曲线调整功能, 在PEQ类型选择移相1阶是180度曲线调整, 移相2阶是360度曲线调整。
- 所有高切、低切滤波器, 分频器的类型可选择: 巴特沃斯、林奎瑞利、贝塞尔, 斜率在-6dB/Oct至-48dB/Oct可选。
- 输出通道的压缩/限幅器的阈值, 比率, 启动时间, 恢复时间连续可调。
- 所有输入输出通道的延时模块都具有高达680ms的延时时间。
- 任意通道之间参数设置可以自由复制, 以及任意通道可以进行连动调节。
- 可在任意一个输入或输出通道时看到当前所有的输入或输出通道的PEQ曲线调整图。
- 内置测试信号发生器, 输出方式可选粉红噪声, 白噪声及20Hz-20kHz正弦波可调, 信号幅度可调
- 前面板带有输入输出电平指示灯、USB控制端口, 后面板232 & 485控制端口, 以及以太网连接远程控制端口, 一键式连机使得用户的操作更简易、快捷, 电脑可无线调音。
- 30个用户预设, 整机状态和每个预设都可以单独存储和调用。ID设置功能可以级联控制255台机器, 还具有密码保护功能, 使设备更安全。

- 32-bit DSP SHARC process, 96kHz sampling rate, 24-bit AD/DA convert.
- Input processing includes High-cut, Low-cut, 8 PEQ, Noise gate, Gain, Mute, Phase, Delay, Link and so on.
- Output processing includes X-over, 9 PEQ, Gain, Mute, Compressor/Limiter, Phase, Delay, Link and so on.
- Adjustable PEQ frequency, Gain and bandwidth. We can choose style: Peak, L -shelf, H-shelf, Low cut, High cut, Allpass 1, Allpass 2.
- Every input and output can do matrix assign flexibly, and all the input and output channel name can be changed.
- All the input and output with independent phase curve adjust function, PEQ style choose allpass 1 is 180° curve adjust, allpass 2 is 360° curve adjust.
- The style of all High-cut, Low-cut filter and Distributor unit: Butterworth, Linkwitz-Riley, Bessel; slope is from -6dB/Oct to -48dB/Oct.
- Adjustable compressor/limiter threshold, ratio, attached time and release time.
- Maximal delay time is 680ms for all input/output channels.
- Parameter Settings between any channel can be copied freely, and any channel can be linkage adjusted.
- Displays the current PEQ curves of all input or output channels in any input or output channel window.
- Built-in test signal generator, output mode optional pink noise, white noise and 20Hz-20kHz sinusoidal adjustable, and signal amplitude adjustable.
- The front panel is equipped with input and output levelindicator light, USB control port, rear panel 232 & 485 control port, and Ethernet connection remote control port. One-button connection makes the user's operation easier and faster, and the computer can be wireless
- 30 user presets, the complete machine state and each preset can be stored and called separately. The ID setting function can cascade control 255pcs machines, and also has password protection function to make the device more secure.

SPECIFICATIONS

型号 MODEL	US2403	US3603	US4803	
输入输出通道 INPUT/OUTPUT CHANNELS	2进4出 2 IN/4 OUT	3进6出 3 IN/6 OUT	4进8出 4 IN/8 OUT	
输入输出接口 INPUT/OUTPUT CONNECTOR	输入: 卡侬母座, 输出: 卡侬公座	INPUT: XLR FEMALE, OUTPUT: XLR MALE		
频率响应 FREQUENCY RESPONSE	20Hz-20KHz ± 0.3dB	20Hz-20KHz ± 0.3dB	20Hz-20KHz ± 0.3dB	
动态范围 DYNAMIC RANGE	115dBu	115dBu	115dBu	
失真度 THD	<0.008% at 1kHz(0dBu)	<0.008% at 1kHz(0dBu)	<0.008% at 1kHz(0dBu)	
串音 CROSSTALK	>70dBu, 20Hz-20kHz	>70dBu, 20Hz-20kHz	>70dBu, 20Hz-20kHz	
共模抑制比 CMRR	>75dBu 1kHz	>75dBu 1kHz	>75dBu 1kHz	
连接方式 CONNECTION TYPE	平衡式连接 BALANCED CONNECTION			
线路输入部分 LINE INPUT	增益 GAIN	35dBu	35dBu	
	最大输出电平 MAX OUTPUT LEVEL	18dBu	18dBu	
	阻抗 IMPEDANCE	> 10KΩ	> 10KΩ	
输出部分 OUTPUT	连接方式 CONNECTION TYPE	平衡式连接 BALANCED CONNECTION		
	最大输出电平 MAX OUTPUT LEVEL	18dBu	18dBu	
	阻抗 IMPEDANCE	< 500 Ω	< 500 Ω	
数字处理部分(DSP)	24bit sigma-delta A/D、D/A转换 CONVERSION, 32bit SHARC DSP, 96kHz采样 SAMPLING			
产品尺寸 DIMENSIONS(WxDxH)mm	482x205x44	482x205x44	482x205x44	
产品净重 NET WEIGHT	2.3KG	2.3KG	2.3KG	

US series



US系列音频矩阵处理器 US8803/US1683/US16163 US SERIES AUDIO MATRIX PROCESSOR

- 32位SHARC DSP芯片处理，96kHz采样率，24bit AD/DA转换。
- 每路模拟输入通道具有+48V幻象电源，话筒和线性输入增益可切换，话筒的输入的灵敏度可调。
- 输入通道处理部分包含低切，独立反馈抑制，参量均衡，噪声门，增益，静音，相位，连动调节，音量编组调节等处理功能。
- 输出通道处理部分包含分频，参量均衡，增益，静音，压缩/限幅器，相位，延时，连动调节，音量编组调节等处理单元。
- 所有通道的PEQ增益、带宽、频率连续可调，类型可选择：参量均衡、低架滤波、高架滤波、低切滤波、高切滤波、1阶移相、2阶移相。
- 所有输入输出之间且每个输入输出通道名称可以更改可以自由进行矩阵式分配。
- 所有输入输出通道带独立的相位曲线调整功能，PEQ类型选择中1阶移相可实现180度相位曲线调整，2阶移相可实现360度相位曲线调整。
- 所有高切、低切滤波器的类型可选择：巴特沃斯、林奎瑞利、贝塞尔，斜率连续可选。
- 输入通道噪声门的门限值、启动时间、恢复时间连续可调。输出通道的压缩/限幅器的阈值，比率，启动时间，恢复时间连续可调。
- 所有输出通道的延时模块都具有高达680ms的延时时间。
- 任意通道之间参数设置可以自由复制，以及任意通道可以进行连动调节。
- 可在任意一个输入或输出通道视窗下显示当前所有的输入或输出通道的频响曲线情况。
- 独特的EFX通道设计，具有专业的ECHO和REVERB双引擎多重效果器，即可美化修饰音色，也可全面支持卡拉OK功能，可广泛应用于会议、多功能厅等各种应用场合。
- AUX通道具有强大的自动混音处理功能，混音阀值、幅度、启动时间、恢复时间等参数连续可调。同时具有自动摄像跟踪触发功能，触发阀值、幅度、启动时间、恢复时间等参数连续可调。
- 内置测试信号发生器，输出方式可选粉红噪声，白噪声及20Hz-20kHz正弦波可调，信号幅度可调。
- 前面板带有输入输出电平指示灯、USB控制端口，后面板232&485控制端口，以及以太网连接远程控制端口，一键式连机使得用户的操作更简易快捷，电脑可无线。
- 多个用户预设，整机状态和每个预设都可以单独存储和调用。ID设置功能可以级联控制255台机器，还具有密码保护功能，使设备更安全。
- 配US-1触控盒一起使用，使设备操作简单，便捷，易控。

- 32-bit SHARC DSP process, 96kHz sampling rate, 24bit AD/DA convert.
- Each analog input channel has a +48V phantom power supply, the microphone and linear input gain can be switched, the microphone input sensitivity can be adjusted.
- The Input channel processing includes low cut, independent feedback suppression, PEQ, noise gate, gain, mute, phase, linkage adjustment, volume grouping adjustment and other processing functions.
- The output channel processing includes frequency division, PEQ, gain, mute, compression/limiter, phase, delay, linkage adjustment, volume grouping adjustment and other processing units.
- All channels' PEQ gain, bandwidth and frequency can be continuously adjusted, and the types can be selected: PEQ, low-shelf filtering, high-shelf filtering, low-cut filtering, high-cut filtering, first-order phase-shifting, second-order phse-shifting.
- Every input and output can do matrix assign flexibly, and all the input and output channels' name can be changed.
- All the input and output with independent phase curve adjust functions, PEQ style choose allpass 1 -180 ° curve adjust, allpass 2 -360 ° curve adjust.
- All types of high-cut and low-cut filters are available: Butterworth, Linkwitz-Riley, Bessel, and continuous slope.
- The input channels' noise gate threshold value, start-up time and recovery time are continuously adjustable. The output's compression/ limiter threshold, ratio, start-up time and recovery time are continuously adjusted.
- All output channel's delay modules have delay time up to 680ms.
- Parameter Settings between any channel can be copied freely, and any channel can be linkage adjusted.
- Displays the current frequency response curves of all input or output channels in any input or output channel window.
- Unique EFX channel design, with professional ECHO and REVERB dual engine multiple effectors, can beautify and modify the timbre, can also fully support the karaoke function, can be widely used in conferences, multi-function halls and other applications.
- AUX channel has powerful automatic mixing processing function, mixing threshold, amplitude, start time, recovery time and other parameters can be adjusted continuously. At the same time with automatic camera tracking trigger function, trigger threshold, amplitude, start time, recovery time and other parameters can be adjusted continuously.
- Built-in test signal generator, output mode optional pink noise, white noise and 20Hz-20kHz sinusoidal adjustable, and signal amplitude adjustable.
- The front panel is equipped with input and output level indicator light, USB control port, rear panel 232& 485 control port, and Ethernet connection remote control port. One-button connection makes the user's operation easier and faster, and the computer can be wireless.
- Multiple user presets, the complete machine state and each preset can be stored and called separately. The ID setting function can cascade control 255pcs machines, and also has password protection function to make the device more secure.
- The US-1 touch control box is used together, making the equipment easy to operate, convenient and easy to control.



pro audio

SPECIFICATIONS

型号MODEL	US8803	US1683	US16163
输入输出通道INPUT/OUTPUT CHANNELS	8进8出 8 IN/8 OUT	16进8出 16 IN/8 OUT	16进16出 16 IN/16 OUT
输入输出接口INPUT/OUTPUT CONNECTOR	输入：凤凰插座，输出：凤凰插座 INPUT/OUTPUT: PHOENIX SOCKET		
频率响应FREQUENCY RESPONSE	20Hz–20KHz ± 0.3dB	20Hz–20KHz ± 0.3dB	20Hz–20KHz ± 0.3dB
动态范围DYNAMIC RANGE	115dBu	115dBu	115dBu
失真度THD	<0.008% at 1kHz(0dBu)	<0.008% at 1kHz(0dBu)	<0.008% at 1kHz(0dBu)
串音CROSSTALK	>70dBu, 20Hz–20kHz	>70dBu, 20Hz–20kHz	>70dBu, 20Hz–20kHz
共模抑制比CMRR	>75dBu 1KHz	>75dBu 1KHz	>75dBu 1KHz
连接方式 CONNECTION TYPE	平衡式连接 BALANCED CONNECTION		
话筒输入部分 MIC INPUT	幻象电源 PHANTOM POWER 48V DC 增益GAIN 50dBu 阻抗IMPEDANCE 2KΩ	48V DC 50dBu 2KΩ	48V DC 50dBu 2KΩ
线路输入部分 LINE INPUT	连接方式 CONNECTION TYPE 平衡式连接 BALANCED CONNECTION 增益GAIN 35dBu 最大输出电平MAX OUTPUT LEVEL 18dBu 阻抗IMPEDANCE > 10KΩ	35dBu 18dBu > 10KΩ	35dBu 18dBu > 10KΩ
输出部分 OUTPUT	连接方式 CONNECTION TYPE 平衡式连接 BALANCED CONNECTION 最大输出电平MAX OUTPUT LEVEL 18dBu 阻抗IMPEDANCE < 500Ω	18dBu < 500Ω	18dBu < 500Ω
数字处理部分(DSP)	24bit sigma-delta A/D、D/A转换 CONVERSION, 32bit SHARC DSP, 96kHz采样SAMPLING		
产品尺寸DIMENSIONS(WxDxH)mm	482x254x44	482x254x89	482x254x89
产品净重NET WEIGHT	3.8KG	4.9KG	4.9KG

ES series

ES系列多通道专业卡拉OK效果器 ES1000/ES1000+
ES SERIES MULTI-CHANNELS KARAOKE EFFECTOR

- 此系列产品是具有音箱处理器功能的卡拉OK效果器，每部分功能都独立可调。
- 采用24Bit数据总线和32Bit DSP。
- MUSIC设有7段参量均衡。MUSIC到主输出高通滤波器:12dB-24dB(0Hz-303Hz)
- MIC设有15段参量均衡，麦克风有压缩限幅功能。
- 主输出设有5段参量均衡。有压缩限幅功能。
- 中置输出，后置输出及超低音均设有3段参量均衡。
- 麦克风有4种反馈抑制，并可选择OFF/1/2/3。
- 可存储16种模式。
- 麦克风输出，主输出，中置输出，超低音输出，后置输出均设有压限及延时功能。
- 内设管理者模式与用户模式，用户模式在调整参数后不能存储。
- 本机设有全功能菜单，也可通过PC界面设置。



- This series of products is a karaoke effector with speaker processor function, each part of the functions can be adjusted independently
- Adopt 24Bit data bus and 32Bit DSP
- Music is set to seven-segment parameter equalization. Music to main output high-pass filter: 12dB-24dB(0 Hz-303Hz)
- MIC is set to fifteen-segment parameter equalization. Microphone has compression and limiting function
- The main output is set to five-segment parameter equalization, has compression and limiting function.
- The middle output, the rear output and the subwoofer are all equipped with three-segment parameter equalization
- The microphone has four kinds of feedback suppression, can select OFF/1/2/3.
- Can store 16 modes.
- The microphone output,main output, middle output,subwoofer output and rear output are all equipped with limited and delay function.
- Built-in management mode and user mode, user mode after adjusting parameters can not be stored
- The effector is equipped with a full-function menu, can also be set through the PC interface.

SPECIFICATIONS

型号MODEL	ES1000	ES1000+
最大输入电平MAX.INPUT LEVEL	4V(RMS)	4V(RMS)
最大输出电平MAX.OUTPUT LEVEL	4V(RMS)	4V(RMS)
音乐通道增益MUSIC CHANNEL GAIN	Max:12dB	Max:12dB
麦克风灵敏度MICROPHONE SENSITIVITY	64mV(输出OUTPUT: 4V)	64mV(输出OUTPUT: 4V)
信噪比 S/N RATIO	> 80dB	> 80dB
输入电压INPUT VOLTAGE	AC 220V 50–60Hz	AC 220V 50–60Hz
产品尺寸DIMENSIONS(WxDxH)mm	483 x 218.5 x 47.5	483 x 218.5 x 47.5
产品净重NET WEIGHT	3.5KG	3.5KG



PSC series

电源时序器 POWER SEQUENCE CONTROLLER

PSC系列是一组功能不同的电源时序器，为工程电源管理专用产品，适用于演出、娱乐场所、会议室、教室、电影院等场所，产品配置数字实时电压指示，设有USB手机充电接口，采用30A大电流控制继电器输出，高精度磷铜多用途插座，核心控制芯片采用进口元件，双面PCB板,贴片工艺，稳定可靠，具有RS232中控接口，RS485级联、外控开关接口。

PSC series is a set of different functions of Power Sequence Controller, specially used for engineering power management, suitable for performances, entertainment venues, conference rooms, classrooms, cinemas ,etc. The product configuration digital real-time voltage indicator, is equipped with a USB charging for mobile, using 30A large current control relay output, high precision phosphor copper multi-purpose socket, the core control chip using imported components, double-sided PCB, SMT technology, stable and reliable, has the RS232 control interface, RS485 cascade, switch interface.

SPECIFICATIONS

型号 MODEL	PSC-1082	PSC-2080
输入输出阻抗 INPUT/OUTPUT IMPEDANCE	≤0.01 Ω	≤0.01 Ω
额定工作电压 RATED VOLTAGE	85V ~ 265 V 40~60Hz	85V ~ 265 V 40~60Hz
整机额定工作电流 (25°C) RATED CURRENT	≤60A(连续continued)	≤60A(连续continued)
单通道工作电流 (25°C) SINGLE CHANNEL CURRENT	≤13A(连续continued)	≤13A(连续continued)
单通道峰值电流 SINGLE CHANNEL PEAK CURRENT	≤30A	≤30A
整机静态功耗 STATIC POWER	≤8W	≤8W
电源时序隔时间 INTERVAL TIME	1s	1s
产品尺寸 DIMENSIONS(WxDxH)mm	483 × 280×55	483 × 280×46
产品净重 NET WEIGHT	5 KG	3.4 KG

FCC-1000

智能中控系统
Intelligent central control system



FCC-1000是一款智能中控系统主机，采用当今世界先进的处理芯片，具有快速处理和发送检测数据的能力，具有先进的两极交流纹波消除技术。采用TCP/UDP/IP、TTL、IR、RS232、RS485多种通讯方式，支持多种客户端设备的连接。支持平板，手机，电脑对系统进行管理；内置8路智能电源管理器，可实现通道延时可调以及通道自由编组和设备级联；面板上4.3寸真彩触摸屏，可实现本机功能控制。

FCC-1000 is an intelligent central control system host, using the advanced processing chip in the world, with the ability to quickly process and send detection data, with advanced bipolar AC ripple elimination technology. It adopts TCP/UDP/IP, TTL, IR, RS232, RS485 communication methods, supports a variety of client devices connection, supports tablet, mobile phone, computer system management. It is built in 8 channels intelligent power controller, adjustable channel delay, free channel grouping and device cascading. The 4.3" real color touch screen on the panel can realize the function control of the machine.

SPECIFICATIONS

以太网控制端口Ethernet Control Port:	1路(TJ45), 1 channel(TJ45)
红外控制端口Infrared Control Port:	1路(RJ45), 1 channel(TJ45)
TTL控制端口TTL Control Port:	1路(RJ45), 1 channel(TJ45)
RS232/RS485控制端口 Control Port:	7路(RJ45), 7 channels(RJ45)
短路信号输出控制端口Short-circuit signal output control port:	8路(凤凰端子) 8 channels (Phoenix Connector)
触摸屏控制端口Touch Screen Control Port:	4.3寸真彩触摸屏 4.3" real color touch screen
<hr/>	
强电参数Strong Current Specifications:	
工作电压 Work Voltage:	AC220V/50~60HZ
最大负载Max Load:	<7000W(阻性负载Resistive Load)
单路负载Single Channel Load:	<2500W
可控路数 Controlled Channels:	8 路(万能强电插座), 8 channels(Universal strong current socket)
外形尺寸 (长*宽*高)Dimension (LxWxH):	300*483*88mm



F series



F系列调音台 F SERIES MIXER

F260/F200是两款多功能数字调音台,具有体积小、重量轻、功能全、界面友好、操作直观、反应灵敏等特点。可与运用iOS、Android、Windows、Mac OS、Linux操作系统的设备兼容，通过WIFI/热点信号与手机、平板、电脑连接进行远程操控，具有基于“UDP”协议的中控功能。可将功能权限预设，最大限度地避免误操作。适合中小型演出、会议室、文化礼堂、多功能厅等各种扩声系统。

F260/F200 are two styles multi-function digital mixers with small size, light weight, full functions, friendly man-machine interface, intuitive and simple operation, quick response and other characteristics. They can be compatible with devices using iOS, Android, Windows, Mac OS and Linux operating systems, remotely controlled by connecting the WiFi / hot signal of the mixer via mobile phone, tablet or computer, have the function of the central control based on “UDP” protocol. The function permissions can be preset to avoid misoperation to the greatest extent. It is suitable for small and medium-sized performance, conference rooms, cultural auditoriums, multi-function halls and other sound amplification systems.



pro audio

SPECIFICATIONS

型号MODEL	F260	F200
麦克风输入Micphone Input	16路 16 channels	12路 12 channels
体声输入Stereo Input	3路 3 channels	2路 2 channels
数字立体声输入Digital Stereo Input	2路 2 channels	
BUS输出通道BUS Output	8路 channels	6路 6 channels
可编程DCA通道Programmable DCA Channels	8路 8 channels	
体声主输出Stereo Main Output	1路 1 channel	
立体声监听输出Stereo Monitor Output	1路 1 channel	
立体声数字输出Stereo Digital Output	3路 3 channels	2路 2 channels
电容触摸屏Capacitive Touch Screen	10" HD 1280x800	8" HD 1280x800
净尺寸Dimensions (WxDxH)	380mmx490mmx140mm	310mm x430mmx110mm
包装尺寸Packing Size(WxDxH)	460mmx590mmx205mm	350mmx460mmx150mm
净重N.W	6.5Kg	4.0Kg
毛重G.W.	8.8Kg	6.0Kg
硬件指标Hardware Parameters		
输入增益Input Gain	话筒/线路增益Microphone /Line Gain: -20.0dB~70.0dB	
门限Threshold: (自动瞬态Automatic Transient,自动释放Automatic Release)		
阈值Threshold Value:	-80~0dB	
压缩器Compressor		
阈值Threshold Value:	-60dB~0dB	
压缩比Compression Ratio:	1:1~1000:1	
启动时间Attack Time:	1ms~120ms	
释放时间Release Time:	10ms~4000ms	
保持时间Hold Time:	1ms~2000ms	
补偿增益Makeup Gain:	-20dB - +20dB	
输入通道均衡器Input Channel Equalizer:	4频段参数均衡器 4 frequency range parameters equalizer	
每个频段频率each frequency range:	20Hz~20kHz	
Q值 Q Value :	0.05~15	
增益Gain:	-20dB - +20dB	
HPF:	20Hz~20kHz连续可调continuous adjustable	
LPF:	20Hz~20kHz连续可调continuous adjustable	
输出通道均衡器Output Channel Equalizer:	4个31段GEQ, 20Hz~20kHz, ±15dB	
斜率Slope:	-12dB/Oct. -24dB/Oct 可选 optional	
类型Type:	Butterworth, Linkwitz-Riley	
输出的压缩器Output Compressor		
阈值Threshold Value	-60dB^ +0dB	
压缩比Compression Ratio	1:1~1000:1	
启动时间Attack Time	1ms~120ms	
释放时间Release Time	10ms~4000ms	
保持时间Hold Time	1ms~2000ms	
补偿增益Makeup Gain	-20dB - +20dB	
延迟Delay	话筒输入Mic Input -ADC-DSP-DAC-线路输出Line Output: <1ms	
输入和输出阻抗Input/Output Impedance	话筒输入Mic Input: 2.5kΩ, 线路输入Line Input: 10kΩ, 输出Output: 100Ω	
电源Power Supply	88~265VAC 47~63Hz 自动感应Auto-induction	
功耗(典型值) Power Consumption (Typical Value)	<55W	



pro audio



MT-9000

MT-9000系列演出话筒

MT-9000 SERIES PERFORMANCE
MICROPHONE

MT-9000是一款U段一拖二真分集无线麦克风系统，双天线自动分级选讯，接收距离远，不易掉线；数字导频，具有数字ID身份识别功能，杜绝干扰和窜频现象；内置强大的音频处理器，相位补偿、失真修正、动态补偿、动态扩展等功能，可根据演出现场灵活选用手持、头戴、领夹麦克风，以满足各种演出场所需要。

MT-9000 is a u-segment one tow two true diversity wireless microphone system, dual antenna automatic grading, receiving far distance, not easy to drop the line; digital pilot, with digital ID identification function, eliminate interference and frequency channeling phenomenon; Built-in powerful audio processor, phase compensation, distortion correction, dynamic compensation, dynamic expansion,etc, according to the performance site flexible selection of handheld, headworn, clip microphone, to meet the needs of various venues.

SPECIFICATIONS

	型号MODEL	MT-9000
接收机 RECEIVER	频率范围FREQUENCY RESPONSE	645.25-685.05MHz
	最大通道数 MAX. CHANNELS	200
	带宽 BAND WIDTH	40MHz
	接收灵敏度RECIVER SENSITIVITY	-105dBu
	信噪比 S/N RATIO	≥105dB(A计权)
	失真度DISTROTION	< 1%
	音频最大输出电平 MAX. OUTPUT LEVEL	8dBu
	电源POWER	18V DC 800mA
手持麦克风 HANDHELD MICROPHONE	频率范围FREQUENCY RESPONSE	645.25-685.05MHz
	带宽 BAND WIDTH	40MHz
	谐波抑制HARMONIC SUPPRESSION	>55dBc
	最大频率偏移MAX.FREQUENCY OFFSET	± 48KHz
	频率响应FREQUENCY RESPONSE	50Hz-16KHz(-3dB)
	唛头 CAPSULE	动圈心形 DYNAMIC CARDIOID
	信噪比S/N RATIO	≥105dB(A计权)
	失真度THD	< 1%
	电源POWER REQUIREMENTS	2节AA电池或者充电电池 2 AA OR RECHARGEABLE BATTERY
腰包发射器 BELTPACK TRANSMITTER	电池寿命BATTERY LIFE	8小时 (碱性电池) 8 HOURS (ALKALINE)
	频率范围FREQUENCY RESPONSE	645.25-685.05MHz
	带宽BANDWIDTH	40MHz
	谐波抑制HARMONIC SUPPRESSION	> 55dBc
	最大频率偏移MAX.FREQUENCY OFFSET	± 48KHz
	频率响应FREQUENCY RESPONSE	50Hz-18KHz(-3dB)
	话筒MICROPHONE	头戴/领夹迷你XLR, HEADWORN / CLIP MICROPHONE MINI XLR
	信噪比S/N RATIO	≥105dB(A计权)

MK-8000

MK-8000系列娱乐话筒 MK-8000 SERIES ENTERTAINMENT MICROPHONE

MK-8000是一款U段无线话筒，数字导频，具有数字ID身份识别功能，杜绝干扰和窜频现象，内置强大的音频处理器，相位补偿，失真修正、动态补偿、动态扩展等功能，广泛用于KTV、私人会所等娱乐场所。

MK-800 is a u-segment design wireless microphone, digital pilot, with digital ID identification function, eliminate interference and frequency channeling phenomenon; Built-in powerful audio processor, phase compensation, distortion correction, dynamic compensation, dynamic expansion,etc, widely used for KTV, private clubs and other entertainment venues.



SPECIFICATIONS

型号 MODEL		MK-8000	
频率范围	FREQUENCY RESPONSE	UHF640~690MHz	
接收方式	RECEIVER TYPE	FM	
调制方式	MODULATION MODE	PLL 锁相环综合控制	
频道间隔	CHANNEL SPACING	250KHz	
频点数目	FREQUENCY POINTS	200CH	
内容显示	CONTENTS DISPLAY	RF/AF/频率/电池/静音/通道 RF/AF/FREQUENCY/BATTERY/MUTE/CHANNEL	
射频稳定性	RF STABILITY	± 0.0005%	
最大偏移度	MAX.FREQUENCY OFFSET	± 35KHz音响压缩扩展处理具有自动音量控制	
		AUDIO COMPRESSION EXTENSION PROCESSING WITH AUTOMATIC	
		VOLUME CONTROL	
信噪比	S/N RATIO	< 105dB	
失真度	DISTORTION	> 0.5%	
静音控制	MUTE CONTROL	多重静音控制/数字ID导频 MULTIPLE MUTE CONTROLS / DIGITAL ID PILOT	
频率响应	FREQUENCY RESPONSE	30Hz~18KHz(± 3dB)	
灵敏度	SENSITIVITY	输入 INPUT 10~15dBV时 S/N: > 70dB	
谐波抑制比	HARMONIC SUPPRESSION	> 80dB	
副谐波	SUBHARMONIC	> 50dBc	
接收距离	RECEIVING DISTANCE	可视距离50米左右 VISUAL DISTANCE 50M	
天线搭配	ANTENNA MATCH	高、中、低 (可选) 附加天线另计距离HIGH/MEDIUM/LOW(OPTIONAL), ADDITIONAL ANTENNA (DISTANCE CALCULATED SEPARATELY)	
天线接口	ANTENNA INTERFACE	BNC/50 Ω	
发射机 TRANSMITTER	频率范围	FREQUENCY RESPONSE	UHF640~690MHz
	发射功率	TRANSMITTING POWER	10~30mW
	音头搭配	CAPSULE	动圈式 DYNAMIC
	话筒搭配	MICROPHONE	手持/领夹/头戴 HANDHELD / HEADWORN / CLIP MICROPHONE
	电源供应	POWER REQUIREMENTS	DC 12V 1A



pro audio



MC-1000

有线全数字会议系统 Wired all-digital conference system

MC-1000是一款有线全数字会议系统，本系统主机是全数字会议系统的核心部分，采用反馈抑制、噪声消除、自动增益、数字均衡等DSP处理技术。支持多种会议模式选择，适合各种类型会议。本系统主机可安装于19英寸标准机柜上，易于存放和保管。本系统会议单元采用台面可移动式，一体式大咪管；单元内置14MM高保真振膜音头，超强指向性麦克风阵列技术，拾音距离可达80CM以上。

MC-1000 is a wired full digital conference system. The host of this system is the core part of the full digital conference system. It adopts DSP processing technologies such as feedback suppression, noise cancellation, automatic gain and digital equalization. It supports a variety of meeting modes selection, suitable for various types of meetings. The main host of the system can be installed on the 19 inch standard case, easy to store and keep. The conference unit of the system adopts movable table, integrated big microphone tube. The unit is built in 14mm high-fidelity diaphragm sound head, super directional microphone array technology, and the sound picking distance can reach more than 80 CM.

SPECIFICATIONS

主机技术指标 HOST PARAMETERS

电源Power Supply:	220V AC
静态功率Static Power:	12W
最大输出功率Max Output Power:	350W
频率响应Frequency Range:	20~20kHz
信噪比(S/N Ratio):	> 80dB
总谐波失真Harmonic Distortion:	< 0.05%
通道串音Channel Crosstalk:	> 80dB
外形尺寸Dimensions:	宽W 485mm(包括把手including handles) 高H 100mm(2U,including case foot pat) 深D 355mm

列席单元话筒技术指标 CONFERENCE UNIT PARAMETERS

频率响应Frequency Range:	80Hz-16kHz
灵敏度Sensitivity:	-44dB ± 2dB
参考拾音距离Refer Sound Picking Distance:	15~80cm



MC-2000

无线全数字会议系统 Wireless all-digital conference system

MC-2000是一款无线会议系统，全数字控制，具多种发言模式，本系统主机可与视像主机连接实现视像跟踪、签到表决功能。本系统无线列席单元使用新型防啸叫单指向高灵敏度电容咪芯，采用FM调频实现声音信号传输，高保真，信噪比高，无声音延时；供电可使用普通电池，也可使用充电锂电池，既方便又环保。本系统操作简便、安装方便、经济实用，是会议工程的好选择。

MC-2000 is a wireless conference system, full digital control, with a variety of speech modes, the system host can connect with the video host to achieve video tracking, sign-in voting functions.

The wireless attendance unit of the system uses a new type of anti-noise single pointing high-sensitivity capacitor microphone core, using FM to achieve sound signal transmission, high fidelity, high signal-to-noise ratio, no sound delay; Power can be supplied by ordinary batteries or rechargeable lithium batteries, which is convenient and environmental protection. This system is easy to operate, easy to install, economical and practical, is a good choice for conference engineering.

系统总参数指标 System Overall Parameters

- 音频频率响应 Frequency Response: 50Hz ~15KHz
- 音频总增益 Gain: ≤20dB; 噪比S/N Ratio: >85dB
- 音频总谐波失真 Harmonic Distortion: ≤0.8%
- 无线信号覆盖范围: 室内半径60米(不包括使用天线延长器或天线放大器)

Wireless Signal Coverage: indoor radius 60m(excluding the use of antenna extender or antenna amplifier)

SPECIFICATIONS

主机技术指标 Host Parameters

	带表决款 Vote	纯讨论款 Discussion
主控机特点 Host Feature	内置移频功能, 带有线单元 无线单元音频输出接口 带RS-232控制接口 Built in frequency shift function, with wired unit, wireless unit audio output port, with RS-232 control port	内置移频功能 Built in frequency shift function
电源输入 Power Input	DC12V~15V, 1.0A~2.0A	
消耗功率 Consumed Power	< 7W	
工作温度 Work Temperature	-10°C~40°C	
尺寸 Dimension	485x100(2U, 包括机箱脚垫)x355mm 485x100(2U including case foot pad)x355mm	
重量 Net Weight	7.2 kg	
音频信道 Voice Channel		
通信方式 Communication Mode	UHF无线方式(单向) wireless mode, single track	
信道数 Channel Count	5路(1主席单元通道, 4代表单元通道) 5 channels (1 Chairman unit channel, 4 representative units channels)	
频率范围 Frequency Range	频率段在640MHz~669.75MHz范围内可供选择 Can be chosen from from 640MHz~669.75MHz frequency range	
调制方式 Modulation Method	FM	
接收灵敏度 Receiving Sensitivity	-100dBm	
控制信道 Control Channel		
通信方式 Communication Mode	无线方式(双向) wireless mode(double tracks)	
信道数 Channel Count	16	
频率范围 Frequency Range	422.4MHz ~ 438.4MHz	
调制方式 Modulation Method	FSK	
接收灵敏度 Receiving Sensitivity	-100dBm	
辐射功率 Radiant Power	≤+6dBm	
频率偏差 Frequency Deviation	<0.002	
数据速率 Data Rate	100KBPS	

无线款列席单元话筒技术指标 Wireless Attend Unit Microphone Parameters

	款式1 Mode 1	款式2 Mode 2
单元特点 Unit Feature	连体式大咪管, 可拆卸专用锂电池或5号电池供电 Connected large mic tube, removable special lithium battery or No.5 battery	可拆卸专用锂电池或5号电池供电 removable special lithium battery or No.5 battery
工作电源 Work Power	DC 3.7V -- 4.5V	
消耗功率 Consumed Power	待机standby ≤360mW, 讲话状态speech state ≤630mW	
工作温度 Work Temperature	-10°C~40°C	
咪杆长(mm) Mic Rod Length	240	420
底座尺寸(mm) Socket Size	152×55×140	
重量(kg) Net Weight	0.64	0.6
音频信道 Voice Channel		
通信方式 Communication Mode	UHF无线方式(单向) wireless mode(single track)	
信道数 Channel Count	5路(1主席单元通道, 4代表单元通道) 5 channels (1 Chairman unit channel, 4 representative units channels)	
频率范围 Frequency Range	频率段在640MHz~669.75MHz范围内可供选择 Can be chosen from from 640MHz~669.75MHz frequency range	
调制方式 Modulation Method	FM	
最大调制量 Max Modulation	60K	
辐射功率 Radiant Power	≤+9dBm	
频率偏差 Frequency Deviation	<0.002	
讲话距离 Speech Distance	10cm--30cm	
控制信道 Control Channel		
通信方式 Communication Mode	无线方式(双向) wireless mode(double tracks)	
信道数 Channel Count	16	
频率范围 Frequency Range	422.4MHz -- 438.4MHz	
调制方式 Modulation Method	FSK	
接收灵敏度 Receiving Sensitivity	-100dBm	
辐射功率 Radiant Power	≤+6dBm	
频率偏差 Frequency Deviation	<0.002	
数据速率 Data Rate	100KBPS	





pro audio

FA series

FA 系列有源功放模块

FA SERIES ACTIVE AMPLIFIER MODULE



FA有源功放模块，主要用于有源全频音箱，采用Class D类功放电路，模块化设计，独立PWM固频调制，以减小自激电路的差频、合频多通道干扰。两通道内置24BIT/96KHz采样频率的高性DSP处理器,RS485联机或组网调节，输入端31段PEQ，输出端10段PEQ，输入输出延时0~25ms可调，且带独立的带通滤波器，全通滤波器，独立压限，噪声门控制。产品具有功率大、失真低的特点，全屏蔽密封盒，使得产品满足电磁兼容及产品安全等级要求。

The FA series of active amplifier module, designed for full range active speakers, using Class D circuit, modularized design, independent PWM fixed frequency modulation, to reduce the difference frequency of the self-excited circuit and multichannel interference. Built-in two channel 24 bit / 96 KHz sampling frequency of the high performance DSP processor, RS485 connector or network adjustment, input 31 section PEQ, output 10 section PEQ, input/output delay 0 to 25 ms is adjustable, and bringing the independent band-pass filter, all-pass filter, independent pressure limit, the noise control. The product has large power and low distortion, and the whole shielding sealing box makes the product meet the requirements of EMC and product safety level.

SPECIFICATIONS

型号: MODEL	FA1.6	FA1.8	FA2.36	FA2.38	FA2.68
输出功率Output Power 8 Ohms	600W	800W	300W+600W	300W+800W	600W+800W
输出功率Output Power 4 Ohms	900W	1200W	450W+900W	450W+1200W	900W+1200W
DSP处理功能	/	/	DSP	DSP	DSP
频率响应Frequency Response	20Hz-20kHz				
输入阻抗Input Impedance	20k ohm/Balanced,10kohm/un-Balanced				
信噪比S/N Ratio	≥95dB				
失真度 THD	<0.5%				
阻尼系数 Damping Factor/8ohm/1kHz	>200				
转换速率Slew Rate	20V/uS				
保护功能Protection	Soft Start,Short Circuit,Limiter,DC Fault,AC Line Fuse,Thermal Cut				
电源Mains Power supply	AC:110-240V/ 50Hz-60Hz				
净重Net Weight	2Kg	2Kg	3.5 Kg	3.6 Kg	3.6 Kg

BA series

BA 系列有源功放模块

BA SERIES ACTIVE AMPLIFIER MODULE



oibus org

BA有源功放模块，主要用于有源超低音箱，采用Class D类功放电路，模块化设计，独立PWM固频调制，以减小自激电路的差频、合频多通道干扰。两通道内置24BIT/96KHz采样频率的高性DSP处理器,RS485联机或组网调节，输入端31段PEQ，输出端10段PEQ，输入输出延时0~25ms可调，且带独立的带通滤波器，全通滤波器，独立压限，噪声门控制。产品具有功率大、失真低的特点，全屏蔽密封盒，使得产品满足电磁兼容及产品安全等级要求。

The BA series of active amplifier module, designed for active subwoofers, using Class D circuit, modularized design, independent PWM fixed frequency modulation, to reduce the difference frequency of the self-excited circuit and multichannel interference. Built-in two channel 24 bit / 96 KHz sampling frequency of the high performance DSP processor, RS485 connector or network adjustment, input 31 section PEQ, output 10 section PEQ, input/output delay 0 to 25 ms is adjustable, and bringing the independent band-pass filter, all-pass filter, independent pressure limit, the noise control. The product has large power and low distortion, and the whole shielding sealing box makes the product meet the requirements of EMC and product safety level.



SPECIFICATIONS

型号: MODEL	BA1.6	BA1.8	BA2.88
输出功率Output Power 8 Ohms	600W	800W	800W+800W
输出功率Output Power 4 Ohms	900W	1200W	1200W+1200W
DSP处理功能	/	/	DSP
频率响应Frequency Response	20Hz-20kHz		
输入阻抗Input Impedance	20k ohm/Balanced,10kohm/un-Balanced		
信噪比S/N Ratio	≥95dB		
失真度 THD	<0.5%		
阻尼系数 Damping Factor/8ohm/1kHz	>200		
转换速率Slew Rate	20V/uS		
保护功能Protection	Soft Start,Short Circuit,Limiter,DC Fault,AC Line Fuse,Thermal Cut		
电源Mains Power supply	AC:110-240V/ 50Hz-60Hz		
净重Net Weight	2Kg	2Kg	3.6 Kg

SA series

SA 系列有源功放模块 SA SERIES ACTIVE AMPLIFIER MODULE



SA有源功放模块，主要用于有源系统，采用Class D类功放电路，模块化设计，独立PWM固频调制，以减小自激电路的差频、合频多通道干扰。两通道内置24BIT/96KHz采样频率的高性DSP处理器,RS485联机或组网调节，输入端31段PEQ，输出端10段PEQ，输入输出延时0~25ms可调，且带独立的带通滤波器，全通滤波器，独立压限，噪声门控制。产品具有功率大、失真低的特点，全屏蔽密封盒，使得产品满足电磁兼容及产品安全等级要求。

The SA series of active amplifier module, designed for active systems, using Class D circuit, modularized design, independent PWM fixed frequency modulation, to reduce the difference frequency of the self-excited circuit and multichannel interference. Built-in two channel 24 bit / 96 KHz sampling frequency of the high performance DSP processor, RS485 connector or network adjustment, input 31 section PEQ, output 10 section PEQ, input/output delay 0 to 25 ms is adjustable, and bringing the independent band-pass filter, all-pass filter, independent pressure limit, the noise control. The product has large power and low distortion, and the whole shielding sealing box makes the product meet the requirements of EMC and product safety level.

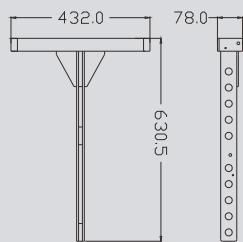
SPECIFICATIONS

型号: MODEL	SA2.36	SA2.68	SA2.68II	SA3.336	SA3.448
输出功率Output Power 8 Ohms	300W+600W	600W+800W	600W+800W	300W+300W+600W	400W+400W+800W
输出功率Output Power 4 Ohms	450W+900W	900W+1200W	900W+1200W	450W+450W+900W	600W+600W+1200W
DSP处理功能	/	/	DSP	DSP	DSP
频率响应Frequency Response	20Hz-20kHz				
输入阻抗Input Impedance	20k ohm/Balanced,10kohm/un-Balanced				
信噪比S/N Ratio	≥95dB				
失真度 THD	<0.5%				
阻尼系数 Damping Factor/8ohm/1kHz	>200				
转换速率Slew Rate	20V/uS				
保护功能Protection	Soft Start,Short Circuit,Limiter,DC Fault,AC Line Fuse,Thermal Cut				
电源Mains Power supply	AC:110-240V/ 50Hz-60Hz				
净重Net Weight	3.6Kg	3.6Kg	3.6Kg	3.8Kg	3.8Kg

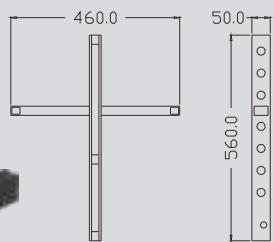
附件及配件

ATTACHED ACCESSORIES

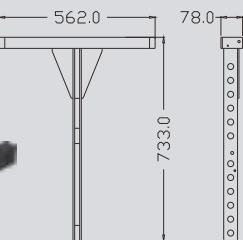
RIGGING FRAME
DLA206+DLA115B



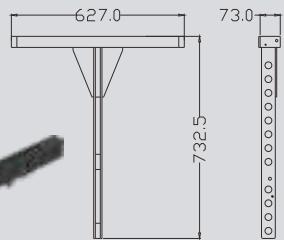
RIGGING FRAME
DLA406+DLA115W



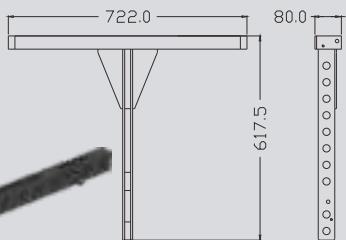
RIGGING FRAME
DLA208/DLA112+DLA118B



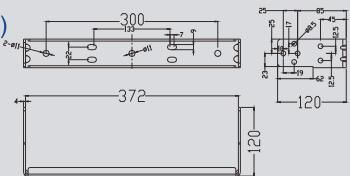
RIGGING FRAME
DLA410/DLA121B



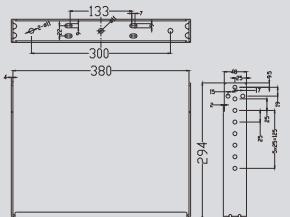
RIGGING FRAME
DLA612



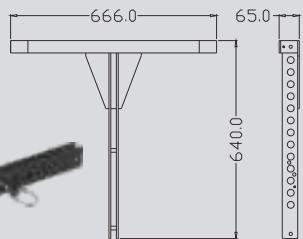
RIGGING FRAME(1)
PLA405



RIGGING FRAME(2)
PLA405



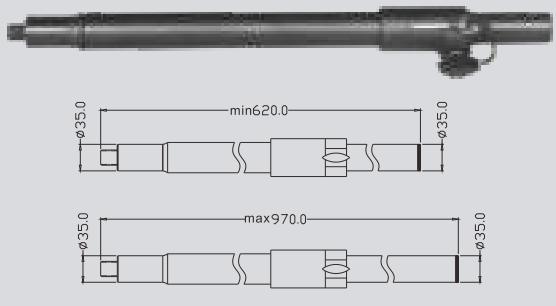
RIGGING FRAME
PLA210/PLA112



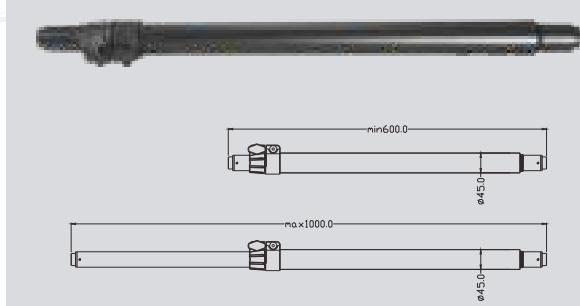
附件及配件

ATTACHED ACCESSORIES

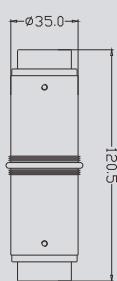
FLEXIBLE POLE(1)



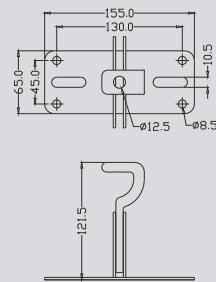
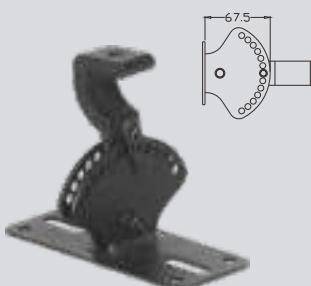
FLEXIBLE POLE(2)



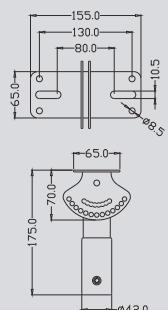
CONNECTING POLE
K SERIES



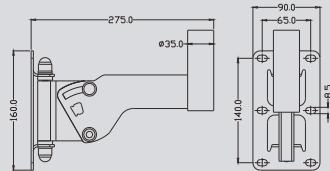
RIGGING BRACKET(1)



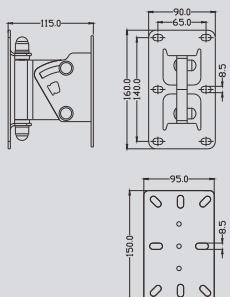
Stand Support Connector
DLA206/PLA405



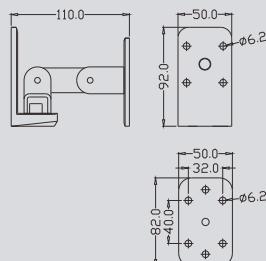
WALL BRACKET (1)



WALL BRACKET (2)



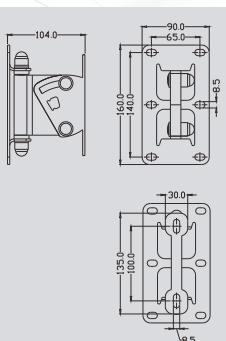
WALL BRACKET (3)



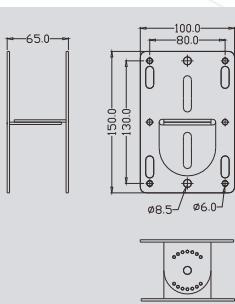
附件及配件

ATTACHED ACCESSORIES

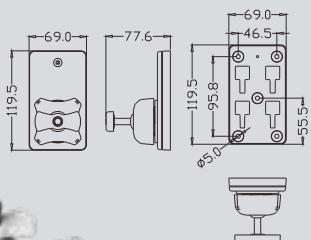
WALL BRACKET (4)



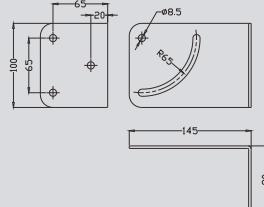
WALL BRACKET (5)



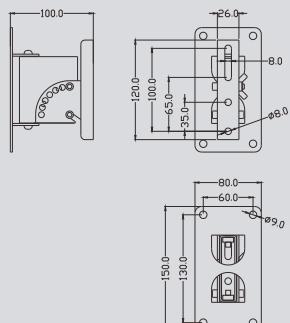
WALL BRACKET (6)



WALL BRACKET (7)



WALL BRACKET (8)



U TYPE BRACKET



FLYING RING

DIMENSIONS				
A	B	H	d	d1
M8	31	30	7	16
M8	31	40	7	18
M10	38	30	9	20
M10	38	40	9	20



U TYPE LOCK

DIMENSIONS			
B	H	d	d1
21	42	8	9
36	70	15	15
43	78	18	19



附件及配件

ATTACHED ACCESSORIES

PIN & STEEL WIRE ROPE



LOCK & STEEL WIRE ROPE



BELT



US-1 TOUCH BOX



USB DSP-485 CONVERTER



USB-RS232 CONVERTER



ES1000 CONNECTING CABLE



AUDIO CABLE



SPEAKON CONNECTOR & CABLE



CROSSOVER



附件及配件

ATTACHED ACCESSORIES

WOOFER



COMPRESSION DRIVER



RECONE-KITS



DIAPHRAGM





售后服务承诺书

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- 二. fdB电子产品，自购买之日起享有3年免费质保。3年质保期内，fdB免费维修正常使用情况下出现的故障或免费提供元器件或配件。
- 三. 因非正常使用，例如：系统搭配不合理而造成低音喇叭烧音圈，电子产品使用电压与产品标注电压不符而造成的损坏，fdb只按成本价收取维修费用、收取元器件或配件费用。

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Dear customer, thank you for choosing fdB products, all the research and development, material procurement, product manufacturing, quality control, customer service and continuous improvement process of fdB products all meet the requirements of ISO9001:2015 quality management system standard, please feel free to choose, and fdB promises:

- 1.fdB electroacoustic products, enjoy 5 years free warranty from the date of purchase. During the warranty period, fdB will free repair the products damaged under normal use or provide the free spare parts damaged under normal.
2. fdB electronic products enjoy 3 years warranty from the date of purchase. During the warranty period, fdB will free repair the products damaged under normal use or provide the free components or accessories damaged under normal use.
3. Due to abnormal use, such as woofer voice coil burnt caused by unreasonable system collocation , electronic products damaged caused by inconsistent voltage , charging maintenance fees or charging components and accessories fees at cost price.

fdB has the right of final interpretation of this commitment.

NOTES

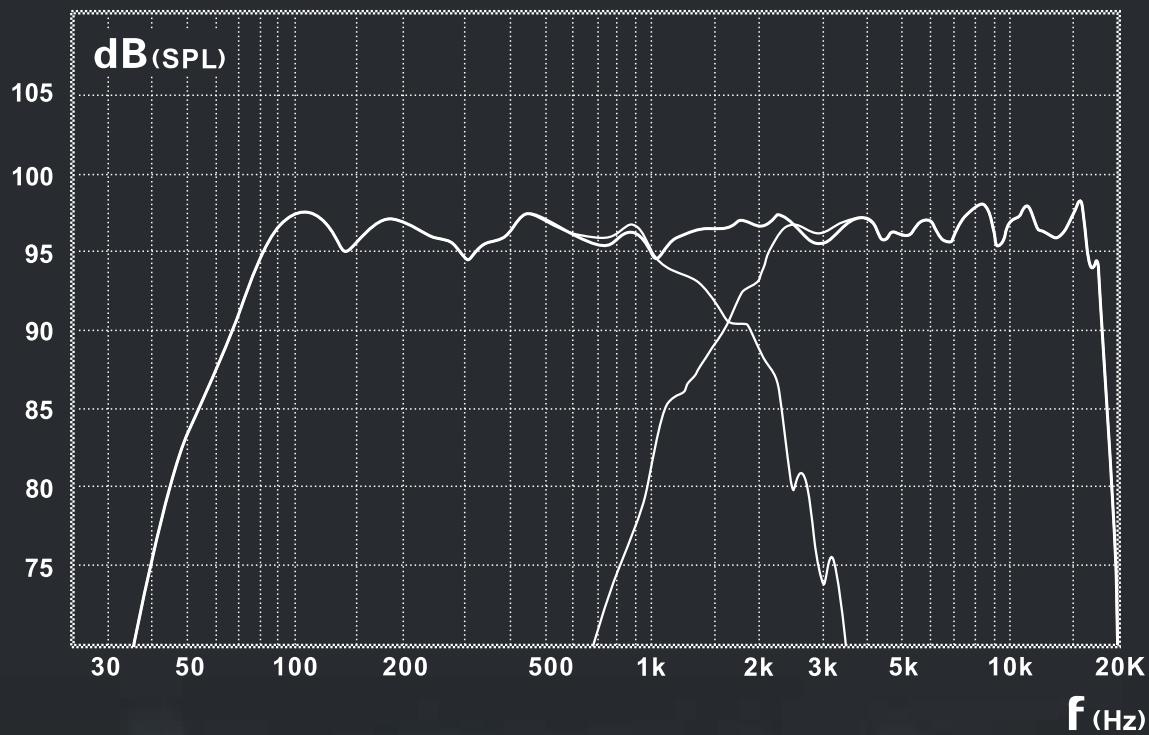


NOTES



FDB AUDIO MANUFACTURE CO.,LTD.
Tel: +86 (0)769-22781017 Fax: +86 (0)769-22781297
www.fdbaudio.com
marketing@fdbaudio.com

f & dB → FdB



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