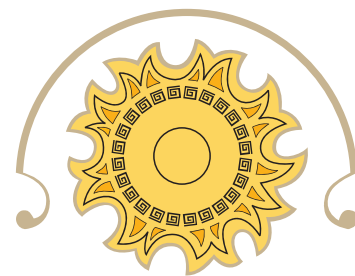


CAV SPEAKER SYSTEM

广东汉洋电器有限公司
CAV INC.

品名：HI-FI扬声器系统 型号：MD-EX III S
生产：广州汉林电器实业有限公司
地址：广州市番禺区化龙镇石化公路明经路段9号

Model: MD-EX III S Speaker System
Manufacturer: Cav Audio (Guangzhou) Co., Ltd
Address: 9, Mingjing Industrial District Hualong, Panyu, Guangzhou, China



MD-EX III S

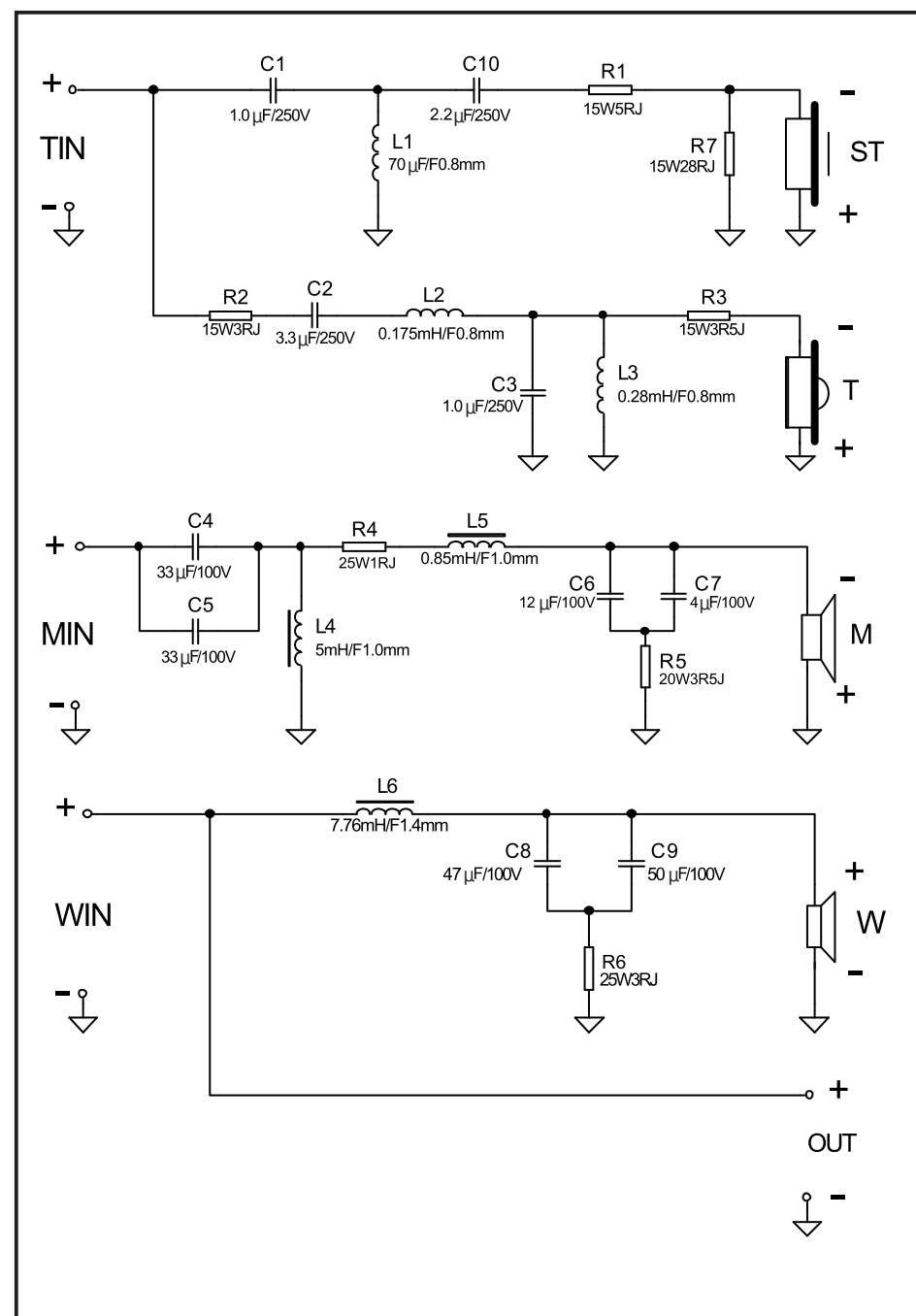
扬声器系统使用说明书

SPEAKERS YSTEM OPERATING INSTRUCTIONS

MD-EXIII S

CIRCUIT DIAGRAM FOR CROSSOVER

MD-EX III S



MD-EXIII S

扬声器系统使用说明书

尊敬的用户：

感谢您购买了MD-EX III S，它是CAV倾力制作的一款具有精湛技术和深厚艺术内涵完美结合的扬声器系统，该系统是CAV表现美学、艺术形式与真实音乐合而为一的理想载体，也是本公司独具个性的又一代代表性产品。

本公司的企业精神是高尚生活，愿您体验高尚生活中的音乐。为获得最佳性能和完备的服务支持，敬请仔细阅读本说明书，并妥善保存以备将来查阅。

MD-EXIII S

扬声器系统使用说明书

主要特点：

- 1、MD-EX III S箱体全部为精细手工制作并配以流光溢彩的钢琴漆, 洋溢着欧陆风情。
- 2、超高音采用最新开发的铝带超高音扬声器, 音乐高频成份干净通透、清晰自然、上限延伸到40KHz。
- 3、中音喇叭单元振膜采用高刚性、低质量的碳纤维复合材料, 特殊的喷涂工艺成型, 中音厚度适中、爽快明朗。
- 4、低音部分延用了本公司独特的分离式结构设计, 有效降低了低音部分对中高音造成的音染, 有良好的下潜能力与实在感, 重放起各类古典音乐则游刃有余。

注意事项：

- 1、音箱连接线应确实与功率放大器连接可靠, 否则会产生噪声。
- 2、音箱应放置于水平、坚固的地方。音箱后背离墙应有大约20厘米距离, 会使低音更为丰满。
- 3、如果音箱的极性接反, 会导致立体声效果不佳。

保养：

- 1、如无必要, 请尽量避免音箱满负荷的状态下长时间工作。
- 2、开机前, 请注意功率放大器音量旋钮的位置, 应在最小或较小音量位置才开机。
- 3、清洁音箱表面, 请用干软布擦净。切记不要用天拿水、汽油等化学溶剂, 否则会损坏音箱表面。

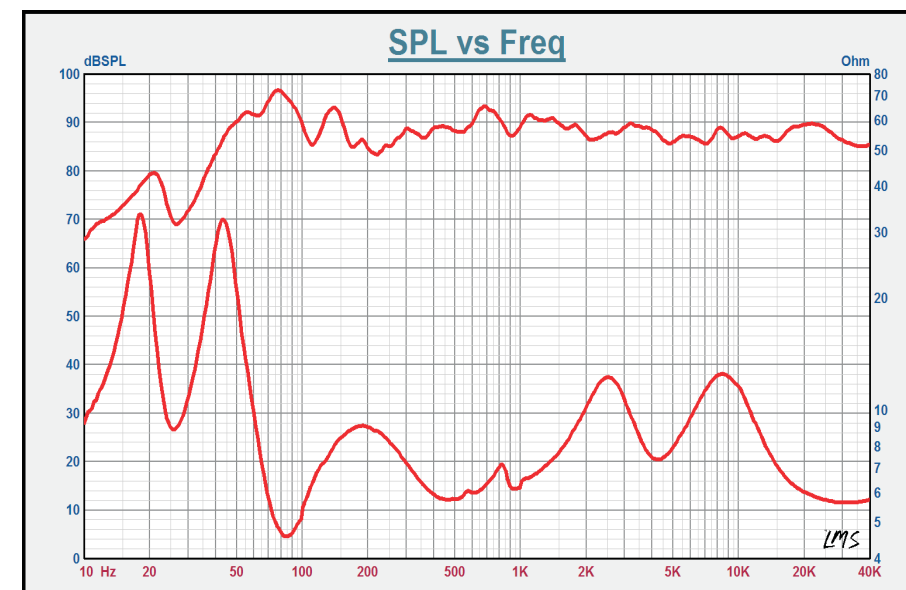
附件：

音箱连接线长3米二条, 0.32米二条。

注：上述规格如有变动, 恕不另行通知。

MD-EXIII S

CURVE FOR FREQUENCY AND IMPEDANCE

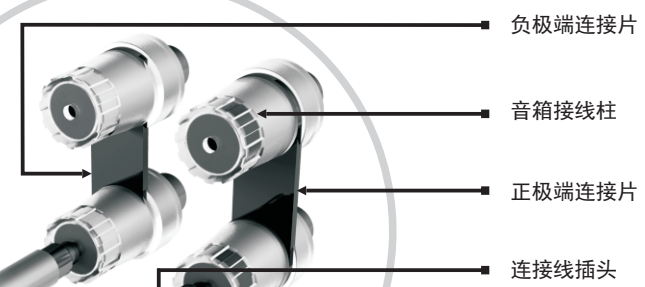


MD-EXIII S SPL/IMP

Diagram illustrating the components of a two-way floor-standing speaker system:

- Ribbon Tweeter
- 35mm Tweeter
- Mid-bass
- Woofer

- 1、确定功放机的电源处于关闭状态。
- 2、确认MD-EX III S (A) 接线板上的连接片已经将两个负极端、两个正极分别连接起来。
- 3、将附件里的32厘米音箱线拿出来，将MD-EX III S (B) 箱的“MID HIGH OUTPUT”与MD-EX III S (A) 箱的“MID HIGH FREQUENCY INPUT”连接好。请注意红接正、黑接负。
- 4、将功放机连接线与MD-EX III S (B) 音箱接好，请注意左、右声道和正、负极性对应连接。
- 5、最后打开功放机的电源。



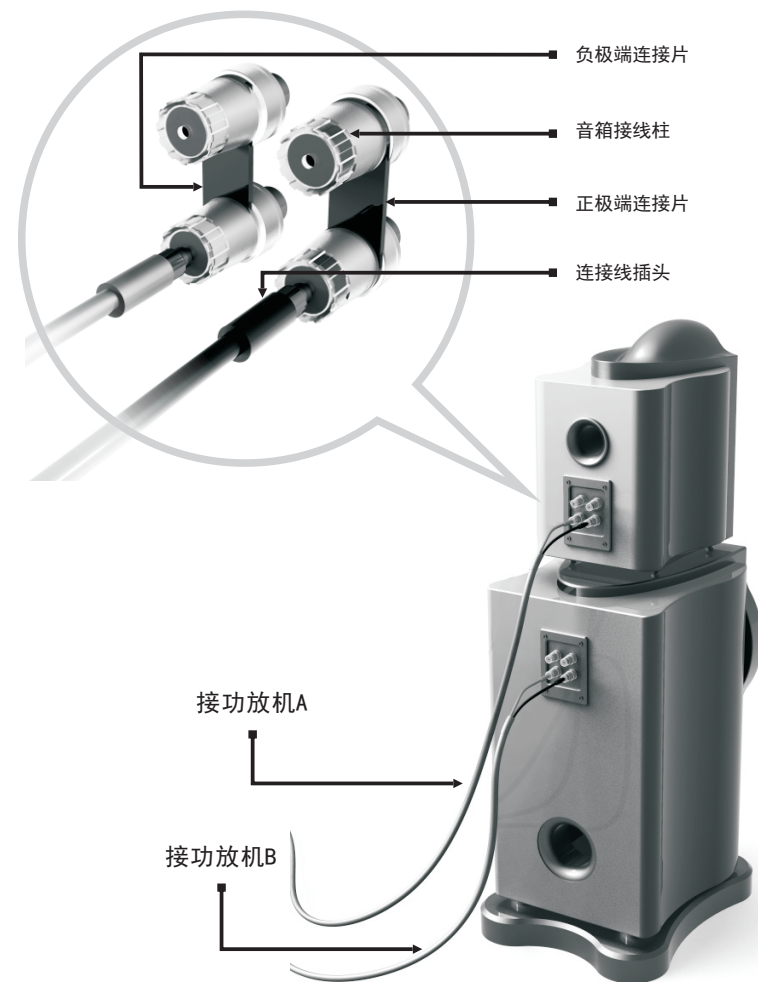
MD-EXIII S

扬声器系统连接方法

连接方法二：（双线分音：用多台功放机连接）

- 1、确定功放机的电源处于关闭状态。
 - 2、确认MD-EX III S (A) 接线板上的连接片已经将两个负极端、两个正极端分别连接起来。
 - 3、将MD-EX III S接线板上连接上箱（MD-EX III S A）和下箱（MD-EX III S B）的32CM的连接线断开拆下,使上、下箱处于独立状态。
 - 4、将一台功放机的输出端左右声道正负极分别与MD-EX III S (A) 的一组接线柱连接，再将另一台功放机的左右声道的正负极分别与MD-EX III S （B）输入端接线柱连接。
 - 5、最后打开功放机的电源。
- （这种连接方法需要再多购买本公司音箱连接线二条）；

注：连接线与音箱、功放机连接要紧密。



MD-EXIII S

OPERATING GUIDE

Operating guide

The nominal power of the speaker refers to low frequency power. Excessive reliance on the mid and tweeter drivers or constant deviation from nominal distribution may result in damage due to overloading. Please note that damage caused by this is not covered by warranty. To ensure the HIGH FIDELITY performance, the sensitivity of this Hi-End speaker system is relatively low.

Notices

- 1.This speaker system was designed for domestic use only. If used outside of these guidelines, warranty may not apply and we would recommend that you seek for professional advice with regards to setup and installation.
- 2.By sound pressure testing, the recommended space requirement for optimum listening is 25 square meters-80 square meters in area and 2.8 meters -7.9 meters vertical height.
- 3.European Community compliant in design and manufacture. No special power requirements apply.

Speaker placement

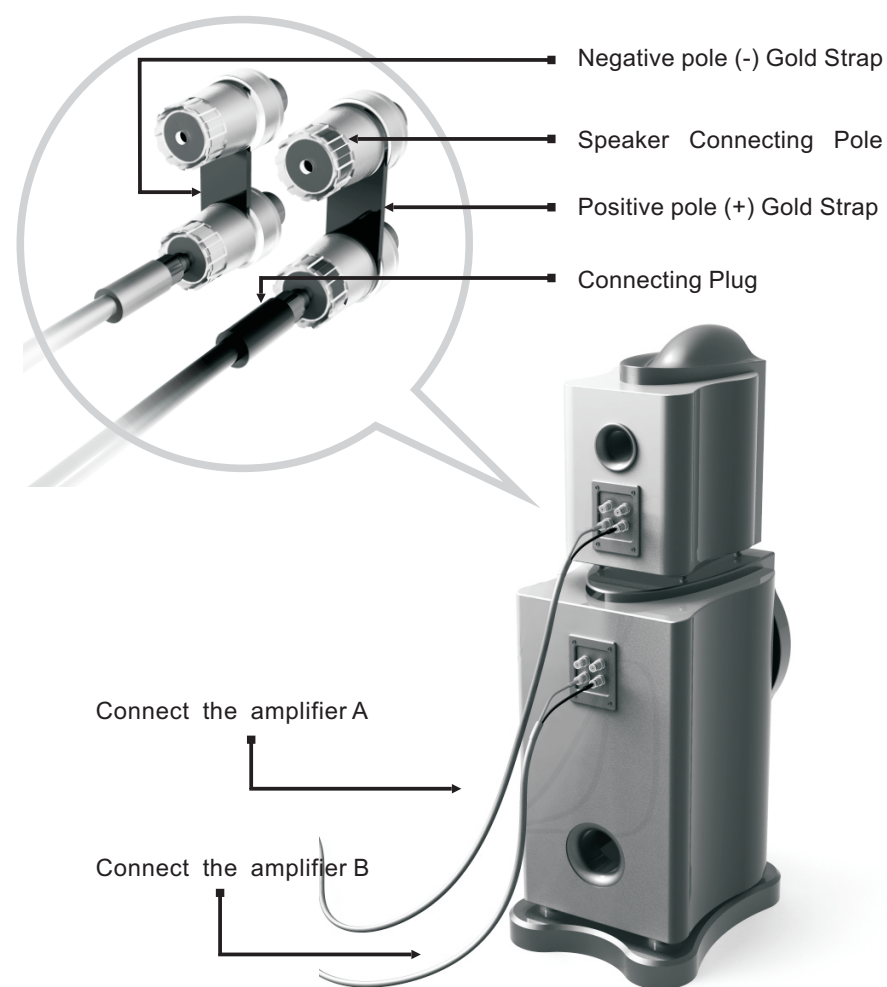
- 1.Place speakers to the front of listener and position symmetrically.
- 2.Do not place the speakers side by side. A minimum of 1.5 meter between speakers is recommended. Ideally, both speakers and listener should form a triangle to get the best stereo effect.
- 3.Place speakers close to the wall (leaving 20cm space) to better bass response. Ideally the mid and tweeter drivers should be at a listener's ear height.
- 4.Avoid direct sunlight and any liquid on the speakers.

MD-EXIII S CONNECTION

Connection 2 (bi-wiring, driven by two amplifier)

1. Before connecting any wires, ensure the power amplifier is turned off.
2. Make sure that gold strap between top terminal and bottom terminal is on.
3. Take off the connecting cable of the length of the 32cm between the MD-EXIII S(A) and MD-EXIII S(B) of the terminal plate, ensure the MD-EXIII S(A) and MD-EXIII S(B) are independent.
4. Connect the (+) and (-) pole of the left and right channel on the output of the amplifier A to the set of the connecting pole of the MD-EXIII S(A); Connect the (+) and (-) pole of the left and right channel on the output of the amplifier A to the input of the connecting pole of the MD-EXIII S(B);
5. Now you can turn on the power of amplifier (For this way, you should buy another cable from our company).

Note: This operating guide is only for reference. The actual performance should be relative to the quality of connecting cable and setting measurement.



MD-EXIII S 扬声器系统使用指南

使用指南:

一般的使用常识

本音箱的标称功率是指低频功率, 过分地提升高音或中音使用, 信号成份的比例严重偏离正常分布, 将有可能使高、中音单元超负荷而损坏, 在音响系统中, 功率放大器的标称功率往往会大于音箱的标称功率, 这是为了应付音乐信号中一些瞬间强信号的缘故, 也是音响系统的最基本要求之一。因此, 在使用中需格外小心勿将音量开至最大, 否则, 将会造成损坏。(因此造成的损坏, 我们将不负责免费保修)。有的系统标称功率大, 可能听起来声音并不大。这与音箱的灵敏度有关。灵敏度高, 在相同的功率下, 声音听起来就响得多, 这当然是我们所希望的。但是, 在高保真音响系统中, 为了照顾高保真性(即: 减少失真, 以及整个频段的平衡)可能灵敏度会较低一些, 这在您的使用中须引起注意。

提醒:

- 1、非专业扩声设备, 如需特殊用途, 请在专家指导下进行。
- 2、声压测试新界定的听音空间面积为 25m^2 – 80m^2 , 垂直高度: 2.8m–7.0m。
- 3、欧共体标准适配性参数设计, 对功放机无任何特殊要求, 极易推动。

音箱的放置:

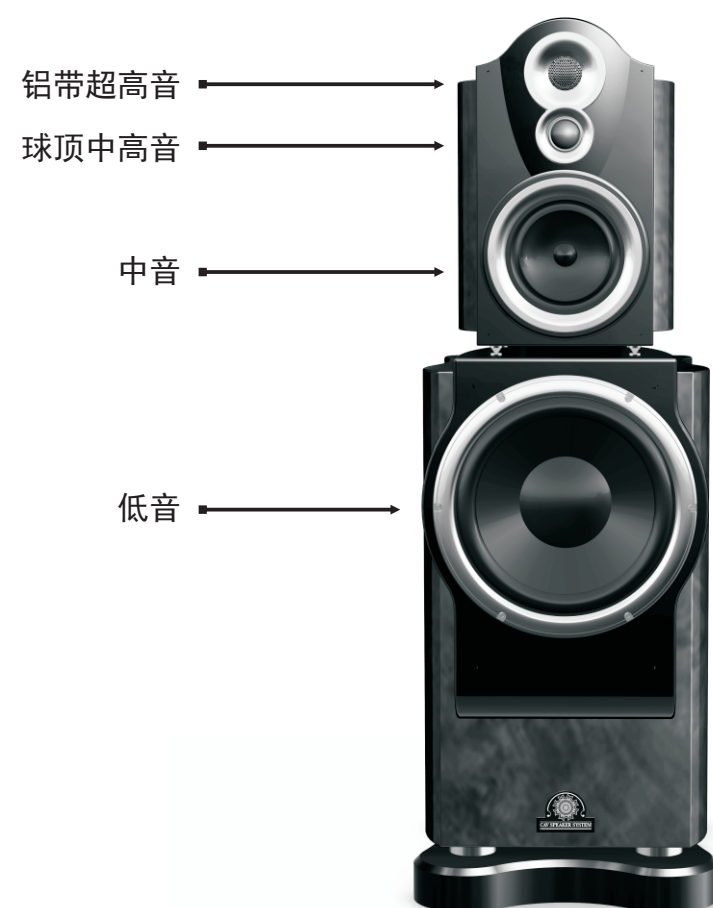
- 1、音箱应放置在听音位置的前方, 左右对称地放置。
- 2、勿将音箱并排地放置地一起。轴线距离应大于1.5M, 会使立体声的效果较佳。(一般来说, 听音位置与两个音箱构成等三角形, 效果是比较理想的。)
- 3、音箱靠墙约20厘米放置, 会使低音听起来丰满。请注意音箱的放置高度, 高音单元最好是接近人耳的高度。
- 4、避免阳光直接照射和雨淋。

MD-EXIII S

扬声器系统技术规格

MD-EX III S技术规格：

类型：	四路四单元倒相式音箱
低音：	12寸低音单元×1
中音：	6.5寸中音单元×1
中高音：	35mm高音单元×1
超高音：	铝带高音×1
灵敏度：	90dB
功率范围：	60W-300W
阻抗：	6Ω
频率范围：	30Hz-40KHz
尺寸：	W396xH1140xD496 (mm)
净重：	51kg



MD-EXIII S

CONNECTION

Connection 1 (Common connecting)

1. Before connecting the wires, ensure the power amplifier is turned off.
2. Make sure that gold strap between top terminal and bottom terminal is on.
3. Take out connecting cable (32cm length) from the accessories, and use it to connect the "MID HIGH OUTPUT" of MD-EXIII S (B) to "MID HIGH FREQUENCY INPUT" of MD-EXIII S(A). Please ensure that the (+) pole (red) on the rear of the speaker are connected to the (+) pole (red) of the power amplifier. Ensure that the (-) pole (black) on the rear of the speakers are connected to the (-) pole (black) of the power amplifier. Switch the pole to be tight as much as possible till the connecting plug can't be pulled out.
4. Connect the amplifier to MD-EXIII S (B) by connecting cable, Please ensure that the (+) pole (red) is connected to the (+) pole (red) and the (-) pole (black) is connected to the (-) pole (black).
5. Now you can turn on the power of amplifier.



MD-EXIII S

SPEAKER SYSTEM OPERATING INSTRUCTIONS

Key Features:

- 1.MD-III S is a hand-made system in European stylish design and high quality piano finish.
- 2.Super tweeter is lately developed aluminum ribbon unit of low inertia for the most discerning hi-fi enthusiast and audiophile. It offers substantial advantages, in particular, with signals which contain significant frequency up to 40KHz.
- 3.The diaphragm of mid-range driver unit is made in a rigid and high-quality combination carbon, and it is painted by a very special craft, which help system deliveries a comfortable, clear mid-bass.
- 4.Applies a special structure design that using individual separate bass, mid and tweeter output to produce the purer tones.

Precautions

- 1.Make sure the connecting wires are firmly connected to the power amplifier to prevent electrical leakage.
- 2.Place speakers close to the wall (leaving 20cm space) for better bass response.
- 3.Be sure that connecting wires have correct polarity to get the correct stereo effect.

Maintenance

- 1.Do not sure speakers at peak loads constantly.
- 2.Always ensure that the volume is on low or minimum position before starting up.
- 3.To clean the surface, wipe with a dry soft cloth. Do not use chemical solvents such as mentholated spirits etc. which may cause damage to the surface of the speakers.

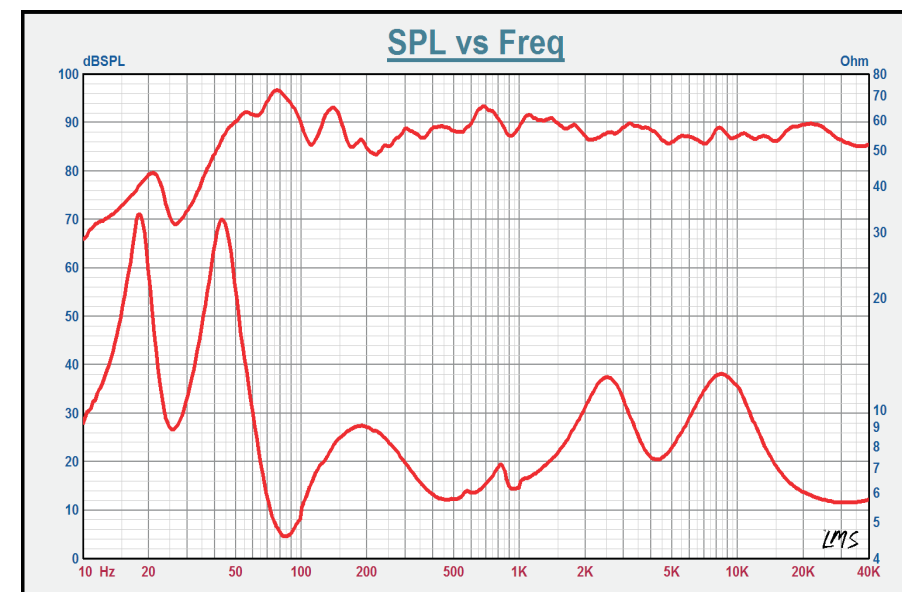
Accessories

Speaker cable in 3 meters (x2),0.32 meters (x2).

For the purpose of improvement, specification and design are subject to change without notice.

MD-EXIII S

扬声器系统频率和阻抗特性曲线

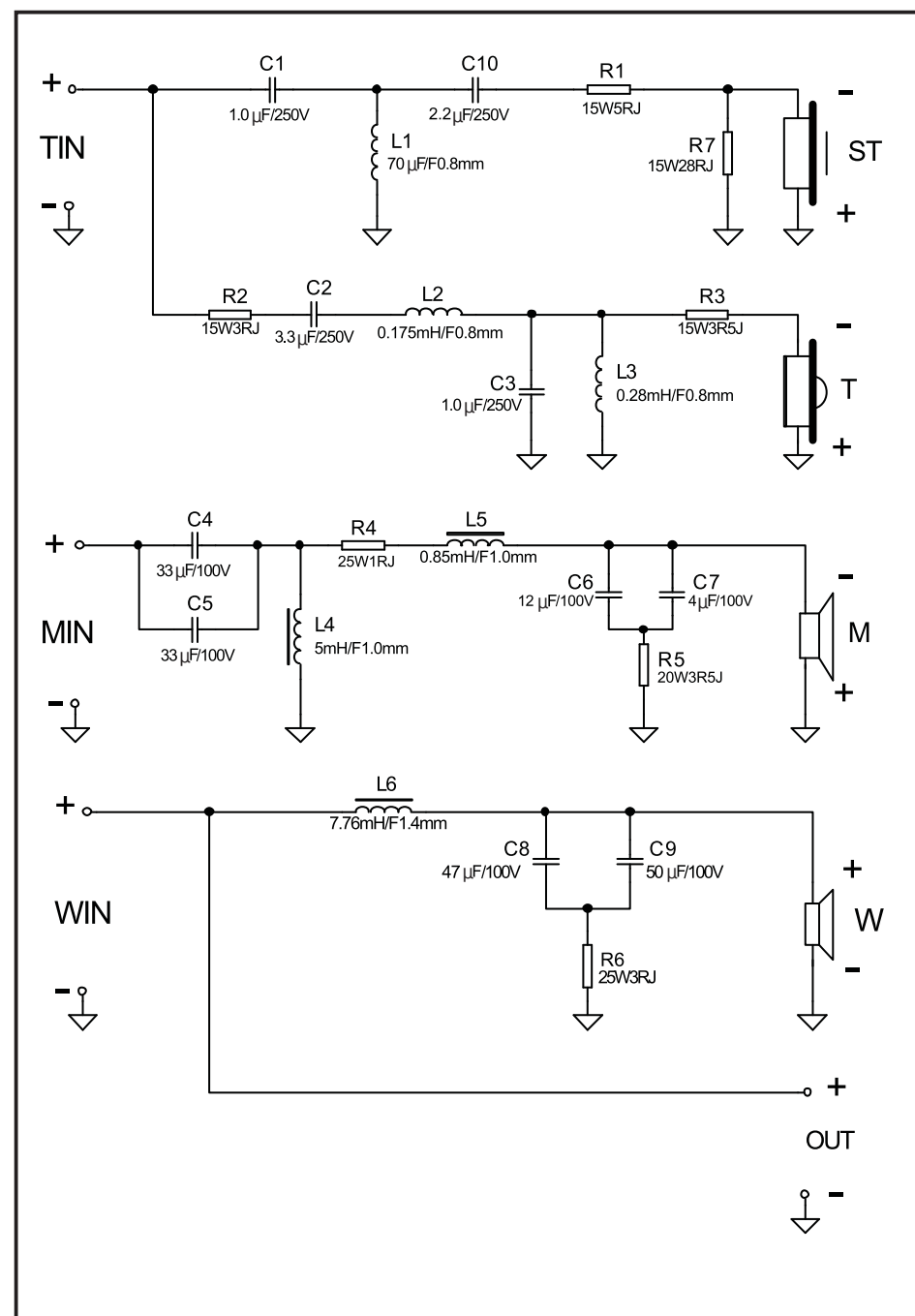


MD-EXIII S频率响应/阻抗曲线图

MD-EXIII S

扬声器系统分频器电原理图

MD-EX III S



注：上述规格如有变动，恕不另行通知。



Dear end-users,

Thank you and congratulation on your purchase CAV latest high-end speaker system-MD-EXIII S. This system represents the perfect combination between beauty and real music, and CAV' updated design as well.

Our company's spirit is to give you noble life through our products. Please enjoy our products and enjoy your life.

To get the best performance and help maintain the system, please read this instruction manual carefully and keep it for future reference.