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# INSTALLATION SERIES

## 固定安装系列

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## s)))e AUDIOTECHNIK 品牌历史

1980年，Michael von Keitz 先生在德国佐林根成立了Speaker Trade 公司，创立了“美高”这一音响品牌，不久之后，该品牌就在音响爱好者中获得了极好的口碑。

1997年，在毗邻上海的嘉善成立了附属公司-- 斯贝克电子（嘉善）有限公司，这在公司历史上具有里程碑意义。凭借先进的德式管理理念和卓越的音响制造技术，s)))e AUDIOTECHNIK生产的优质专业音响畅销全球！

其后，我们的员工队伍也在不断壮大，现有约800名员工。我们拥有专业的生产技能和设备，可自行生产所有的音箱部件：小至0.5英寸的喇叭，大至24英寸的重低音，采用各种上好木材制成的音箱箱体，还有被动分频器、A/B类功放以及带DSP和开关电源的数字高功率功放等各类装配工艺复杂的电子类产品。

最先进的生产技术和严格的质量管控保证了我们的产品是最值得您信赖的。

最后，我们对于国际团队中工程师们卓越的调音运用能力，感到非常自豪。

s)))e AUDIOTECHNIK使您乐在其中！

## s)))e AUDIOTECHNIK Corporate History

In 1980, Michael von Keitz established the company Speaker Trade in Solingen, Germany.

It did not take long for the ambitious newcomer to gain an excellent global reputation amongst audio-enthusiasts with his MIVOC brand.

1997 marks the next milestone in our corporate history by founding the 100% affiliated company Speaker Electronic in the periphery of Shanghai. Led by German management and using advanced German technology,

s)))e AUDIOTECHNIK PA-speakers of outstanding quality are produced and distributed worldwide.

Since then, our global staffs have steadily grown and currently comprise about 800 employees who, by the use of our peculiar know-how, help manufacture all essential components of loudspeaker boxes inhouse: Production of speakers starting from tiny 0.5" speaker to massive 24" subwoofer driver, crafting of housings using all kinds of important woods and surfaces, assembly of complex electronics ranging from passive crossovers to Class A/B amplifiers to digital high-power amplifiers with DSP and universal SMPS.

State-of-the-art manufacturing technology and very strict quality control guarantee you a maximum reliability of our products.

Last but not least, we are extremely proud of the excellent sound tuning that is being applied by our international team of engineers.

Please enjoy s)))e AUDIOTECHNIK !



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C-LINE工程固定安装系列产品致力于高品质，具有动态大，声压高，频响延伸好等特性，既可用于小型系统扩声应用，又可为大型系统做扩声分区与系统扩声，有充分的可靠性。

音箱箱体采用精选多层板与独特的单元做结构优化，箱体表面喷涂了耐磨特性的水性黑色撒点漆。该系列音箱配置了18个M8吊挂点，完全满足多角度的工程固定安装需求，同时，可旋转号筒能使音箱在横向竖向安装时作完美切换，极大地满足多种使用方式和各种扩声应用场所。

C-LINE is designed for fixed installations. It features high-quality components, a wide dynamic range, high SPL and extended frequency response. It is perfectly reliable for sound reinforcement of small-sized and for zoned sound reinforcement of large-sized speaker systems. The uniquely designed cabinets are made of selected multiplex and have been coated with resistant water-soluble spot painting in black. Equipped with 18 pcs of M8 rigging points and a rotatable horn, a flexible switch in both horizontal and vertical direction can be realised to meet the demands of multifunctional and soundreinforcement applications.



The Sound Experience

# C-8/ C-10

8"/10" two way full range passive loudspeaker

C-LINE工程固定安装系列产品致力于高品质，具有动态大，声压高，频响延伸好等特性，既可用于小型系统扩声应用，又可为大型系统做扩声分区与系统扩声，有充分的可靠性。

音箱箱体采用精选多层板与独特的单元做结构优化，箱体表面喷涂了耐磨特性的水性黑色撒点漆。该系列音箱配置了完整的吊挂架，不仅完美应用于工程固定安装，亦可作为多用途音箱使用，同时，90°×60°可旋转号筒能使音箱在横向竖向灵活放置时作完美切换，极大地满足多种使用方式和各种扩声应用场所。

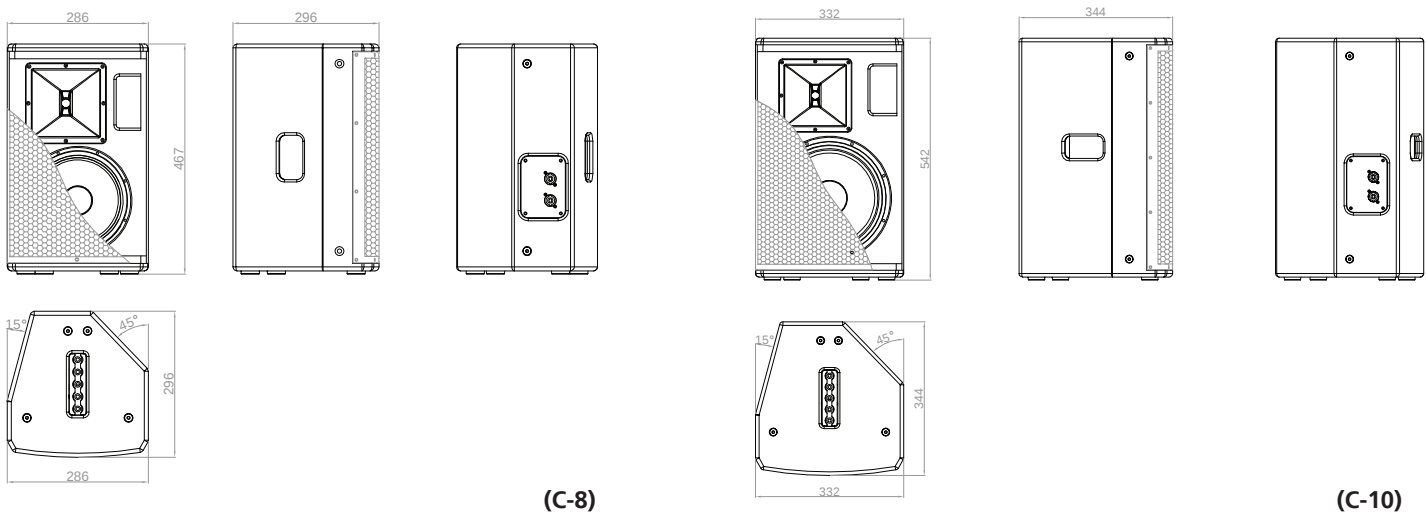
C-LINE engineering fixed-installations featured with high quality, wide dynamic range, high SPL and extended frequency response. It is reliable enough to be not only used for sound reinforcement of small-sized system, but also for zoned sound reinforcement of large-sized system. The uniquely designed cabinets are made of selected multiplex and coated with resistant water-soluble spot painting in black. Equipped with a complete set of fly ware, the series product can be perfectly applied to engineering fixed-installation. Additionally, the 90°×60°rotating horn realizes flexible switch in both horizontal and vertical direction, which helps meet the demands of multi-functional and sound reinforcement applications.



## 应用领域 Application

|            |                             |
|------------|-----------------------------|
| 娱乐会所，酒吧，夜场 | KTV, Pub, Night club        |
| 多功能厅       | Multifunctional hall        |
| 会议室，礼堂     | Conference room, Auditorium |

## 结构图 Structural diagram



(C-8)

(C-10)

## 参数规格 Specifications

|                                                          |                                                                              |
|----------------------------------------------------------|------------------------------------------------------------------------------|
| 型号名称： <b>C-8</b>                                         | <b>Model: C-8</b>                                                            |
| 类型：8"无源二分频全频音箱                                           | Type: 8" two way passive full range loudspeaker                              |
| 频率范围（-6 dB）：70 Hz-19 kHz                                 | Frequency response（-6 dB）：70 Hz-19 kHz                                       |
| 功率（额定 / 峰值）（AES）：200 W / 800 W                           | Power handling（RMS / Peak）（AES）：200 W / 800 W                                |
| 灵敏度（1 W / 1 m）：94 dB                                     | Sensitivity（1 W / 1 m）：94 dB                                                 |
| 最大声压级（1 m）：123 dB                                        | MAX SPL（1 m）：123 dB                                                          |
| 阻抗：8 Ω                                                   | Impedance: 8 Ω                                                               |
| 指向角度（水平 垂直）：90° × 60° ,号角可以旋转                            | Dispersion（H × V）：90° × 60°, HF-Horn rotatable                               |
| 低音单元：8"铁氧体单元, 2"音圈                                       | LF Transducer: 8", ferrite magnet, 2" voice coil                             |
| 高音单元：1"铁氧体钛膜压缩单元,1.35"音圈                                 | HF Transducer: 1", titanium film ferrite, compression unit, 1.35" voice coil |
| 保护：高音保护                                                  | Protection: Tweeter protection                                               |
| 输入接口：2× Neutrik NL-4 pins+1/-1 input/ THRU, pins+2/-2 空接 | Input interface: 2× Neutrik NL-4 pins+1/-1 input/ THRU, pins+2/-2 N.C.       |
| 吊挂系统：14个M8吊挂点,1×5孔飞机条                                    | Rigging system: 14× M8 rigging point, 1× 5 cargo tracks                      |
| 箱体材料/喷漆：15mm精选多层板/ 聚脲喷漆                                  | Cabinet material / Coating: 15mm selected plywood / Polyurea coating         |
| 尺寸（W × H × D）：286 × 467 × 296 mm                         | Dimensions（W × H × D）：286 × 467 × 296 mm                                     |
| 净重：12.5 kg                                               | Net Weight: 12.5 kg                                                          |
| 可选附件：见附件页面                                               | Available accessory: See accessories page                                    |

## 型号名称：C-10

|                                                          |                                                                         |
|----------------------------------------------------------|-------------------------------------------------------------------------|
| 类型：10"无源二分频全频音箱                                          | Type: 10" two way passive full range loudspeaker                        |
| 频率范围（-6 dB）：60 Hz - 19 kHz                               | Frequency response（-6 dB）：60 Hz - 19 kHz                                |
| 功率（额定 / 峰值）（AES）：250 W / 1000 W                          | Power handling（RMS / Peak）（AES）：250 W / 1000 W                          |
| 灵敏度（1 W / 1 m）：95 dB                                     | Sensitivity（1 W / 1m）：95 dB                                             |
| 最大声压级（1 m）：125 dB                                        | MAX SPL（1 m）：125 dB                                                     |
| 阻抗：8 Ω                                                   | Impedance: 8 Ω                                                          |
| 指向角度（水平 垂直）：90° × 60° ,号角可以旋转                            | Dispersion（H × V）：90° × 60°, HF-Horn rotatable                          |
| 低音单元：10"铁氧体单元, 2.5"音圈                                    | LF Transducer: 10", ferrite magnet, 2.5" voice coil                     |
| 高音单元：1"铁氧体PEN膜压缩单元, 1.75"音圈                              | HF Transducer: 1", ferrite, PEN film compression unit, 1.75" voice coil |
| 保护：高音保护                                                  | Protection: Tweeter protection                                          |
| 输入接口：2× Neutrik NL-4 pins+1/-1 input/ THRU, pins+2/-2 空接 | Input interface: 2× Neutrik NL-4 pins+1/-1 input/ THRU, pins+2/-2 N.C.  |
| 吊挂系统：14个M8吊挂点, 1×5孔飞机条                                   | Rigging system: 14× M8 rigging point, 1× 5 cargo tracks                 |
| 箱体材料 / 喷漆：15 mm精选多层板 / 聚脲喷漆                              | Cabinet material / Coating: 15 mm selected plywood / Polyurea coating   |
| 尺寸（W × H × D）：332 × 542 × 344 mm                         | Dimensions（W × H × D）：332 × 542 × 344 mm                                |
| 净重：15.5 kg                                               | Net Weight: 15.5 kg                                                     |
| 可选附件：见附件页面                                               | Available accessory: See accessories page                               |

# C-12/ C-15

12"/15" two way full range passive loudspeaker

C-LINE工程固定安装系列产品致力于高品质，具有动态大，声压高，频响延伸好等特性，既可用于小型系统扩声应用，又可为大型系统做扩声分区与系统扩声，有充分的可靠性。

音箱箱体采用精选多层板与独特的单元做结构优化，箱体表面喷涂了耐磨特性的水性黑色撒点漆。该系列音箱配置了完整的吊挂架，不仅完美应用于工程固定安装，亦可作为多用途音箱使用，同时，可旋转号筒能使音箱在横向竖向灵活放置时作完美切换，极大地满足多种使用方式和各种扩声应用场所。

C-LINE engineering fixed-installations featured with high quality, wide dynamic range, high SPL and extended frequency response. It is reliable enough to be not only used for sound reinforcement of small-sized system, but also for zoned sound reinforcement of large-sized system.

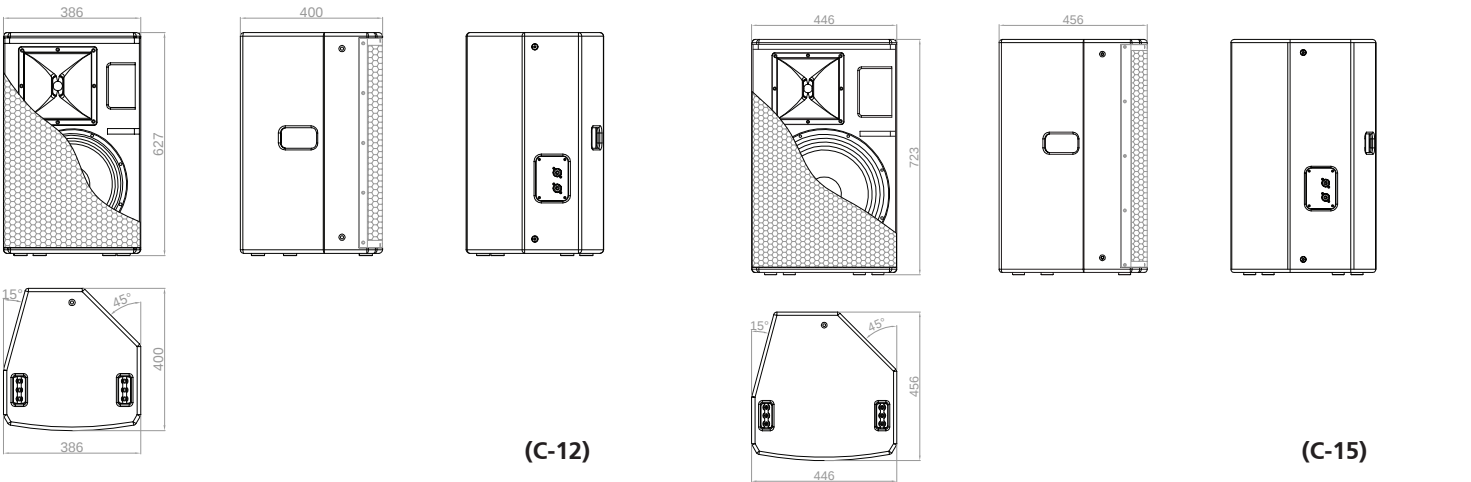
The uniquely designed cabinets are made of selected multiplex and coated with resistant water-soluble spot painting in black. Equipped with a complete set of fly ware, the series product can be perfectly applied to engineering fixed-installation. Additionally, the 90°×60°rotating horn realizes flexible switch in both horizontal and vertical direction, which helps meet the demands of multi-functional and sound reinforcement applications.



## 应用领域 Application

|            |                             |
|------------|-----------------------------|
| 娱乐会所，酒吧，夜场 | KTV, pub, Night club        |
| 多功能厅       | Multifunctional hall        |
| 会议室，礼堂     | Conference room, Auditorium |

## 结构图 Structural diagram



## 参数规格 Specifications

|                                                           |                                                                        |
|-----------------------------------------------------------|------------------------------------------------------------------------|
| 型号名称：C-12                                                 | Model: C-12                                                            |
| 类型：12”无源二分频全频音箱                                           | Type: 12” two way passive full range loudspeaker                       |
| 频率范围（-6 dB）：55 Hz - 19 kHz                                | Frequency response（-6 dB）：55 Hz - 19 kHz                               |
| 功率（额定 / 峰值）（AES）：375 W / 1500 W                           | Power handling（RMS / Peak）（AES）：375 W / 1500 W                         |
| 灵敏度（1 W / 1 m）：97 dB                                      | Sensitivity（1 W / 1 m）：97 dB                                           |
| 最大声压级（1 m）：129 dB                                         | MAX SPL（1 m）：129 dB                                                    |
| 阻抗: 8 Ω                                                   | Impedance: 8 Ω                                                         |
| 指向角度（水平 × 垂直）：90° × 60° ,号角可以旋转                           | Dispersion（H × V）：90° × 60°, HF-Horn rotatable                         |
| 低音单元: 12"铁氧体单元, 3"音圈                                      | LF Transducer: 12", ferrite magnet, 3" voice coil                      |
| 高音单元: 1"铁氧体PEN膜压缩单元,1.75"音圈                               | HF Transducer: 1", ferrite, PEN film compression unit,1.75" voice coil |
| 保护: 高音保护                                                  | Protection: Tweeter protection                                         |
| 输入接口: 2× Neutrik NL-4 pins+1/-1 input/ THRU, pins+2/-2 空接 | Input interface: 2× Neutrik NL-4 pins+1/-1 input/ THRU, pins+2/-2 N.C. |
| 吊挂系统: 12个M8吊挂点,4 × 3孔飞机条                                  | Rigging system: 12× M8 rigging point, 4× 3 cargo tracks                |
| 箱体材料/喷漆: 15 mm精选多层板/ 聚脲喷漆                                 | Cabinet material / Coating: 15mm selected plywood / Polyurea coating   |
| 尺寸（W×H×D）：386 × 627 × 400 mm                              | Dimensions（W×H×D）：386 × 627 × 400 mm                                   |
| 净重: 23 kg                                                 | Net weight: 23 kg                                                      |
| 可选附件: 见附件页面                                               | Available accessory: See accessories page                              |

|                                                           |                                                                         |
|-----------------------------------------------------------|-------------------------------------------------------------------------|
| 型号名称：C-15                                                 | Model: C-15                                                             |
| 类型：15”无源二分频全频音箱                                           | Type: 15” two way passive full range loudspeaker                        |
| 频率范围（-6 dB）：45 Hz - 19 kHz                                | Frequency response（-6 dB）：45 Hz - 19 kHz                                |
| 功率（额定 / 峰值）（AES）：450 W / 1800 W                           | Power handling（RMS / Peak）（AES）：450 W / 1800 W                          |
| 灵敏度（1 W / 1 m）：98 dB                                      | Sensitivity（1 W / 1 m）：98 dB                                            |
| 最大声压级（1 m）：131 dB                                         | MAX SPL（1 m）：131 dB                                                     |
| 阻抗: 8 Ω                                                   | Impedance: 8 Ω                                                          |
| 指向角度（水平 垂直）：90° × 60° ,号角可以旋转                             | Dispersion（H × V）：90° × 60°, HF-Horn rotatable                          |
| 低音单元: 15"铁氧体单元, 3"音圈                                      | LF Transducer: 15", ferrite magnet, 3" voice coil                       |
| 高音单元: 1"PEN膜压缩单元, 1.75"音圈                                 | HF Transducer: 1", ferrite, PEN film compression unit, 1.75" voice coil |
| 保护: 高音保护                                                  | Protection: tweeter protection                                          |
| 输入接口: 2× Neutrik NL-4 pins+1/-1 input/ THRU, pins+2/-2 空接 | Input interface: 2× Neutrik NL-4 pins+1/-1 input/ THRU, pins+2/-2 N.C.  |
| 吊挂系统: 8个M8,吊挂点, 4 × 3孔飞机条                                 | Rigging system: 8× M8 rigging point, 4× 3 cargo tracks                  |
| 箱体材料/喷漆: 15 mm精选多层板/ 聚脲喷漆                                 | Cabinet material / Coating: 15 mm selected plywood / Polyurea coating   |
| 尺寸（W × H × D）：446 × 723 × 456 mm                          | Dimensions（W × H × D）：446 × 723 × 456 mm                                |
| 净重: 28.5 kg                                               | Net weight: 28.5 kg                                                     |
| 可选附件: 见附件页面                                               | Available accessory: See accessories page                               |

# CV-118BG2 / CV-218BG2

Single/Dual 18" bandpass/Bass reflex subwoofer

CV-118BG2是单18" 850W带通式超低音箱。  
CV-218BG2是双18" 1700W倒相式超低音箱。  
两款超低能完美的匹配CV系列和K系列的全频箱。定制开发的大功率18”单元，配套精选的多层板箱体和高强度钢网，低频干净扎实而有弹性。

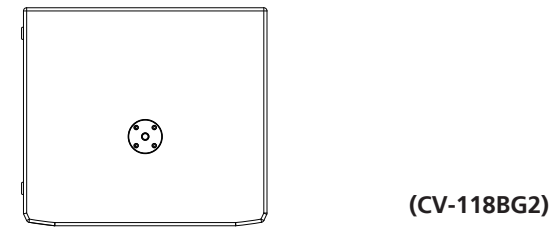
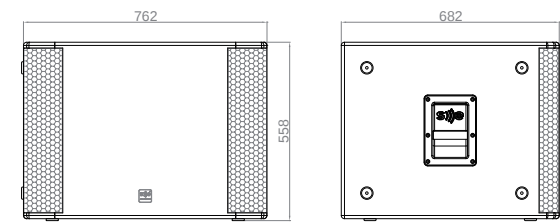
The CV-118BG2 is a single 18” bandpass subwoofer with 850W RMS power handling and a peak SPL of 134 dB.  
CV-218BG2 is a dual 18” bass reflex subwoofer with 1700W RMS power handling and a peak SPL of 140 dB.  
Each subwoofer can be perfectly blended with full range loudspeakers of both C-, CV- and K-Line. With custom-developed high power 18” transducers,selected plywood cabinets and substantial grilles, they are able to produce clean but powerful bass.



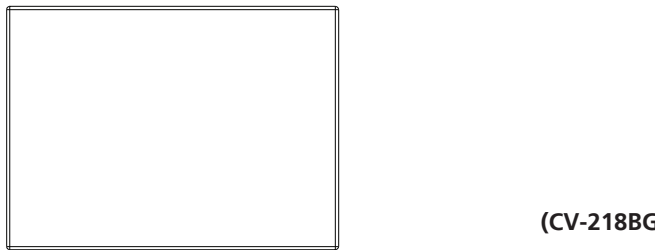
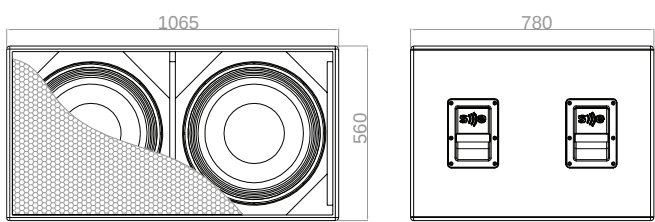
## 应用领域 Application

- 娱乐会所，酒吧，夜场
- 多功能厅
- 乐队演出
- KTV, pub, Night club
- Multifunctional hall
- Band performance

## 结构图 Structural diagram



(CV-118BG2)



(CV-218BG2)

## 参数规格 Specifications

|                                                                        |                                                                                    |
|------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| 型号名称: <b>CV-118BG2</b>                                                 | <b>Model: CV-118BG2</b>                                                            |
| 类型: 单18"带通式超低音箱                                                        | Type: 18" bandpass subwoofer                                                       |
| 频率范围 (-6 dB) : 40 Hz - 200 Hz                                          | Frequency response (-6 dB) : 40 Hz - 200 Hz                                        |
| 功率 (额定 / 峰值) : (IEC) 600 W / 2400 W (AES) 850 W / 3400 W               | Power handling (RMS / Peak) : (IEC) 600 W / 2400 W (AES) 850 W / 3400 W            |
| 灵敏度 (1 W / 1 m) : 99 dB                                                | Sensitivity (1 W / 1 m) : 99 dB                                                    |
| 最大声压级 (1 m) : 134 dB                                                   | MAX SPL (1 m) : 134 dB                                                             |
| 阻抗: 8 Ω                                                                | Impedance: 8 Ω                                                                     |
| 低音单元: 18"铁氧体单元, 4"音圈                                                   | LF Transducer: 18", ferrite magnet, 4" voice coil                                  |
| 输入接口: 2 × Neutrik NL-4<br>pins +1 / -1 input / THRU<br>pins +2 / -2 空接 | Input interface: 2× Neutrik NL-4<br>pins +1 / -1 input / THRU<br>pins +2 / -2 N.C. |
| 箱体材料/喷漆: 18 mm精选多层板 / PU撒点漆                                            | Cabinet material / Coating: 18 mm selected plywood / PU texture coating            |
| 尺寸 (W × H × D) : 762 × 558 × 682 mm                                    | Dimensions (W × H × D) : 762 × 558 × 682 mm                                        |
| 净重: 62 kg                                                              | Net weight: 62 kg                                                                  |
| 可选附件: 见附件页面                                                            | Available accessory: See accessories page                                          |

|                                                                        |                                                                                    |
|------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| 型号名称: <b>CV-218BG2</b>                                                 | <b>Model: CV-218BG2</b>                                                            |
| 类型: 双18"倒相式超低音箱                                                        | Type: Dual 18" bass reflex subwoofer                                               |
| 频率范围 (-6 dB) : 35 Hz - 200 Hz                                          | Frequency response (-6dB) : 35 Hz - 200 Hz                                         |
| 功率 (额定 / 峰值) : (IEC) 1200W / 4800 W (AES) 1700 W / 6800 W              | Power handling (RMS/Peak) : (IEC) 1200 W / 4800 W (AES) 1700 W / 6800 W            |
| 灵敏度 (1 W / 1 m) : 102 dB                                               | Sensitivity (1 W / 1 m) : 102 dB                                                   |
| 最大声压级 (1 m) : 140 dB                                                   | MAX SPL (1 m) : 140 dB                                                             |
| 阻抗: 4 Ω                                                                | Impedance: 4 Ω                                                                     |
| 低音单元: 2 × 18"铁氧体单元, 4"音圈                                               | LF Transducer: 2× 18", ferrite magnet , 4" voice coil                              |
| 输入接口: 2 × Neutrik NL-4<br>pins +1 / -1 input / THRU<br>pins +2 / -2 空接 | Input interface: 2× Neutrik NL-4<br>pins +1 / -1 input / THRU<br>pins +2 / -2 N.C. |
| 箱体材料/喷漆: 18 mm精选多层板 / PU撒点漆                                            | Cabinet material / Coating: 18 mm selected plywood / PU texture coating            |
| 尺寸 (W × H × D) : 1065 × 560 × 780 mm                                   | Dimensions (W × H × D) : 1065 × 560 × 780 mm                                       |
| 净重: 90 kg                                                              | Net weight: 90 kg                                                                  |



# COX -LINE

COX-LINE同轴音箱采用同芯同磁结构；在声音上有着极好的清晰度，结构非常紧凑，体积小，声压大，造型美，配置吊挂架可以满足产品的垂直和水平安装；对于室内扩声，中小型场所的补声，会议室扩声有着广泛的使用范围。

With the coaxial and co-magnetic structure, the 8" / 12" coaxial loudspeaker can produce sound with an excellent articulation. It is characterized by compact configuration, small size, high SPL and appealing design. The mounting bracket is used for both horizontal and vertical installation. It has been widely used in medium and small-scale venues for indoor sound reinforcement.



The Sound  
Experience

# COX 8 / COX 12

8" / 12" Coaxial two way passive full range loudspeaker

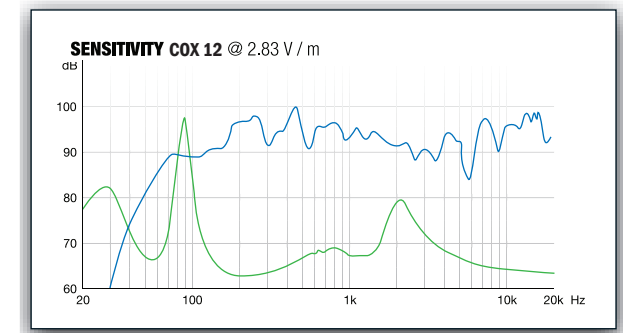
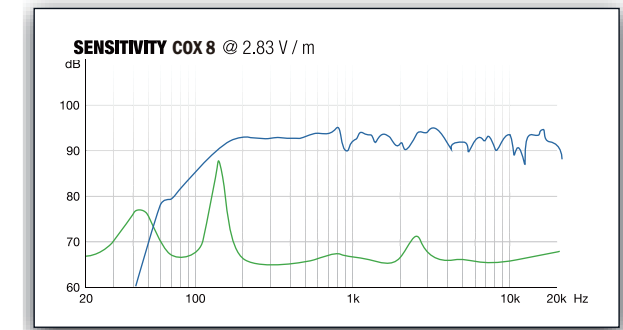
8" / 12"同轴音箱采用同芯同磁结构；在声音上有着极好的清晰度，结构非常紧凑，体积小，声压大，造型美，配置吊挂架可以满足产品的垂直和水平安装；对于室内扩声，中小型场所的补声，会议室扩声有着广泛的使用范围。

With the coaxial and co-magnetic structure, the 8" / 12"coaxial loudspeaker can produce sound with an excellent articulation.It is characterized by compact configuration, small size, high SPL and appealing design. The mounting bracket is used for both horizontal and vertical installation. It has been widely used in medium and small-scale venue for indoor sound reinforcement.

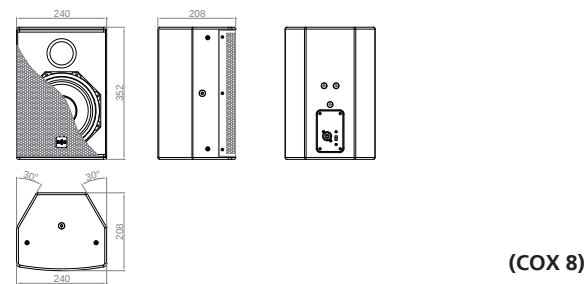
## 应用领域 Application

- 会议室
- 多功能厅,小型扩声
- Conference room
- Multifunctional hall, Small-scale sound reinforcement

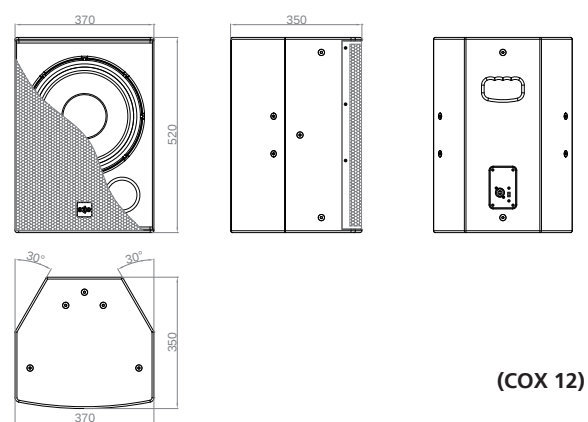
## 曲线图 Graph



## 结构图 Structural diagram



(COX 8)



(COX 12)

## 参数规格 Specification

|                                                          |                                                                                         |
|----------------------------------------------------------|-----------------------------------------------------------------------------------------|
| 型号名称： <b>COX 8</b>                                       | <b>Model: COX 8</b>                                                                     |
| 类型：8"无源同轴二分频全频音箱                                         | Type: 8" coaxial two way passive full range loudspeaker                                 |
| 频率范围（-10 dB）：75 Hz - 20 kHz, 带高频-3 dB衰减选择开关              | Frequency response（-10 dB）：75 Hz - 20 kHz, with -3 dB high-frequency attenuation switch |
| 功率（额定/峰值）：<br>(IEC)180 W / 720 W    (AES) 250 W / 1000 W | Power handling（RMS. / Peak）：<br>(IEC) 180 W / 720 W    (AES) 250 W / 1000 W             |
| 灵敏度（1 W / 1 m）：93 dB                                     | Sensitivity（1 W / 1 m）：93 dB                                                            |
| 最大声压级（1 m）：125 dB                                        | MAX SPL（1 m）：125 dB                                                                     |
| 阻抗： <b>8 Ω</b>                                           | Impedance: 8 Ω                                                                          |
| 指向角度（水平    垂直）：90° × 90°                                 | Dispersion（H × V）：90° × 90°                                                             |
| 低音单元: 8"铁氧体单元，2"音圈                                       | LF Unit: 8" ferrite magnet, 2" voice coil                                               |
| 高音单元: 1.75"铁氧体PEN压缩同轴单元                                  | HF Unit: 1.75" ferrite PEN film compression unit                                        |
| 保护: 高音保护                                                 | Protection: Tweeter protection                                                          |
| 输入接口：<br><br>6/4                /46; :<br>6/4            | Input interface:<br>1 × Neutrik NL-4 pins +1 / -1 input<br>pins +2 / -2 THRU            |
| 吊挂系统: 8个M5吊挂点，3个M6吊挂点，6个M8吊挂点                            | Rigging system: 8× M5 rigging point, 3× M6 rigging point, 6× M8 rigging point           |
| 箱体材料/喷漆: 12 mm多层板 / 水性漆                                  | Cabinet material / Coating: 12 mm selected plywood / Water borne texture coating        |
| 尺寸（W × H × D）：240 × 352 × 208 mm                         | Dimensions（W × H × D）：240 × 352 × 208 mm                                                |
| 净重: 7.8 kg                                               | Net weight: 7.8 kg                                                                      |
| 可选附件: 见附件页面                                              | Available accessory: See accessories page                                               |

|                                                                   |                                                                                    |
|-------------------------------------------------------------------|------------------------------------------------------------------------------------|
| 型号名称： <b>COX 12</b>                                               | <b>Model: COX 12</b>                                                               |
| 类型：12"无源同轴二分频全频音箱                                                 | Type: 12" coaxial two way passive full range loudspeaker                           |
| 频率范围（-6 dB）：50 - 20 kHz, 带高频-3 dB衰减选择开关                           | Frequency response（-6 dB）：50 - 20 kHz, with -3dB high-frequency attenuation switch |
| 功率（额定/峰值）：<br>(IEC) 300 W / 1200 W    (AES) 400 W / 1600 W        | Power handling（RMS. / Peak）：<br>(IEC) 300 W / 1200 W    (AES) 400 W / 1600 W       |
| 灵敏度（1 W / 1 m）：97 dB                                              | Sensitivity（1 W / 1 m）：97 dB                                                       |
| 最大声压级（1 m）：128 dB                                                 | MAX SPL（1 m）：128 dB                                                                |
| 阻抗： <b>8 Ω</b>                                                    | Impedance: 8 Ω                                                                     |
| 指向角度（水平×垂直）： <b>75° × 75°</b>                                     | Dispersion（H × V）：75° × 75°                                                        |
| 低音单元: 12"铁氧体单元，3"音圈                                               | LF Unit: 12" ferrite magnet, 3" voice coil                                         |
| 高音单元: 1.4"钕磁PEN压缩同轴单元，1.75"音圈                                     | HF Unit: 1.4" neodymium PEN film compression unit, 1.75" voice coil                |
| 保护: 高音保护                                                          | Protection: Tweeter protection                                                     |
| 输入接口：<br>1 × Neutrik NL-4 pins +1 / -1 input<br>pins +2 / -2 THRU | Input interface:<br>1× Neutrik NL-4 pins +1 / -1 input<br>pins +2 / -2 THRU        |
| 吊挂系统: 18个M8吊挂点                                                    | Rigging system: 18× M8 rigging point                                               |
| 箱体材料 / 喷漆: 15 mm多层板 / 水性漆                                         | Cabinet material / Coating: 15 mm selected plywood / Water borne texture coating   |
| 尺寸（W × H × D）：370 × 520 × 350 mm                                  | Dimensions（W × H × D）：370 × 520 × 350 mm                                           |
| 净重: 21.5 kg                                                       | Net weight: 21.5 kg                                                                |
| 可选附件: 见附件页面                                                       | Available accessory: See accessories page                                          |



# M -LINE

M-Line是一个多功能系列，涵盖了多规格小型固定安装，有源同轴舞台监听，有源紧凑2.1PA系统和MA 2000系列功放。M-Line的特点是产品有较高的性价比，较多的型号自带功放，因此具有较好的使用便利性。

M-Line is a multi-functional series including several models of small sized fixed-installation systems, active coaxial stage monitoring systems, active compact 2.1 PA systems and MA 2000 amplifier series. This line offers a higher performance to price ratio and more models with built-in amplifiers, which makes daily application even more convenient.



The Sound  
Experience

# M-42(W)G2 / M-242(W)G2

4” Two way passive installation loudspeaker (sealed)

M-42(W)G2工程安装系列是专门针对中小型场所扩声设计的全频音箱，如咖啡厅，餐厅，专卖店和家庭录音等场所，亦可作为环绕箱与M-88BG2&M-88ABG2组合使用。产品设计独具魅力，箱体采用了坚固的中纤板及非常耐用的撒点漆；白色款可选。

M-242(W)G2音箱，采用双4”低音单元和出色的球顶丝膜高音,可承受更大的应用功率，更高的声压输出及更紧凑的结构设计。白色款可选。精巧的SMB铝支架确保了八寸系列最佳的安装灵活性及角度可调性。

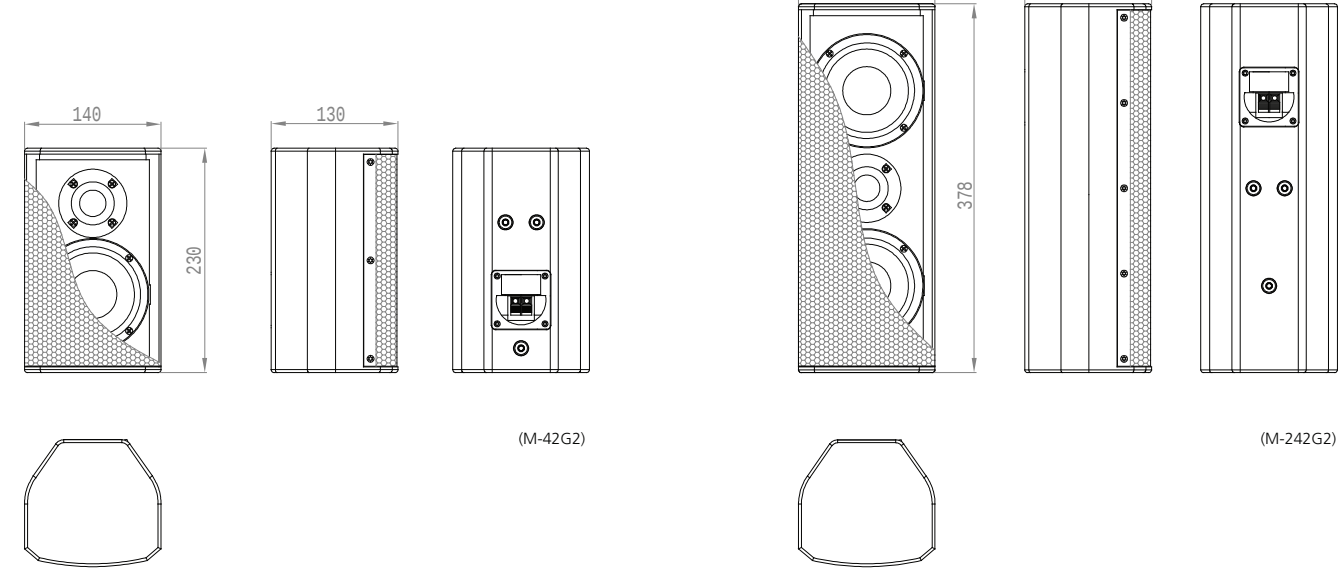
M-42(W)G2 is ideally used either as a full-range speaker for smaller installations, cafes, bistros, fashion shops or as a satellite in combination with M-88BG2 & M-88ABG2.The attractive design features a sturdy MDF housing with a very durable textured finish. Optimal installation is ensured by the included Smart-Mounting-Bracket. White colour is available.

The M-242(W)G2 features dual 4” woofers. It offers higher SPL and an attractive and compact design. Smart-Mounting-Bracket included. White colour is available.

## 应用领域 Application

- 咖啡厅 Cafes
- 小餐馆 Bistros
- 小型会议 Small-scale meeting
- 时装店 Fashion shop

## 结构图 Structural diagram



## 参数规格 Specification

|                                   |                                                            |
|-----------------------------------|------------------------------------------------------------|
| 型号名称: <b>M-42 (W) G2</b>          | <b>Model: M-42 (W) G2</b>                                  |
| 类型: 4”无源二分频音箱(密闭式)                | Type: 4” two way passive loudspeaker (sealed)              |
| 频率范围(-6 dB): 75 Hz - 20 kHz       | Frequency response (-6 dB) : 75 Hz - 20 kHz                |
| 功率(RMS): 60 W / 100 W             | Power handling (RMS / Peak) (AES) : 60 W / 100 W           |
| 灵敏度(1 W / 1 m): 85 dB             | Sensitivity (1 W / 1 m) : 85 dB                            |
| 最大声压级(1 m): 103 dB                | MAX SPL (1m) : 103 dB                                      |
| 阻抗: 16 Ω                          | Impedance: 16 Ω                                            |
| 指向角度(水平 垂直): 60° × 60°            | Dispersion (H × V) : 60° × 60°                             |
| 低音单元: 4”铁氧体单元, 1”音圈               | LF Transducer: 4”, ferrite magnet, 1” voice coil           |
| 高音单元: 钕磁丝膜单元, 1”音圈                | HF Transducer: Neodymium magnet, 1” voice coil             |
| 分频点: 3.2 kHz                      | Crossover frequency: 3.2 kHz                               |
| 输入/输出接口: 夹式连接                     | Input interface: Clamp connection                          |
| 吊挂系统: 3个M6吊挂点                     | Rigging system: 3× M6 rigging points                       |
| 箱体材料/喷漆: 12 mm MDF / PU撒点漆        | Cabinet material / Coating: 12 mm MDF / PU texture coating |
| 尺寸(W × H × D): 140 × 230 × 130 mm | Dimensions (W × H × D) : 140 × 230 × 130 mm                |
| 净重: 2.7 kg                        | Net Weight: 2.7 kg                                         |
| 可选附件: 见附件页面                       | Available accessory: See accessories page                  |

|                                   |                                                            |
|-----------------------------------|------------------------------------------------------------|
| 型号名称: <b>M-242 (W) G2</b>         | <b>Model: M-242 (W) G2</b>                                 |
| 类型: 4”无源二分频音箱(密闭式)                | Type: 4” two way passive loudspeaker (sealed)              |
| 频率范围(-6 dB): 75 Hz-20 kHz         | Frequency response (-6 dB) : 75 Hz-20 kHz                  |
| 功率(RMS): 100 W / 180 W            | Power handling (RMS / Peak) (AES) : 100 W / 180 W          |
| 灵敏度(1 W / 1 m): 88 dB             | Sensitivity (1 W / 1 m) : 88 dB                            |
| 最大声压级(1 m): 108 dB                | MAX SPL (1 m) : 108 dB                                     |
| 阻抗: 8 Ω                           | Impedance: 8 Ω                                             |
| 指向角度(水平 x 垂直): 60° × 60°          | Dispersion (H × V) : 60° × 60°                             |
| 低音单元: 2× 4”铁氧体单元, 1”音圈            | LF Transducer: 2× 4”, ferrite magnet, 1” voice coil        |
| 高音单元: 钕磁丝膜单元, 1”音圈                | HF Transducer: Neodymium magnet, 1” voice coil             |
| 分频点: 3.2 kHz                      | Crossover frequency: 3.2 kHz                               |
| 输入/输出接口: 夹式连接                     | Input interface: Clamp connection                          |
| 吊挂系统: 3个M6吊挂点                     | Rigging system: 3× M6 rigging points                       |
| 箱体材料/喷漆: 12 mm MDF / PU撒点漆        | Cabinet material / Coating: 12 mm MDF / PU texture coating |
| 尺寸(W × H × D): 140 × 378 × 130 mm | Dimensions (W × H × D) : 140 × 378 × 130 mm                |
| 净重: 4.8 kg                        | Net weight: 4.8 kg                                         |
| 可选附件: 见附件页面                       | Available accessory: See accessories page                  |

## M-62(W)G2 / M-62A(W)G2 / M-62 100V(W)G2

6" Two way passive installation loudspeaker (vented)

M-62(W)G2 全方位安装音箱是M-42(W)G2 的放大款，有着更大的功率及更佳的音质；独立使用也有杰出的性能，产品描述及使用可参考M-42(W)G2 。白色款可选。

M-62A(W)G2 是完美的有源监听设备，适用于多种应用范围，箱体内置50W功放并含有自动省电模式，若3分钟内无信号输入则自动进入待机状态。白色款可选。

M-62 100V(W)G2 是定压款，内置25W变压器，4档可调。精巧的SMB铝支架确保了八寸系列最佳的安装灵活性及角度可调性。白色款可选。

M-62(W)G2 is the bigger brother of our 4" installation system. It offers higher power handling and an even further improved sound quality. White colour is available.

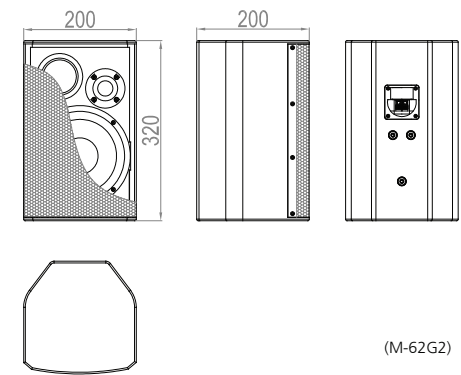
M-62A(W)G2 is the ideal active monitor for many applications. The 50W RMS powered cabinet has a built-in "Auto Power Mode" which automatically switches the system into standby mode after 3 minutes without incoming signal. White colour is available.

M-62A 100V(W)G2with built in 25W transformer, adjustable in 4 steps. Installation is ensured by the included SMB (Smart-Mounting-Bracket). White colour is available.

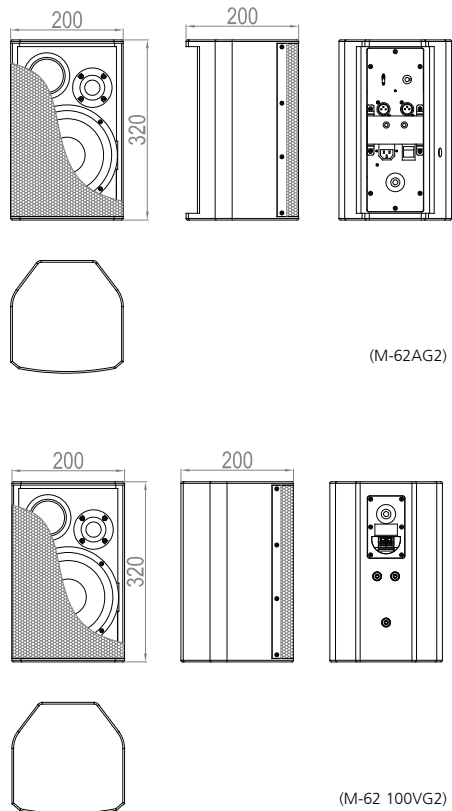
### 应用领域 Application

- 咖啡厅 Cafes
- 小餐馆 Bistros
- 小型会议 Small-scale meeting
- 时装店 Fashion shop

### 结构图 Structural diagram



(M-62G2)



(M-62AG2)

(M-62 100VG2)



### 参数规格 Specification

| 型号名称:            | M-62(W)G2          | M-62A(W)G2                     | M-62 100V(W)G2     |
|------------------|--------------------|--------------------------------|--------------------|
| 类型:              | 6"无源二分频音箱(倒相式)     | 6"有源二分频音箱(倒相式)                 | 6"定压二分频音箱(倒相式)     |
| 频率范围(-6 dB):     | 55 Hz - 20 kHz     | 55 Hz - 20 kHz                 | 55 Hz - 20 kHz     |
| 功率(额定/峰值) (AES): | 80 W / 130 W       | 50 W                           | 80 W / 130 W       |
| 灵敏度(1 W / 1 m):  | 87 dB              | N / A                          | 87 dB              |
| 最大声压级(1 m):      | 108 dB             | 107 dB                         | 108 dB             |
| 阻抗:              | 16 Ω               | N / A                          | 100 V              |
| 指向角度 (H × V):    | 60° × 60°          | 60° × 60°                      | 60° × 60°          |
| 低音单元:            | 6"铁氧体单元, 1"音圈      | 6"铁氧体单元, 1"音圈                  | 6"铁氧体单元, 1"音圈      |
| 高音单元:            | 钹磁丝膜单元, 1"音圈       | 钹磁丝膜单元, 1"音圈                   | 钹磁丝膜单元, 1"音圈       |
| 输入 / 输出接口:       | 夹式连接               | 输入: XLR / 6.3 mm jack, 输出: XLR | 夹式连接               |
| 吊挂系统:            | 3个M6吊挂点            | 3个M6吊挂点                        | 3个M6吊挂点            |
| 箱体材料 / 喷漆:       | 12 mm MDF / PU撒点漆  | 12 mm MDF / PU撒点漆              | 12 mm MDF / PU撒点漆  |
| 尺寸(W × H × D):   | 200 × 320 × 200 mm | 200 × 320 × 200 mm             | 200 × 320 × 200 mm |
| 净重:              | 4.5 kg             | 5.5 kg                         | 5 kg               |
| 可选附件:            | 见附件页面              | 见附件页面                          | 见附件页面              |

| Model:                           | M-62(W)G2                               | M-62A(W)G2                             | M-62 100V(W)G2                                   |
|----------------------------------|-----------------------------------------|----------------------------------------|--------------------------------------------------|
| Type:                            | 6" two way passive loudspeaker (vented) | 6" two way active loudspeaker (vented) | 6" two way constant-voltage loudspeaker (vented) |
| Frequency response (-6 dB):      | 55 Hz - 20 kHz                          | 55 Hz - 20 kHz                         | 55 Hz - 20 kHz                                   |
| Power output (RMS / Peak) (AES): | 80 W / 130 W                            | 50 W                                   | 80 W / 130 W                                     |
| Sensitivity (1 W / 1 m):         | 87 dB                                   | N / A                                  | 87 dB                                            |
| MAX SPL (1 m):                   | 108 dB                                  | 107 dB                                 | 108 dB                                           |
| Impedance:                       | 16 Ω                                    | N / A                                  | 100 V                                            |
| Dispersion (H × V):              | 60° × 60°                               | 60° × 60°                              | 60° × 60°                                        |
| LF Transducer:                   | 6", ferrite magnet, 1" voice coil       | 6", ferrite magnet, 1" voice coil      | 6", ferrite magnet, 1" voice coil                |
| HF Transducer:                   | Neodymium magnet, 1" voice coil         | Neodymium magnet, 1" voice coil        | Neodymium magnet, 1" voice coil                  |
| Input interface:                 | Clamp connection                        | Input: XLR / 6.3 mm jack, Output: XLR  | Clamp connection                                 |
| Rigging system:                  | 3× M6 rigging points                    | 3× M6 rigging points                   | 3× M6 rigging points                             |
| Cabinet material / Coating:      | 12 mm MDF / PU texture coating          | 12 mm MDF / PU texture coating         | 12 mm MDF / PU texture coating                   |
| Dimensions (W × H × D):          | 200 × 320 × 200 mm                      | 200 × 320 × 200 mm                     | 200 × 320 × 200 mm                               |
| Net weight:                      | 4.5 kg                                  | 5.5 kg                                 | 5 kg                                             |
| Available accessory:             | See accessories page                    | See accessories page                   | See accessories page                             |

## M-82(W)G2 / M-82A(W)G2

8” Two way active installation loudspeaker (vented)

M-82(W)G2延续了M系列熟悉的紧凑型设计，能与M-62(W)G2系列配合使用，产品设计独具魅力，箱体采用了坚固的中纤板及非常耐用的撒点漆；M-82(W)G2是极佳的全频音箱，深沉得低音，宽广的频响，使得音质得到精准的再现，可作为一款阻抗8Ω的无源音箱独立使用。白色可选。

M-82A(W)G2是一款集成80W A / B类功放有源音箱。智能化的SMB铝支架确保八寸系列的最佳的安装灵活性及角度可调性。白色可选。

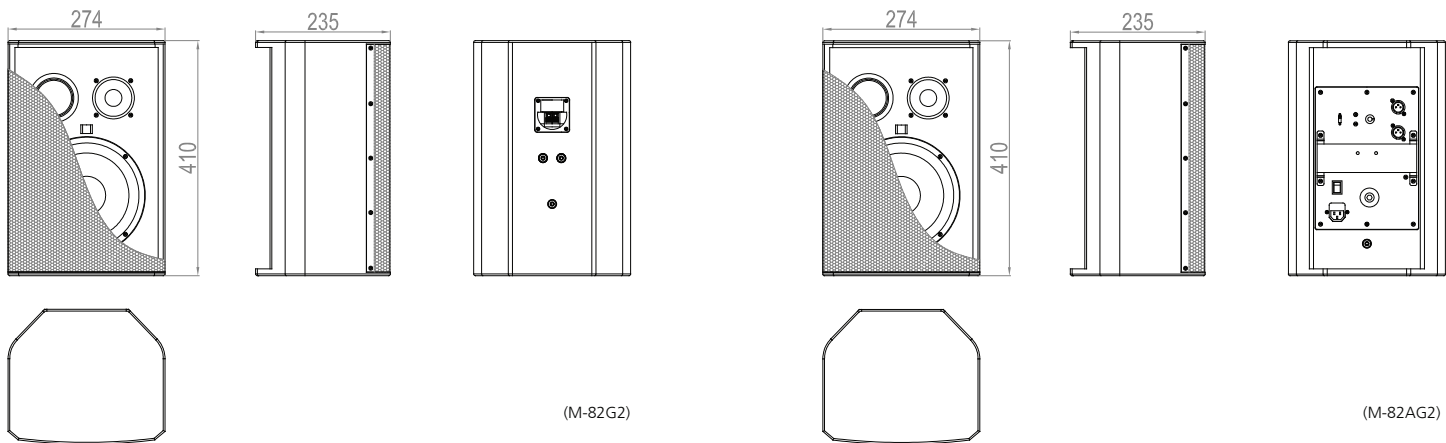
M-82(W)G2 is a multi-purpose installation loudspeaker and the most powerful one in our M-Line installation speaker range.Its attractive design features a sturdy MDF housing and a very durable textured finish. On the performance side, this is an excellent full range system that covers a large frequency range and also impresses with a deep bass fundament. White colour is available.

The active version M-82A(W)G2 offers the same acoustical performance and is powered by an integrated 80W Class A/B amplification module. SMB (Smart-Mounting-Bracket). White colour is available.

### 应用领域 Application

- 咖啡厅 Cafes
- 小餐馆 Bistros
- 小型会议 Small-scale meeting
- 时装店 Fashion shop

### 结构图 Structural diagram



### 参数规格 Specification

|                                   |                                                            |
|-----------------------------------|------------------------------------------------------------|
| 型号名称: <b>M-82(W)G2</b>            | <b>Model: M-82(W)G2</b>                                    |
| 类型: 8" 无源二分频音箱(倒相式)               | Type: 8" two way passive loudspeaker (vented)              |
| 频率范围(-6 dB): 50 Hz - 20 kHz       | Frequency response (-6 dB) : 50 Hz - 20 kHz                |
| 功率(额定 / 峰值) (AES): 120 W / 200 W  | Power output (RMS / Peak) (AES) : 120 W / 200 W            |
| 灵敏度(1 W / 1 m): 93 dB             | Sensitivity (1 W / 1 m) : 93 dB                            |
| 最大声压级(1 m): 114 dB                | MAX SPL (1 m) : 114 dB                                     |
| 阻抗: 8 Ω                           | Impedance: 8 Ω                                             |
| 指向角度 (H × V): 60° × 60°           | Dispersion (H × V) : 60° × 60°                             |
| 低音单元: 8"铁氧体单元, 1.5"音圈             | LF Transducer: 8", ferrite magnet, 1.5" voice coil         |
| 高音单元: 钕磁丝膜单元, 1"音圈                | HF Transducer: Neodymium magnet, 1" voice coil             |
| 输入 / 输出接口: 夹式连接                   | Input Interface: Clamp Connection                          |
| 吊挂系统 : 3个M6吊挂点                    | Rigging System: 3× M6 rigging points                       |
| 箱体材料 / 喷漆: 12 mm MDF / PU 撒点漆     | Cabinet Material / Coating: 12 mm MDF / PU texture coating |
| 尺寸(W × H × D): 274 × 410 × 235 mm | Dimensions (W × H × D) : 274 × 410 × 235 mm                |
| 净重: 7.0 kg                        | Net Weight: 7.0 kg                                         |
| 可选附件: 见附件页面                       | Available Accessory: See accessories page                  |

|                                           |                                                            |
|-------------------------------------------|------------------------------------------------------------|
| 型号名称: <b>M-82A(W)G2</b>                   | <b>Model: M-82A(W)G2</b>                                   |
| 类型: 8" 有源二分频音箱(倒相式)                       | Type: 8" two way active loudspeaker (vented)               |
| 频率范围(-6 dB): 50 Hz - 20 kHz               | Frequency response (-6 dB) : 50 Hz - 20 kHz                |
| 功率(额定/峰值) (AES): 80 W                     | Power output (RMS / Peak) (AES) : 80 W                     |
| 灵敏度(1 W / 1 m): 93 dB                     | Sensitivity (1 W / 1 m) : 93 dB                            |
| 最大声压级(1 m): 114 dB                        | MAX SPL (1 m) : 114 dB                                     |
| 阻抗: 4 Ω                                   | Impedance: 4 Ω                                             |
| 指向角度 (H × V): 60° × 60°                   | Dispersion (H × V) : 60° × 60°                             |
| 低音单元: 8"铁氧体单元, 1.5"音圈                     | LF Transducer: 8", ferrite magnet, 1.5" voice coil         |
| 高音单元: 钕磁丝膜单元, 1"音圈                        | HF Transducer: Neodymium magnet, 1" voice coil             |
| 输入 / 输出接口: 输入: XLR / 6.3 mm jack, 输出: XLR | Input interface: Input: XLR / 6.3 mm jack, Output: XLR     |
| 吊挂系统 : 3个M6吊挂点                            | Rigging system: 3× M6 rigging points                       |
| 箱体材料 / 喷漆: 12 mm MDF / PU 撒点漆             | Cabinet material / Coating: 12 mm MDF / PU texture coating |
| 尺寸(W × H × D): 274 × 410 × 235 mm         | Dimensions (W × H × D) : 274 × 410 × 235 mm                |
| 净重: 9.7 kg                                | Net weight: 9.7 kg                                         |
| 可选附件: 见附件页面                               | Available accessory: See accessories page                  |

# M-88AB

Active Subwoofer (bandpass)

M-88AB是有源超低音箱内含150W高品质单通道功放，具有出色的的音质和完美的动态特性，能与M-LINE 全频安装系列完美配合。

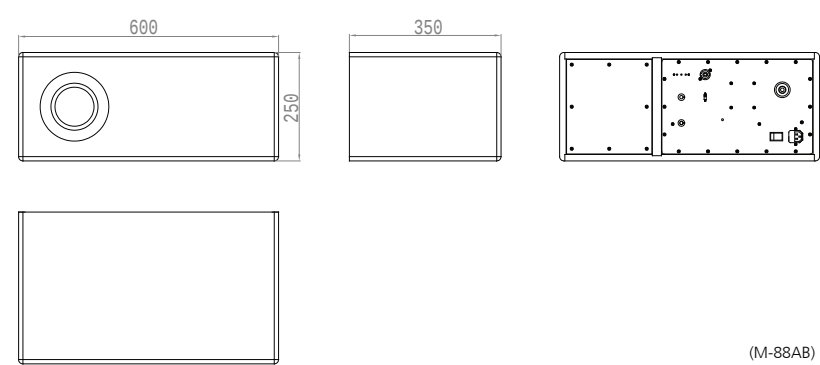
M-88AB Active Subwoofer  
M-88AB features a 150W high-quality mono-amplification unit offering great sound and dynamic characteristics. It can be perfectly matched with M-LINE full range installation series in practical applications.



## ))) 应用领域 Application

- 咖啡厅 Cafes
- 小餐馆 Bistros
- 时装店 Fashion shop

## ))) 结构图 Structural diagram



## ))) 参数规格 Specification

|                                             |                                                            |
|---------------------------------------------|------------------------------------------------------------|
| 型号名称: <b>M-88AB</b>                         | <b>Model: M-88AB</b>                                       |
| 类型: 2 × 8" 有源低音音箱(带通式)                      | Type: Dual 8" active subwoofer (bandpass)                  |
| 频率范围(-6 dB): 40 Hz - 120 Hz                 | Frequency response (-6 dB) : 40 Hz - 120 Hz                |
| 功率 (额定 / 峰值) (AES): 150 W                   | Power output (RMS / Peak) (AES) : 150 W                    |
| 灵敏度 (1 W / 1 m): 92 dB                      | Sensitivity (1 W / 1 m) : 92 dB                            |
| 最大声压级 (1 m): 115 dB                         | MAX SPL (1 m) : 115 dB                                     |
| 阻抗: 4 Ω                                     | Impedance: 4 Ω                                             |
| 低音单元: 2× 8"铁氧体单元, 1"音圈                      | LF Transducer: 2× 8", ferrite magnet, 1" voice coil        |
| 输入接口 / 输出接口: 输入: XLR / 6.3 mm jack, 输出: XLR | Input interface: Input: XLR / 6.3 mm jack, Output: XLR     |
| 箱体材料 / 喷漆: 15 mm MDF / PU 撒点漆               | Cabinet material / Coating: 15 mm MDF / PU texture coating |
| 尺寸 (W × H × D) : 600 × 250 × 350 mm         | Dimensions (W × H × D) : 600 × 250 × 350 mm                |
| 净重: 15 kg                                   | Net weight: 15 kg                                          |

# M-121A MONG2

12" two way co-axial active stage monitor

M-121A MONG2是一款高品质的有源同轴舞台监听音箱，配合高质量功放，提供了精准的乐器及各种声音再现还原。

Volet电源系统使得监听系统的连接更为安全，也使得一套大的舞台监听系统只用一个电源的安装方式成为可能。该监听系统还具有软削波限制以及音量控制功能。箱体由高品质多层板及高品质撒点漆构成，箱体监听角度是35°。

The M-121AMONG2 features a high end 12" co-axial speaker with a compression driver and offers precise sound reproduction of various instruments.

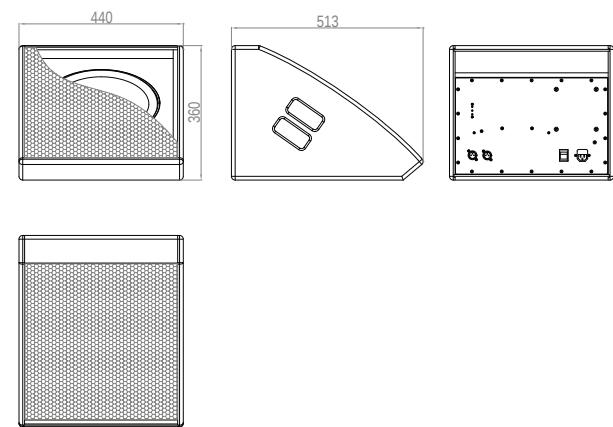
The Volet power supply system allows a secure connection of further active monitors. This feature enables the installation of a big active stage monitor system while using only one power plug. The monitors also come with a soft-clip-limiter as well as a volume control. The housing is made out of high-quality plywood and receives a very durable textured finish.The monitor angle is 35°.



## 应用领域 Application

- 流动演出 Touring performance
- 小型扩声 Small amplification

## 结构图 Structural diagram



(Se M-121AG2)

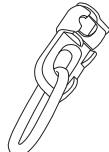
## 参数规格 Specification

|                 |                                     |                              |                                                                     |
|-----------------|-------------------------------------|------------------------------|---------------------------------------------------------------------|
| 型号名称:           | M-121A MONG2                        | Model:                       | M-121A MONG2                                                        |
| 类型:             | 12" 有源二频同轴舞台监听                      | Type:                        | 12" Two Way Co-axial Active Stage Monitor                           |
| 频率范围(-6 dB):    | 80 Hz - 20 kHz                      | Frequency Response (-6 dB) : | 80 Hz - 20 kHz                                                      |
| 功率(RMS):        | 250 W                               | Power Handling (RMS) :       | 250 W                                                               |
| 灵敏度(1 W / 1 M): | 100 dB                              | Sensitivity (1 W / 1 M) :    | 100 dB                                                              |
| 最大声压级(1 M):     | 124 dB                              | MAX SPL (1 M) :              | 124 dB                                                              |
| 阻抗:             | 4 Ω                                 | Impedance:                   | 4 Ω                                                                 |
| 指向角度(水平 Tx 垂直): | 75° × 75°                           | Dispersion (H × V) :         | 75° × 75°                                                           |
| 低音单元:           | 12"铁氧体单元, 2.4"音圈                    | LF Transducer:               | 12" ferrite magnet, 2.4" voice coil                                 |
| 高音单元:           | 1"铁氧体耐高温聚酯膜压缩单元, 1.35" 音圈           | HF Transducer:               | 1" Exit, Ferrite, polyester film compression unit, 1.35" voice coil |
| 分频点:            | 1.8 KHz                             | Crossover Frequency:         | 1.8 kHz                                                             |
| 保护:             | 限幅器，短路                              | Protection:                  | Limiter, Short circuit                                              |
| 输入接口/输出接口:      | 输入: XLR / 6.3 mm jack (组合), 输出: XLR | Input Interface:             | Input: XLR / 6.3 mm jack (combo) Output: XLR                        |
| 箱体材料/喷漆:        | 15mm精选多层板 / PU撒点漆                   | Cabinet Material / Coating:  | 15 mm selected plywood PU texture coating                           |
| 尺寸(W × H × D):  | 440 × 360 × 513 mm                  | Dimensions (W × H × D) :     | 440 × 360 × 513 mm                                                  |
| 净重:             | 17.8 Kg                             | Net Weight:                  | 17.8 kg                                                             |

## 配件说明 Accessories



**EB-830**  
M8x30 羊眼圈  
M8x30 Eye Bolt



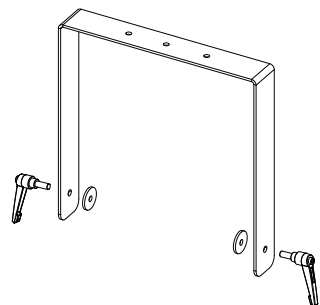
**TK-200**  
双点吊环  
Double stud fitting



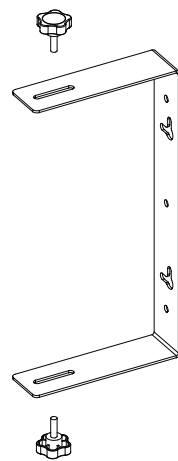
**TK-100**  
单点吊环  
Double stud fitting



**SPS 20**  
支撑杆  
M20 Pole support

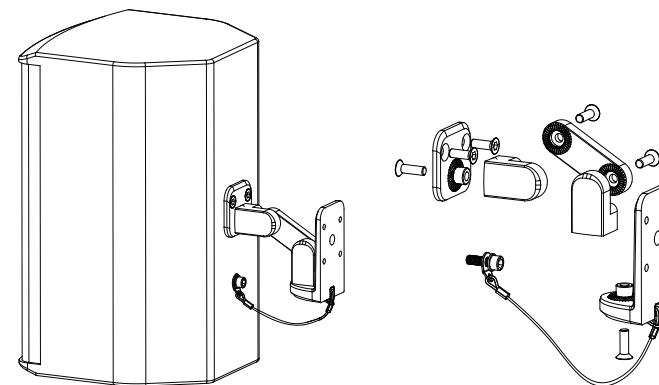


**COX 8**  
COX 8 SB  
COX 8 SB



**COX 8WB**  
COX 8 壁挂支架  
COX 8 Wall Bracket

## 使用说明 Operation Options



**SMB**  
M-42(W)G2 / 242(W)G2 / 62(W)G2 / 82(W)G2, COX 8 铝支架  
M-42(W)G2 / 242(W)G2 / 62(W)G2 / 82(W)G2,  
COX 8 Smart-Mounting-Bracket



# MA -LINE

MA 2000 系列功率放大器，采用德国技术，完善的DDT压缩保护系统，双温度控制过热保护功能；带软启动开关启动瞬变保护，静音开关保护，在开启时过热，直流，短路，功率过载保护。该系列功放在外外观设计，内部结构，电路设计，表现力等方面经过多次优化，音色分析力及表现力均十分出众，是一款集户内外演出全方位应用的大功率，多功能，高质量，稳定性，可靠性于一体的AB类专业功率放大器。

MA-2000 series power amplifiers are equipped with DDT compression and double overheating protection system by adopting German technology. Each amplifier comes with a mute switch protection and also a startup protection for overheating/DC/short circuit/overloading. The internal structure and circuit design have been optimized to provide extraordinary signal quality. Being multifunctional high-power amplifiers that can output high quality signals on a steady and reliable basis, the MA-2000 series can



The Sound  
Experience

# MA 2000

Dual-channel pro power amplifier

MA 2000 系列功率放大器，采用德国技术，完善的DDT压缩保护系统，双温度控制过热保护功能;带软启动开关启动瞬变保护，静音开关保护，在开启时过热，直 流，短路，功率过载保护。该系列功放 在外观设计，内部结构，电路设计，表现力等方面经过多次优化， 音色分析力及表现力均十分出众，是一款集户内外演出全方位应用的 大功率，多功能，高质量，稳定性，可靠性于一体的AB类专业 功率放大器。

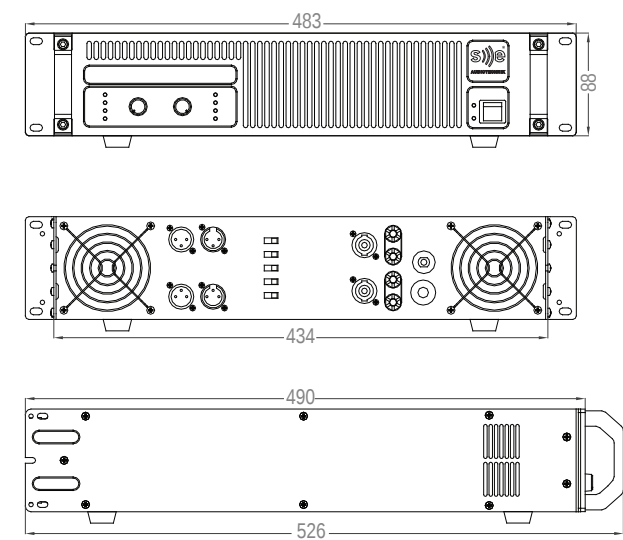
MA-2000 series power amplifiers are equipped with DDT compression and double overheating protection system by adopting German technology. Each amplifier comes with a mute switch protection and also a startup protection for overheating/DC/short circuit/overloading. The internal structure and circuit design havebeen optimized to provide extraordinary signal quality. Being multifunctional high-power amplifiers that can output high-quality signals on a steady and reliable basis, the MA-2000 series can be regarded as class AB pro power amplifiers.

## 应用领域 Application

- 娱乐会所 KTV
- 会议室 Conference room
- 多功能厅 Multifunctional hall



## 结构图 Structural diagram



## 参数规格 Specification

|                             |                      |                      |                      |                      |                      |
|-----------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 型号名称：                       | MA 2300              | MA 2400              | MA 2600              | MA 2800              | MA 21200             |
| 功放类型：                       | Class AB             | Class AB             | Class H              | Class H              | Class H              |
| 输出功率1 kHz, < 0.05%THD：      |                      |                      |                      |                      |                      |
| 8 Ω：                        | 2x 300 W             | 2x 400 W             | 2x 600 W             | 2x 800 W             | 2 x 1200W            |
| 4 Ω：                        | 2x 450 W             | 2x 600 W             | 2x 900 W             | 2x 1200 W            | 2 x 1800W            |
| 2 Ω：                        | --                   | 2x 800 W             | 2x 1100 W            | 2x 1400 W            | 2 x 2400W            |
| 16 Ω桥接：                     | --                   | --                   | --                   | --                   | 2400W                |
| 8 Ω桥接：                      | 700 W                | 1000 W               | 1800 W               | 2000 W               | 3600W                |
| 4 Ω桥接：                      | --                   | 1200 W               | 2000 W               | 2400 W               | 4800W                |
| 频率范围(功率带宽+/- 0.1 dB)：       | 20 Hz-20 kHz         | 20 Hz-20 kHz         | 20 Hz-20 kHz         | 20 Hz-20 kHz         | 20Hz-20 kHz          |
| 相位响应(@ 1W20 Hz - 20 kHz)：   | + 15度                | + 15度                | + 15度                | + 15度                | + 15度                |
| 总谐波失真1 kHz(20 Hz - 20 kHz)： | ≤ 0.05%              | ≤ 0.05%              | ≤ 0.05%              | ≤ 0.05%              | ≤ 0.03%              |
| 互调失真（SMPTE）：                | ≤ 0.05%              | ≤ 0.05%              | ≤ 0.05%              | ≤ 0.05%              | ≤ 0.01%              |
| 阻尼系数(20 Hz - 500 Hz@ 8 Ω)：  | 400:1                | 450:1                | 500:1                | 550:1                | 650:1                |
| 串扰(20 Hz - 20 kHz)：         | >75 dB               | >75 dB               | >75 dB               | >75 dB               | >75 dB               |
| 增益（可选）：                     | 26 / 29 / 32 dB      | 26 / 29 / 32 dB      | 26 / 29 / 32 dB      | 26 / 29 / 32 dB      | 26 / 29 / 32 dB      |
| 灵敏度：                        | 0.775 / 1.0 / 1.55 V | 0.775 / 1.0 / 1.55 V | 0.775 / 1.0 / 1.55 V | 0.775 / 1.0 / 1.55 V | 0.775 / 1.0 / 1.44 V |
| 信噪比：                        | 103 dB               | 105 dB               | 105 dB               | 106 dB               | 106 dB               |
| 尺寸（W x H x D）：              | 483 x 88 x 420 mm    | 483 x 88 x 420 mm    | 483 x 88 x 490 mm    | 483 x 88 x 490 mm    | 483 x 133 x 500 mm   |
| 重量（kg）：                     | 17 kg                | 18 kg                | 23 kg                | 25 kg                | 40 kg                |

|                                    |                      |                      |                      |                      |                      |
|------------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| Model name：                        | MA 2300              | MA 2400              | MA 2600              | MA 2800              | MA 21200             |
| Amplifier type：                    | Class AB             | Class AB             | Class H              | Class H              | Class H              |
| Output power 1 kHz, < 0.05%THD：    |                      |                      |                      |                      |                      |
| 8 Ω：                               | 2x 300 W             | 2x 400 W             | 2x 600 W             | 2x 800 W             | 2x 1200 W            |
| 4 Ω：                               | 2x 450 W             | 2x 600 W             | 2x 900 W             | 2x 1200 W            | 2x 1800 W            |
| 2 Ω：                               | Inapplicable         | 2x 800 W             | 2x 1100 W            | 2x 1400 W            | 2x 2400 W            |
| 16 Ωbridge：                        | Inapplicable         | Inapplicable         | Inapplicable         | Inapplicable         | 2400 W               |
| 8 Ωbridge：                         | 700 W                | 1000 W               | 1800 W               | 2000 W               | 3600 W               |
| 4 Ωbridge：                         | Inapplicable         | 1200 W               | 2000 W               | 2400 W               | 4800 W               |
| Frequency response(+/- 0.1dB)：     | 20 Hz-20 kHz         | 20 Hz-20 kHz         | 20 Hz-20 kHz         | 20 Hz-20 kHz         | 20 Hz-20 kHz         |
| Reflex response(@ 1W20 Hz-20 kHz)： | + 15°                | + 15°                | + 15°                | + 15°                | + 15°                |
| THD 1 kHz(20 Hz-20 kHz)：           | ≤ 0.05%              | ≤ 0.05%              | ≤ 0.05%              | ≤ 0.05%              | ≤ 0.03%              |
| IMD（SMPTE）：                        | ≤ 0.05%              | ≤ 0.05%              | ≤ 0.05%              | ≤ 0.05%              | ≤ 0.01%              |
| Damping factor(20 Hz-500 Hz@ 8Ω)：  | 400:1                | 450:1                | 500:1                | 550:1                | 650:1                |
| Crosstalk(20 Hz-20 kHz)：           | >75 dB               | >75 dB               | >75 dB               | >75 dB               | >75 dB               |
| Gain (optional)：                   | 26 / 29 / 32 dB      | 26 / 29 / 32 dB      | 26 / 29 / 32 dB      | 26 / 29 / 32 dB      | 26 / 29 / 32 dB      |
| Sensitivity:                       | 0.775 / 1.0 / 1.55 V | 0.775 / 1.0 / 1.55 V | 0.775 / 1.0 / 1.55 V | 0.775 / 1.0 / 1.55 V | 0.775 / 1.0 / 1.44 V |
| Signal to noise ratio:             | 103 dB               | 105 dB               | 105 dB               | 106 dB               | 106 dB               |
| Dimensions（W x H x D）：             | 483 x 88 x 420 mm    | 483 x 88 x 420 mm    | 483 x 88 x 490 mm    | 483 x 88 x 490 mm    | 483 x 133 x 500 mm   |
| Net weight（kg）：                    | 17 kg                | 18 kg                | 23 kg                | 25 kg                | 40 kg                |