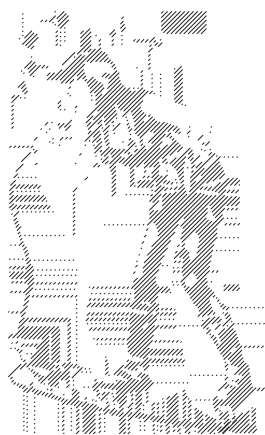


专利音箱仿冒必究



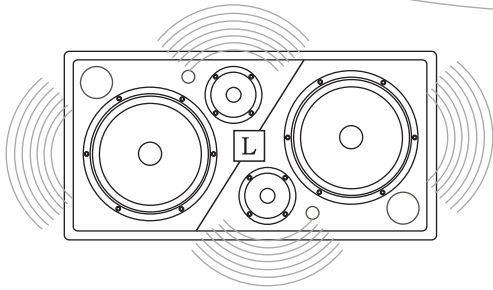
- 1.A高音反相音场效果图
- 2.B高音反相音场效果图
- 3.AB高音反相音场效果图
- 4.AB高音并联音场效果图
- 5.AB高音串联音场效果图
- 6.单音箱立体声音场覆盖面更广
- 7.单音箱立体声矩阵均衡音场接法
- 8.单音立体声麦克风均衡接法
- 9.音乐-人声分开进阶接法
- 10.单音箱双音室串联接法
- 11.分频器接綫盒
- 12.分频器接綫盒与喇叭
- 13.单元导通测试方式
- 14.改善音场效果基本接綫法



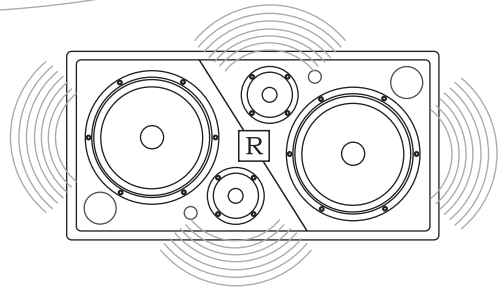
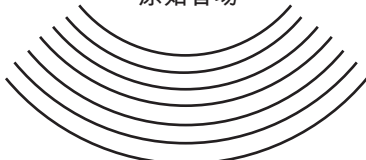
**KARABAR**

<<<使用前请详阅说明>>>

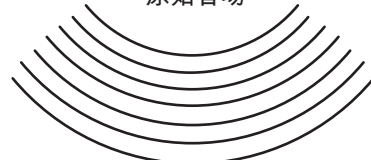
# A高音反相进阶音场调整接法



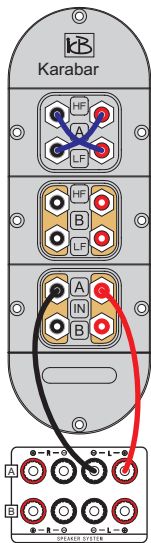
原始音场



原始音场



L

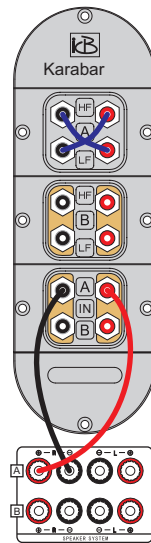


合并式功放

后面板接线端子

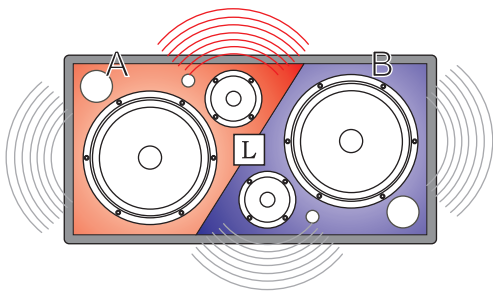
Karabar  
DP/PRO系列

R

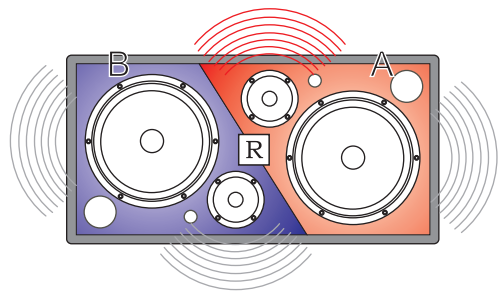


合并式功放

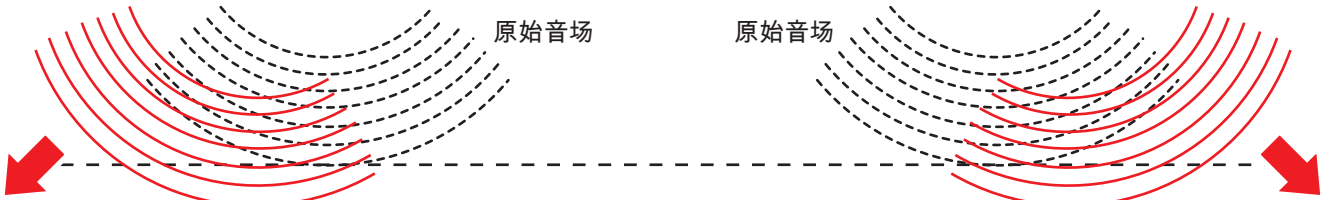
后面板接线端子



原始音场



原始音场



L音箱左侧音场往外向前

两侧音场往前

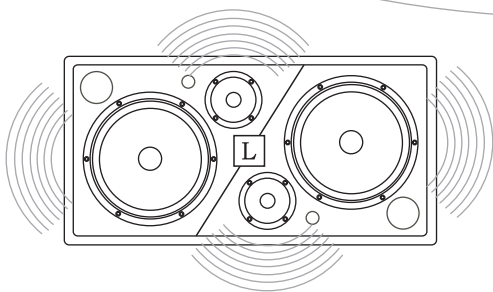
R音箱右侧音场往外向前



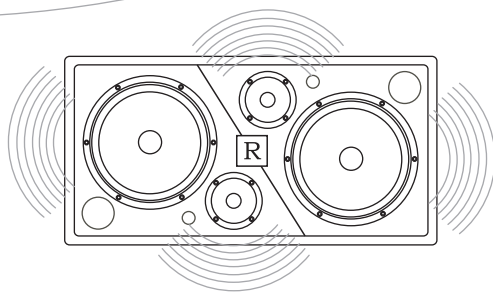
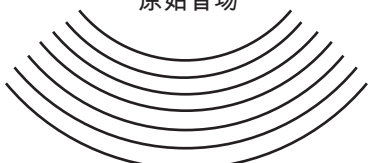
<搭配功放各项功能辅助微调出最佳效果>

# B高音反相进阶音场调整接法

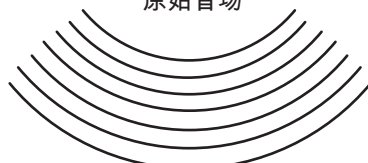
<2>



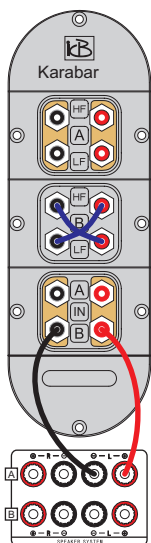
原始音场



原始音场



L

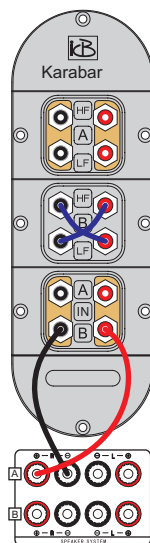


合并式功放

后面板接线端子

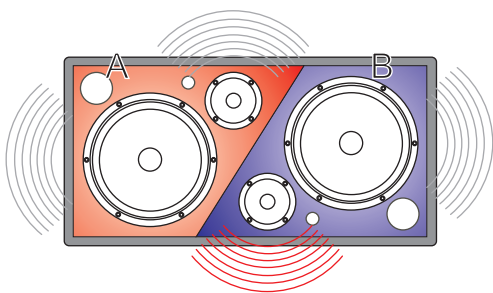
Karabar  
DP/PRO系列

R

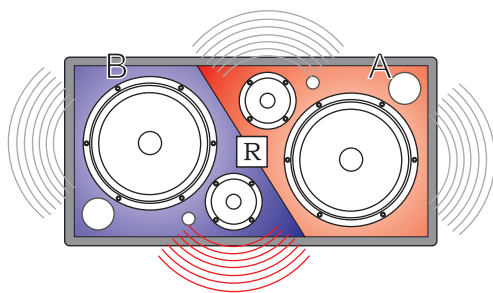


合并式功放

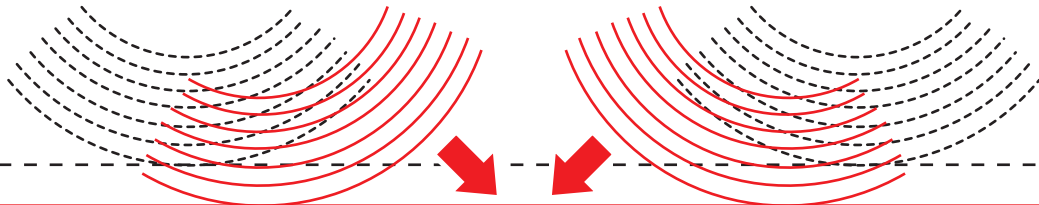
后面板接线端子



原始音场



原始音场



L音箱左侧音场往内向前

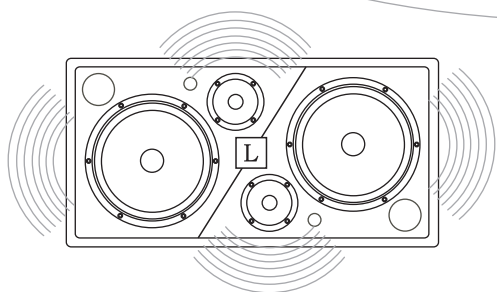
中间音场往前

R音箱右侧音场往内向前

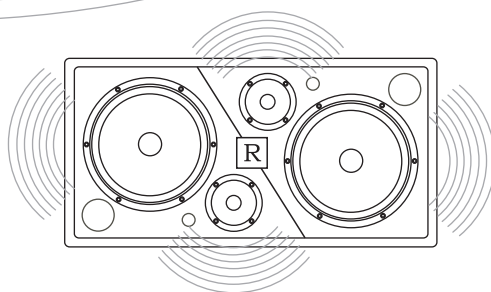
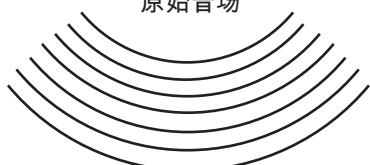


<搭配功放各项功能辅助微调出最佳效果>

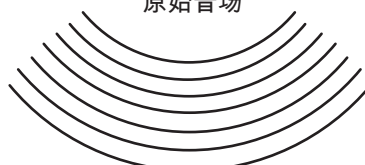
# A/B高音反相进阶音场调整接法



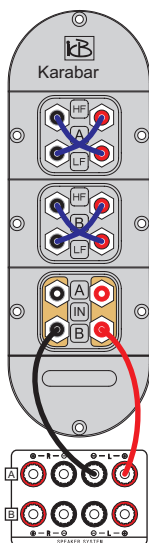
原始音场



原始音场



L

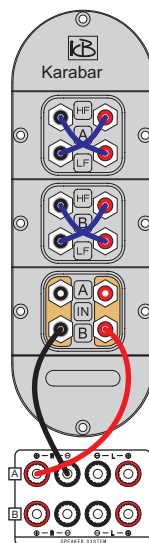


合并式功放

后面板接线端子

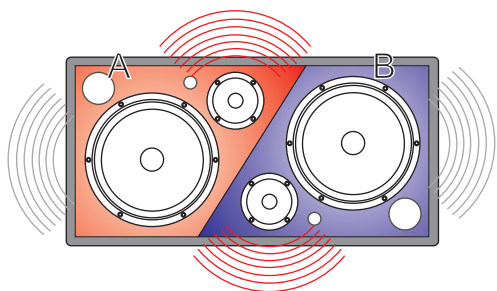
Karabar  
DP/PRO系列

R

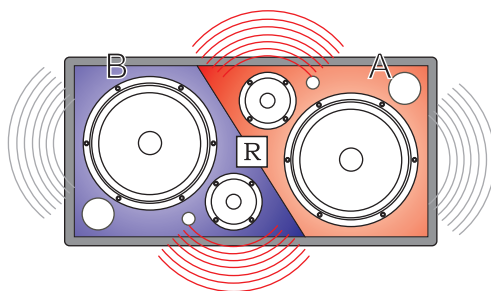


合并式功放

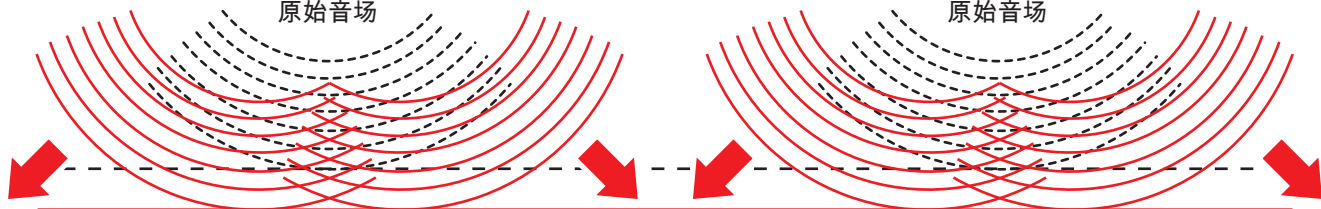
后面板接线端子



原始音场



原始音场



L音箱左侧音场整体向前

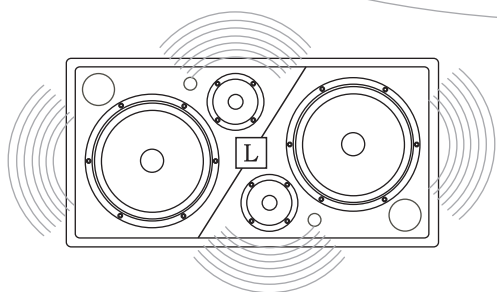
整体音场往前

R音箱右侧音场整体向前

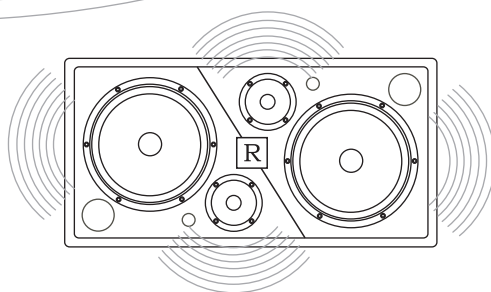
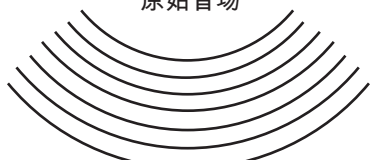


<搭配功放各项功能辅助微调出最佳效果>

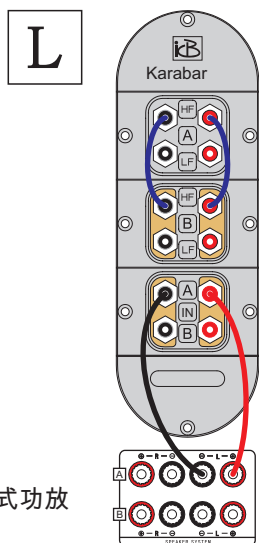
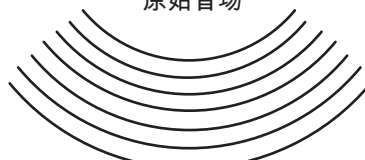
# AB高音并联进阶音场调整接法



原始音场



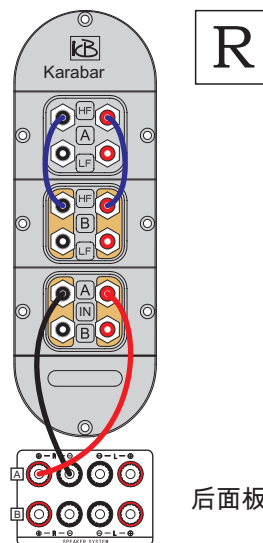
原始音场



合并式功放

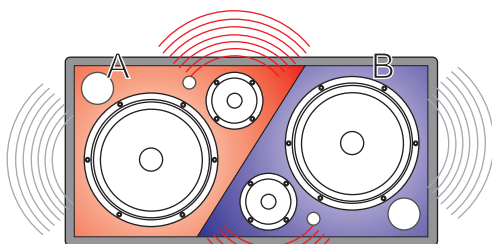
后面板接线端子

**Karabar**  
DP/PRO系列

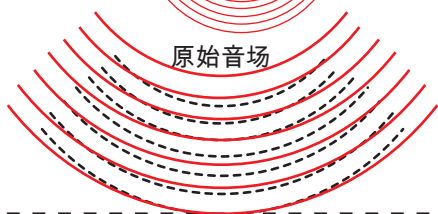


合并式功放

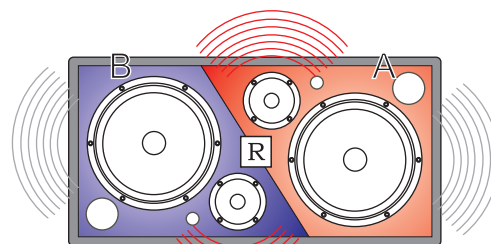
后面板接线端子



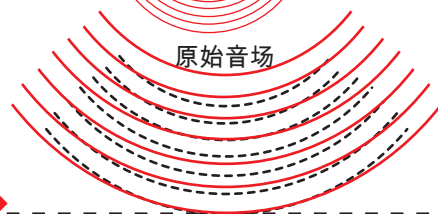
原始音场



L音箱左右侧音场拉开



原始音场

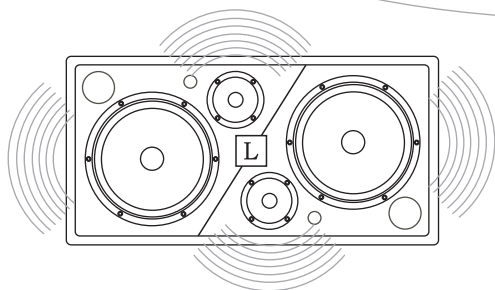


R音箱左右侧音场拉开

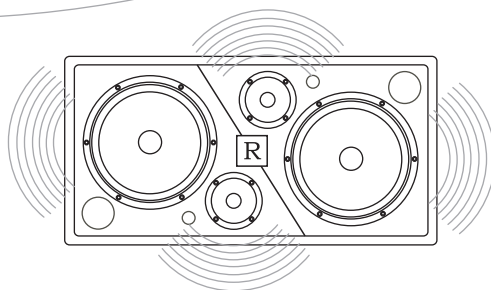
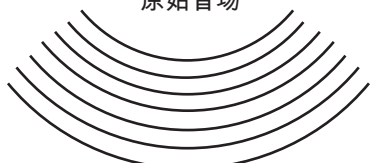


<搭配功放各项功能辅助微调出最佳效果>

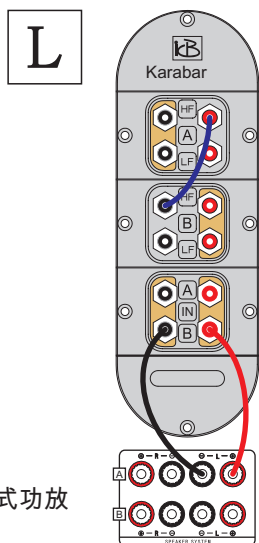
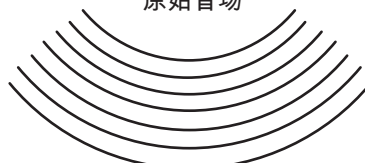
# AB高音串联进阶音场调整接法



原始音场



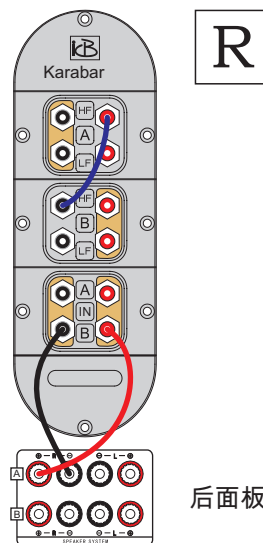
原始音场



合并式功放

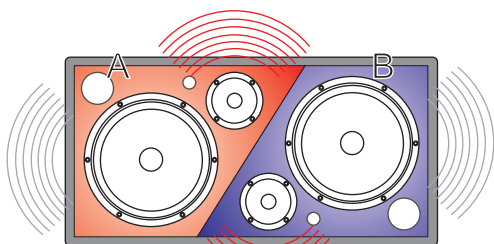
后面板接线端子

**Karabar**  
DP/PRO系列

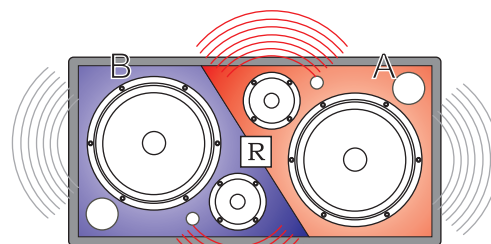


合并式功放

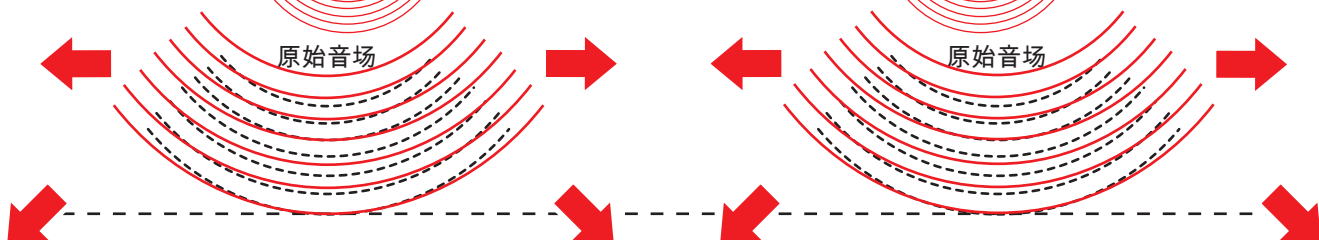
后面板接线端子



原始音场



原始音场



L音箱左右侧音场拉开

R音箱左右侧音场拉开



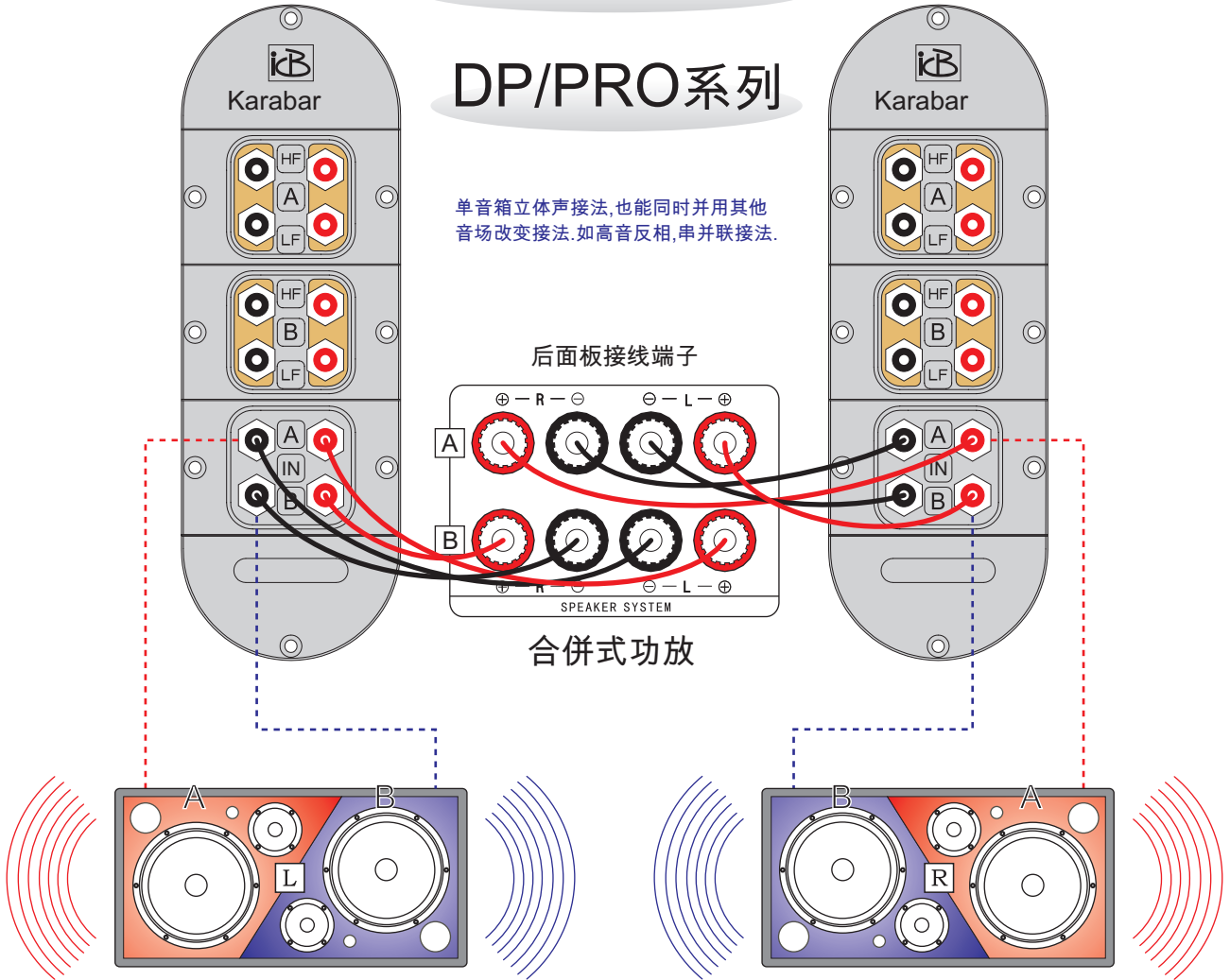
<搭配功放各项功能辅助微调出最佳效果>

# 单音箱立体声接法 音场覆盖面更广

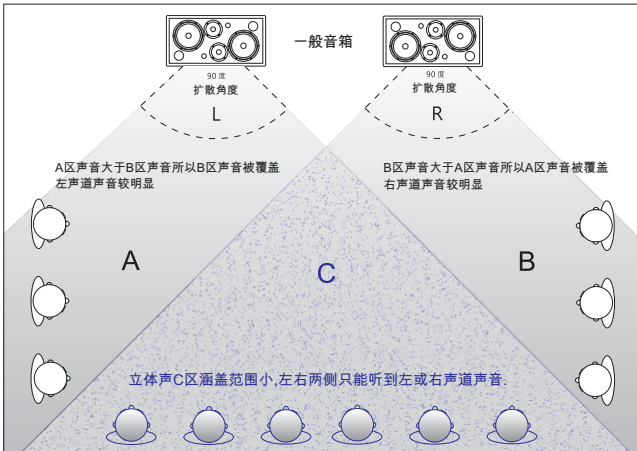
**iB Karabar**

**DP/PRO系列**

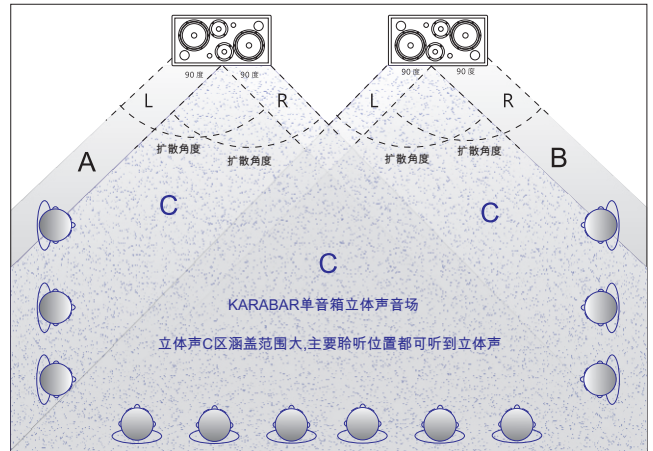
单音箱立体声接法,也能同时并用其他音场改变接法,如高音反相,串并联接法.



## 一般音箱立体声音场



## KARABAR单音箱立体声音场



# 单音箱立体声接法 矩阵排列大空间使用音场更均衡

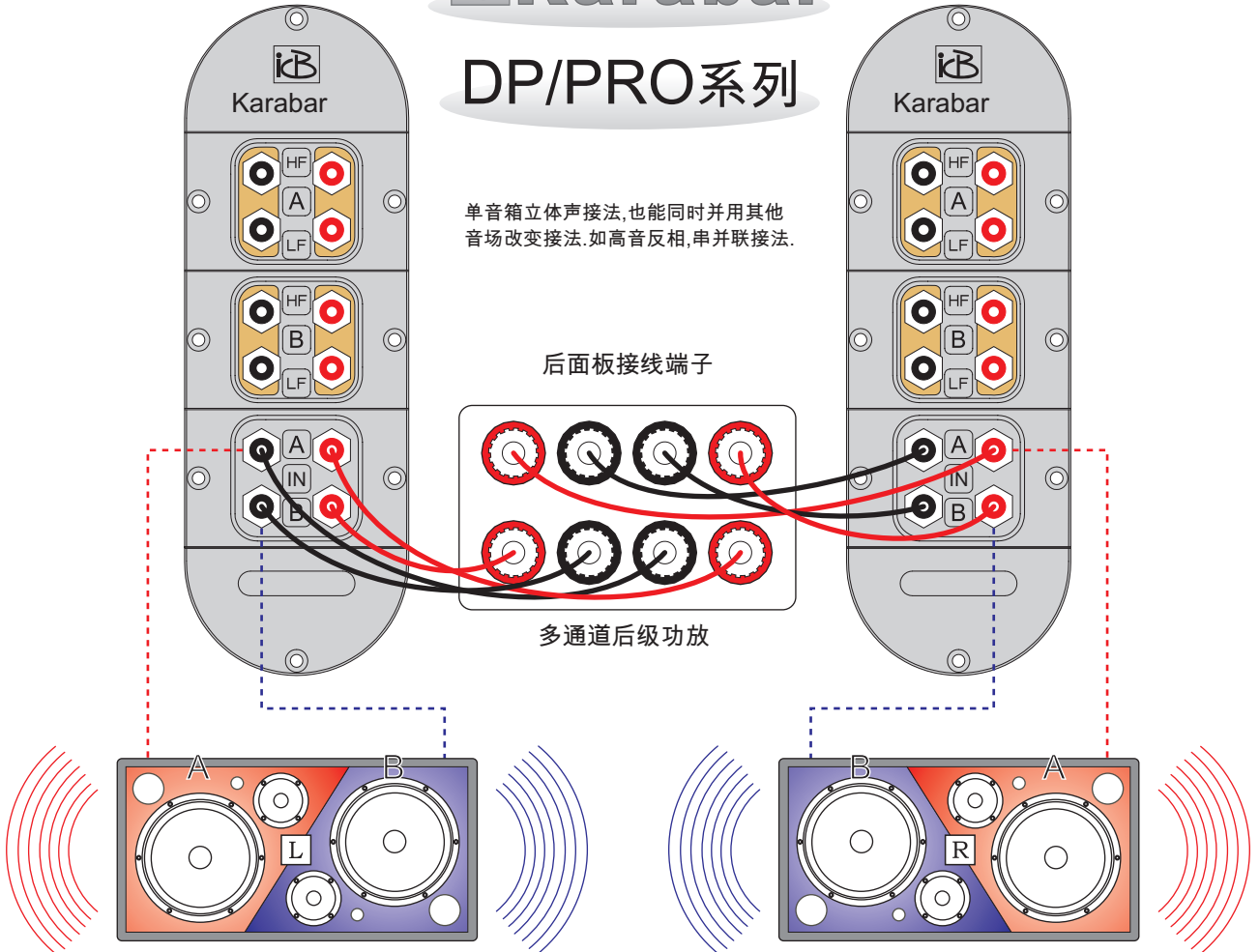
iB Karabar

DP/PRO系列

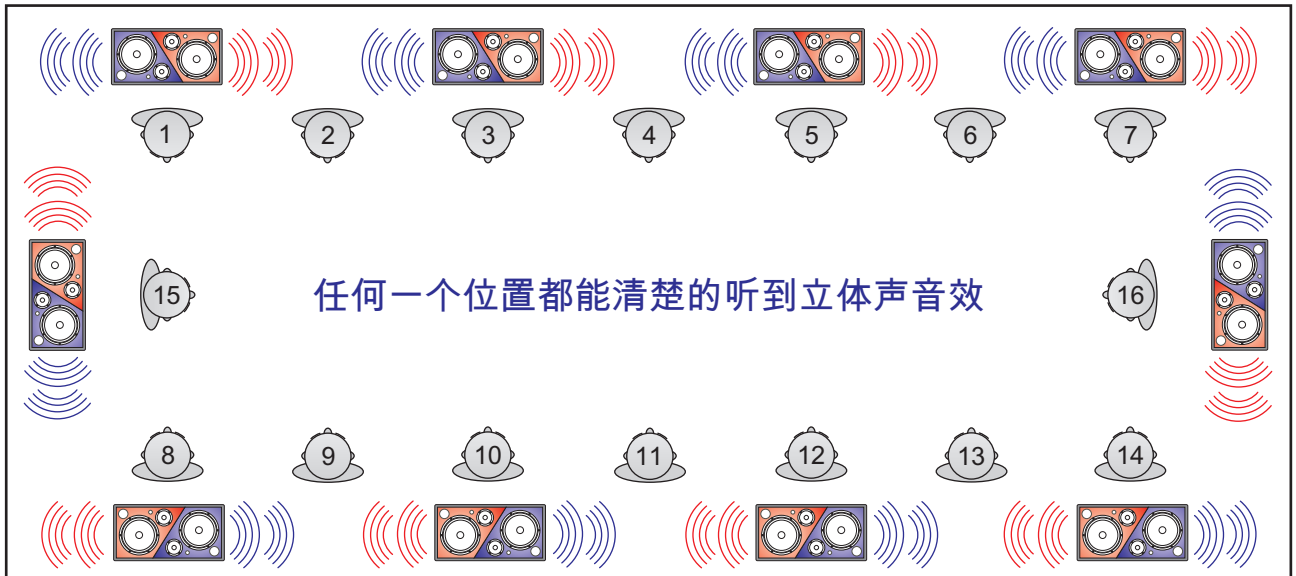
单音箱立体声接法,也能同时并用其他音场改变接法,如高音反相,串并联接法.

后面板接线端子

多通道后级功放



( 大空间时使用前级搭配多台多通道后级功放组成单音箱立体声, 单音箱人声与音乐分开方式也可以运用在此案例在大空间使用. )

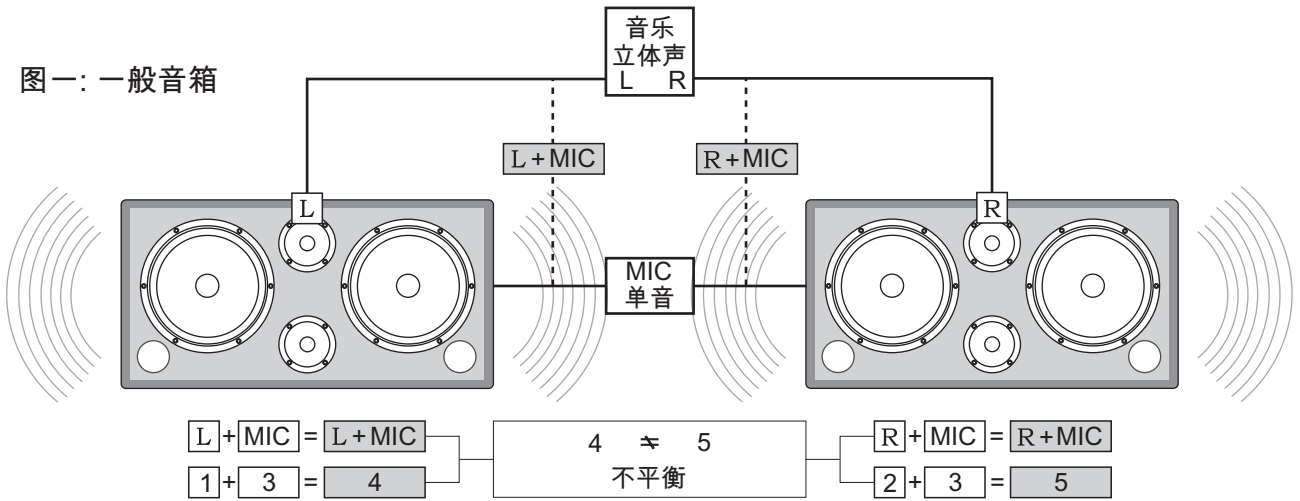




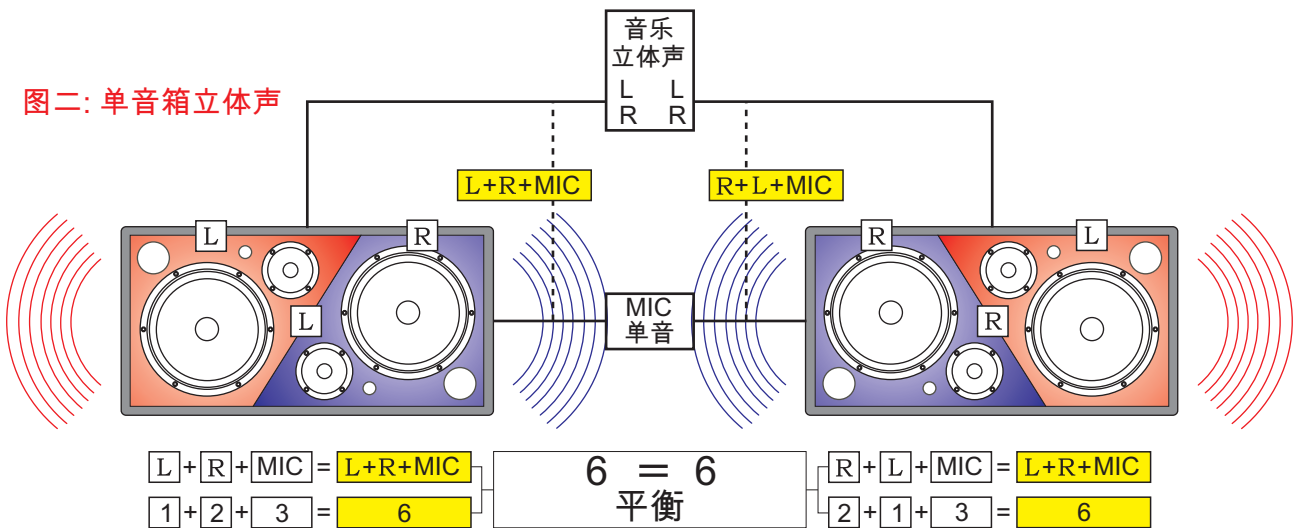
# 单音箱立体声 麦克风左右均衡

## iB Karabar DP/PRO系列

图一：一般音箱



图二：单音箱立体声



<<<两个不同的音源同时输入到同一个音箱会产生声音调变>>>

**请详阅说明**

音乐为立体声音源,分左右声道LR,LR声道各自与麦克风(单音)混音后分送至左声道音箱及右声道音箱. 麦克风为单音音源,一个音源一分为二,其一与音乐L左声道混音后送至左音箱,其二与音乐R右声道混音后送至右音箱(如图一所示).

各音源若以数字代替这样比较容易理解:如L音源以1表示,R音源以2表示,MIC音源以3表示.

如图一:左音箱为1(L)+3(MIC)=4调变后为4的声音,而右音箱为2(R)+3(MIC)=5调变出5的声音.

显然所得结果一个为4一个为5,所以左右音箱的麦克风声音是不平衡的.

我们再看看KARABAR单音箱立体声所得结果如何:

如图二:左音箱1(L)+2(R)+3(MIC)=6,右音箱2(R)+1(L)+3(MIC)=6

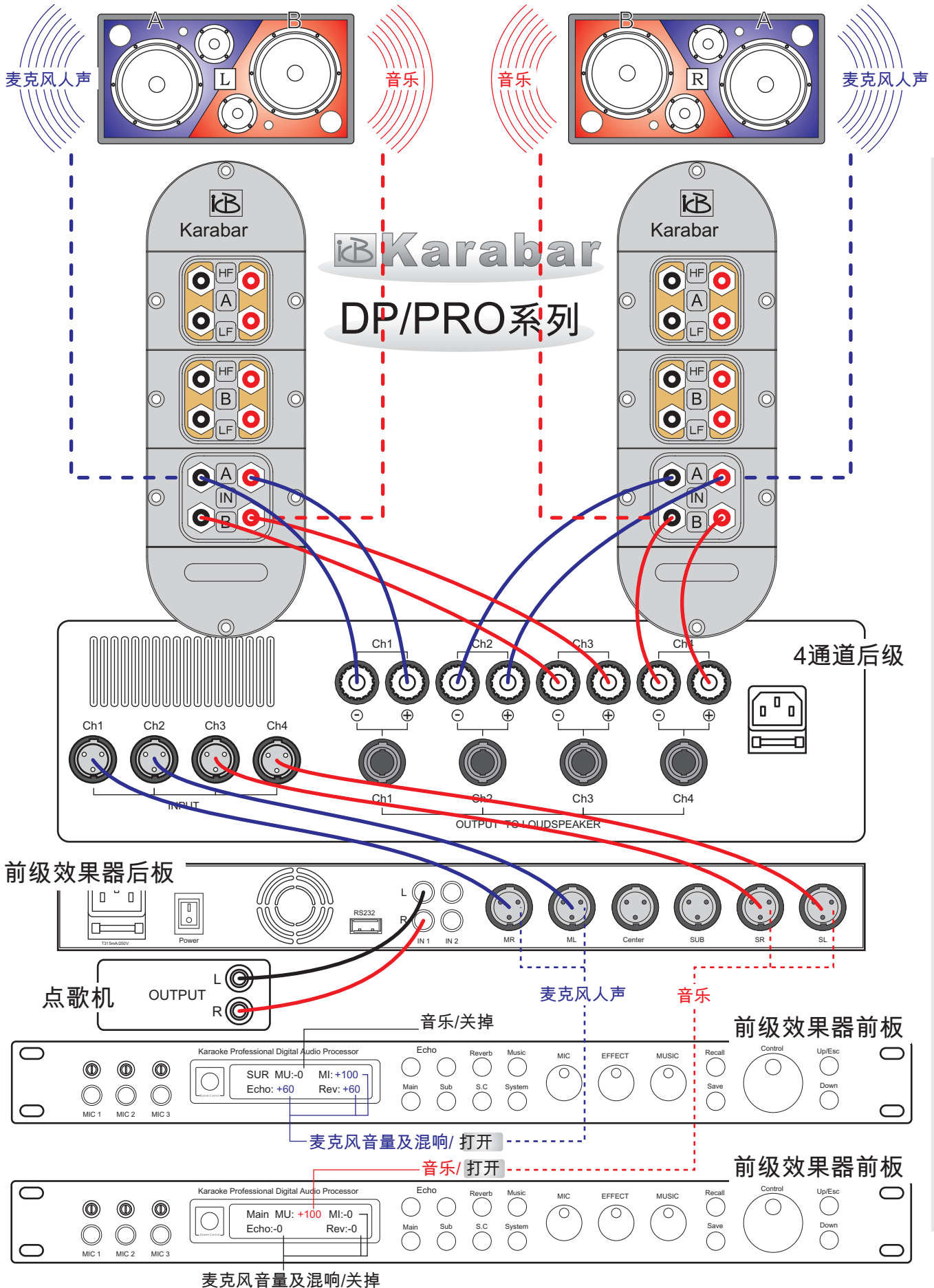
所得结果左音箱数字为6,右音箱数字为6,所以左右音箱的麦克风是平衡的.

单音箱立体声的好处在于能让麦克风声音在左右声道取得一个相对平衡的声音,使得唱歌的人声清晰度更加提升.

音乐表现在空间中也能得到一个较均匀的声场表现.较不受音箱放置位置影响而发生左右声道音场不平衡情况.

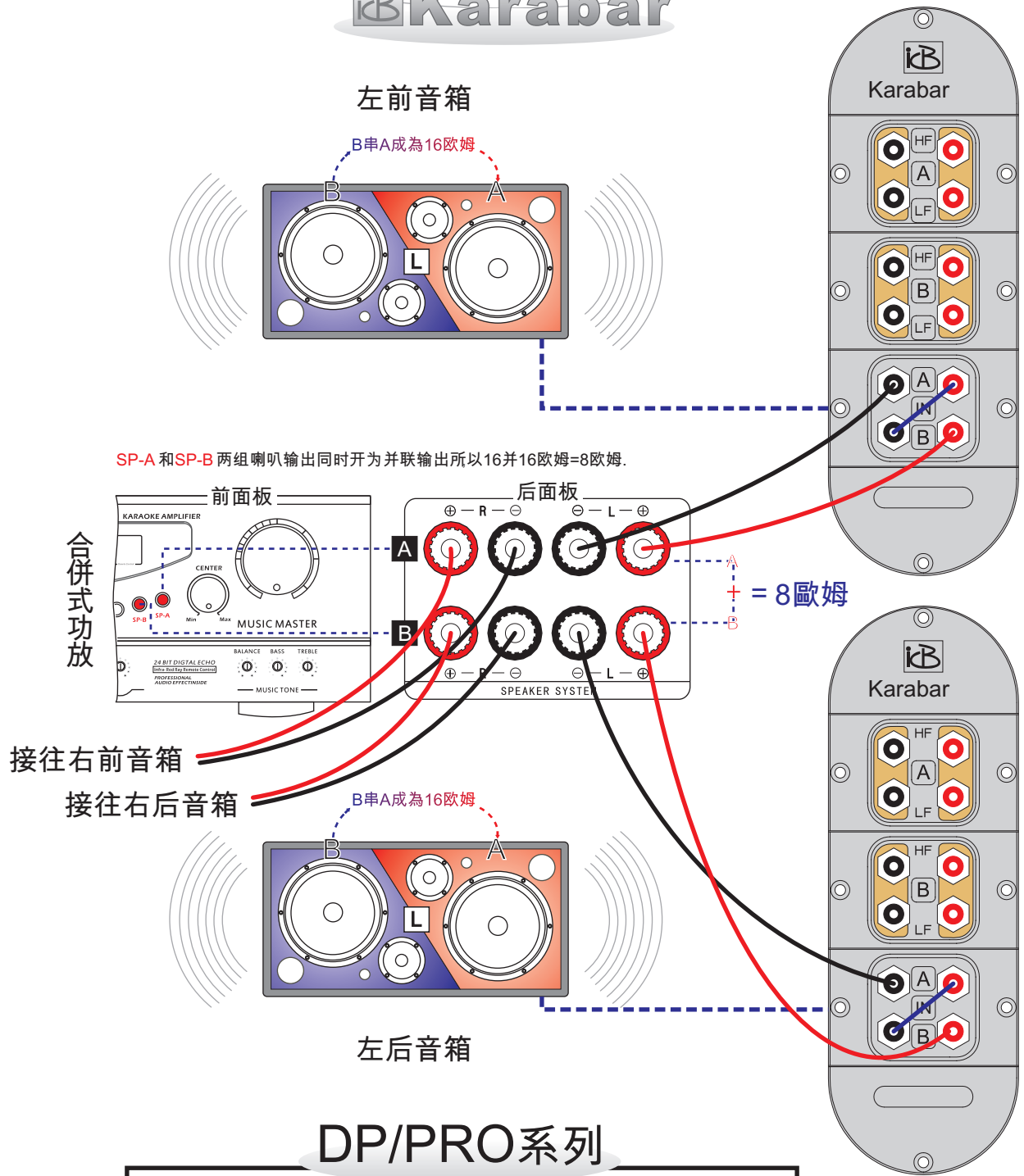
在做声音调适时也较容易达到调适目的.

# 单音箱人声与音乐分开进阶接法 人声音质表现最佳



KARABAR 单音箱人声与音乐分开处理，可解决MDO互调失真，让麦克风人声与音乐音质更加提升。  
互调失真 (MDO)：当两个信号在非线性电路或器件中混频时，将产生新的频率成分（这些频率在原始信号中并不存在），所产生的这一信号失真称为互调失真或MDO。

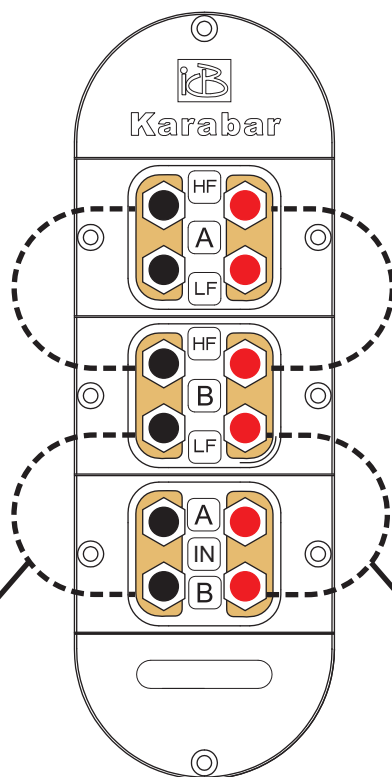
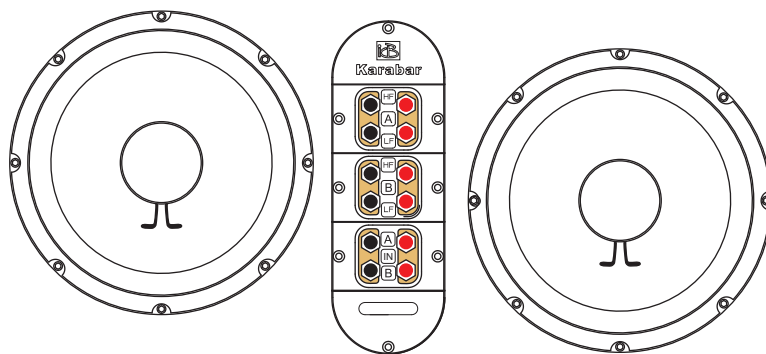
# 单音箱双音室串联接法



## DP/PRO系列



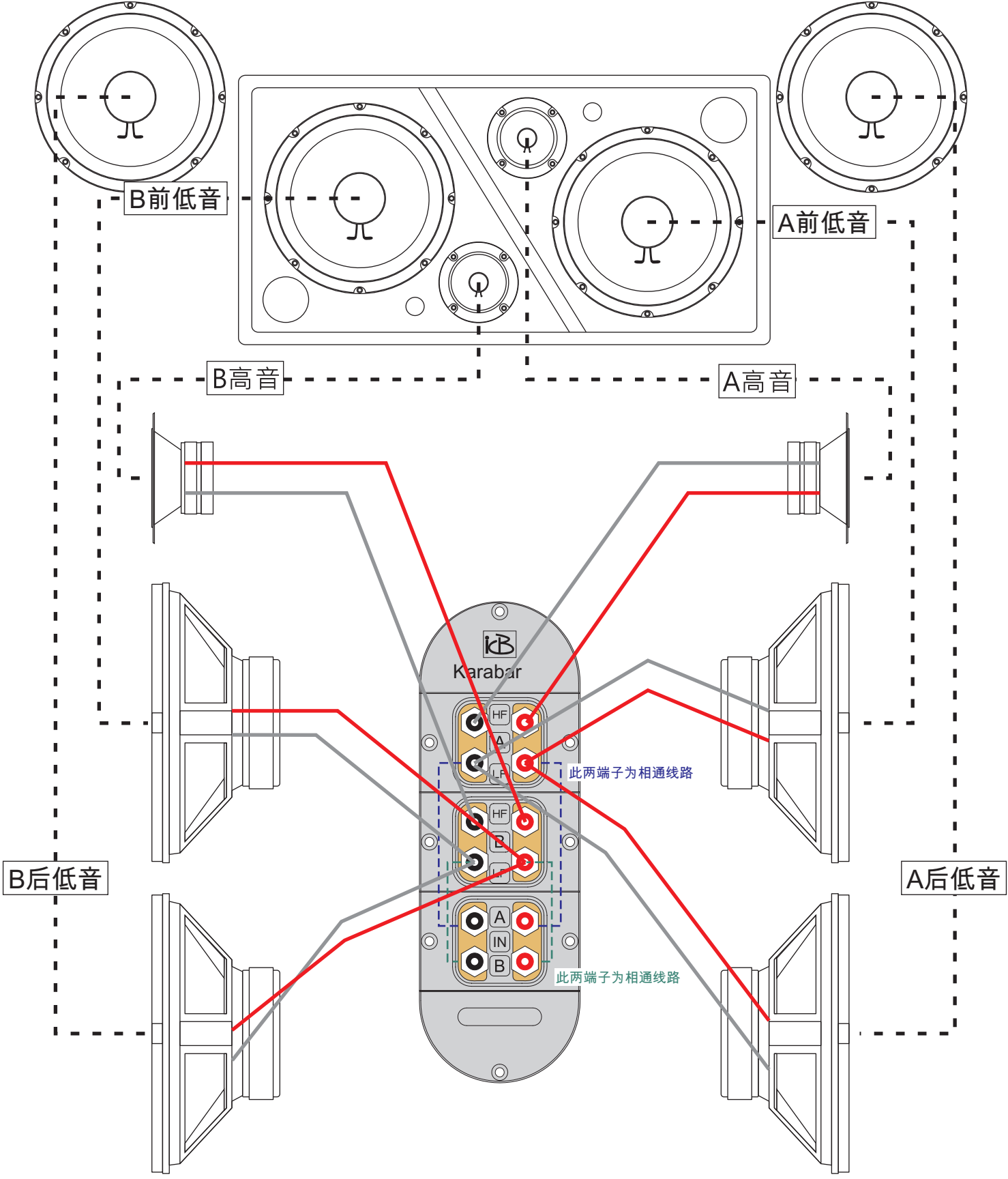
KB-2348DP/RPO分频器接线盒接线端子图示



检视铜片是否接妥, 若未接妥铜片会因线路未被导通, 可能致使高音没有声音.

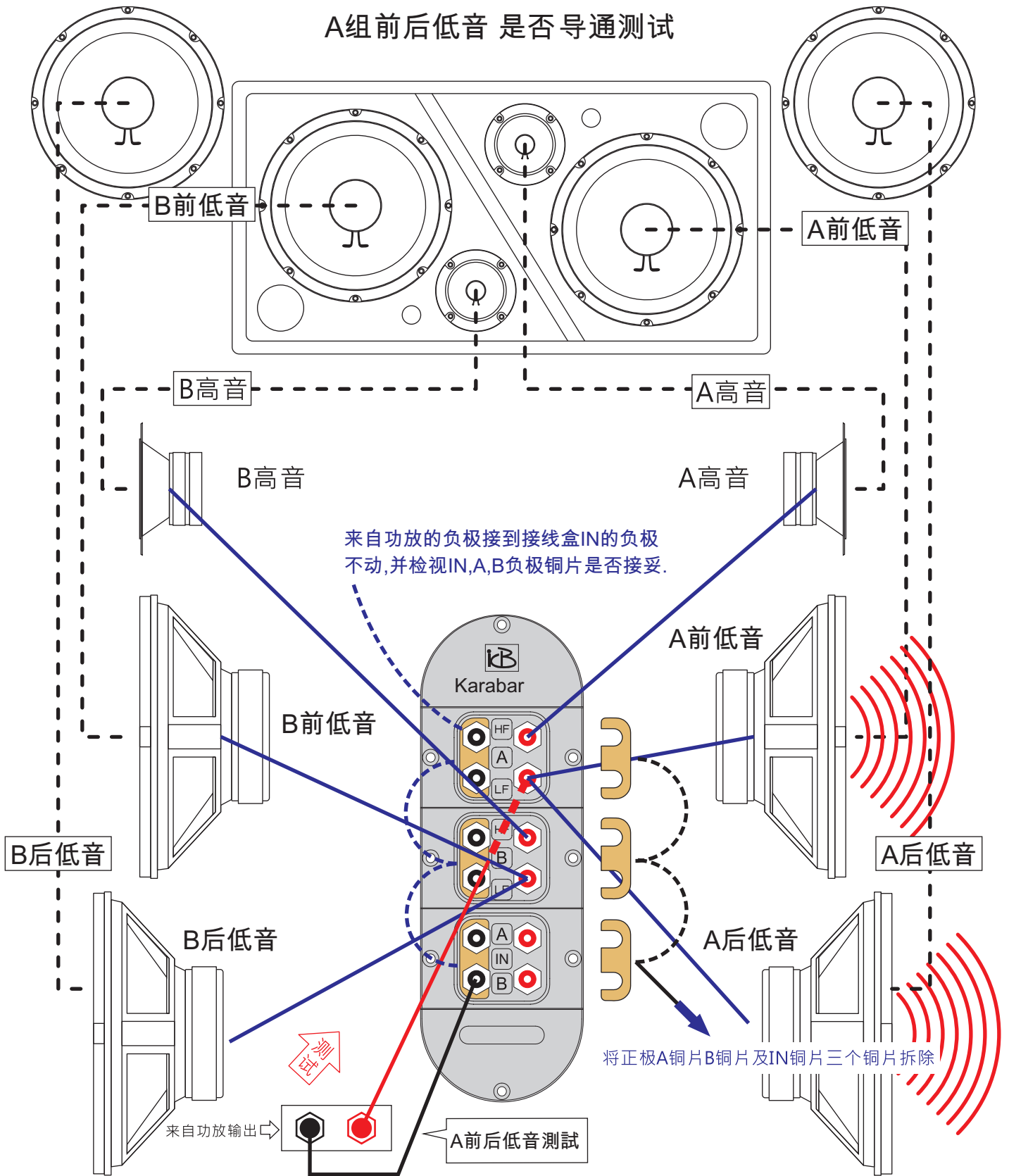
**KB-2348DP/RPO分频器线盒接线端子与喇叭相对应图示**

任何一个连接铜片未接妥都可能导致该线路声音异常(没有声音)而对声音表现有错误判断



KB-2348DP/RPO

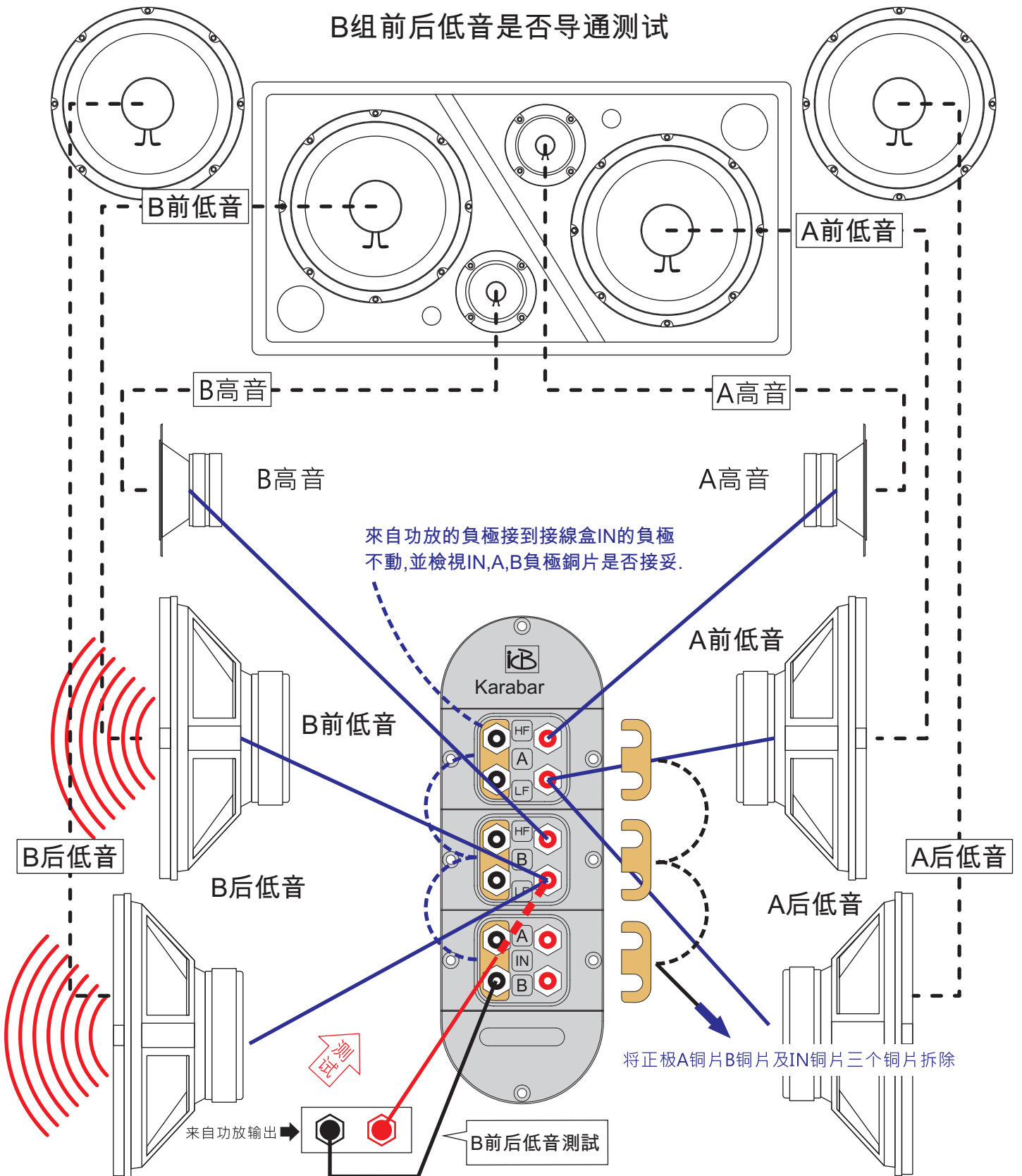
A组前后低音 是否导通测试



来自功放的负极接到接线盒IN/A或B的负极,功放的正极接到接线盒A/LF的正极,测试A组之前后低音是否正常。

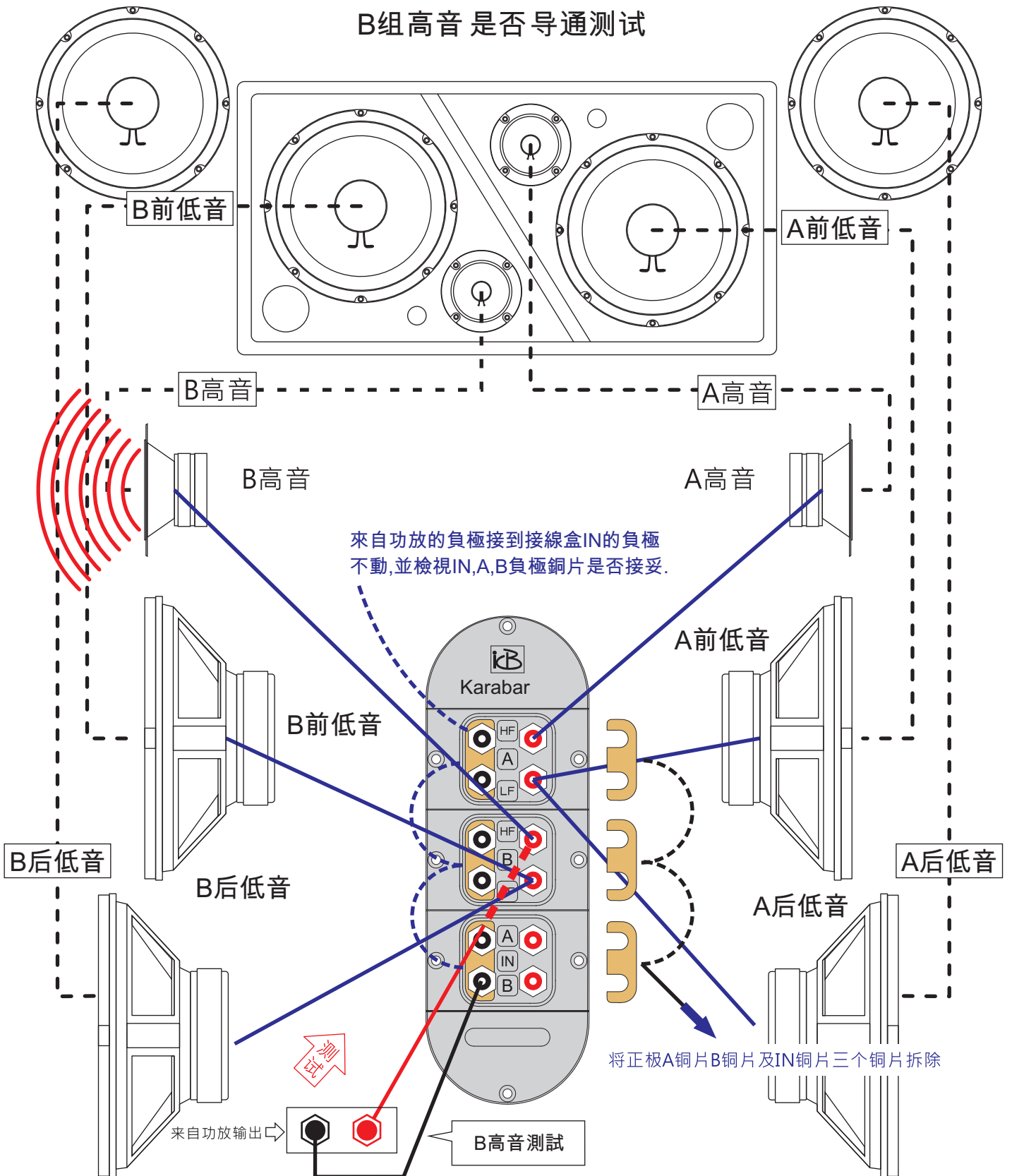
KB-2348DP/RPO

B组前后低音是否导通测试



来自功放的负极接到接线盒IN/A或B的负极,功放的正极接到接线盒B/LF的正极,测试B组之前后低音是否正常。

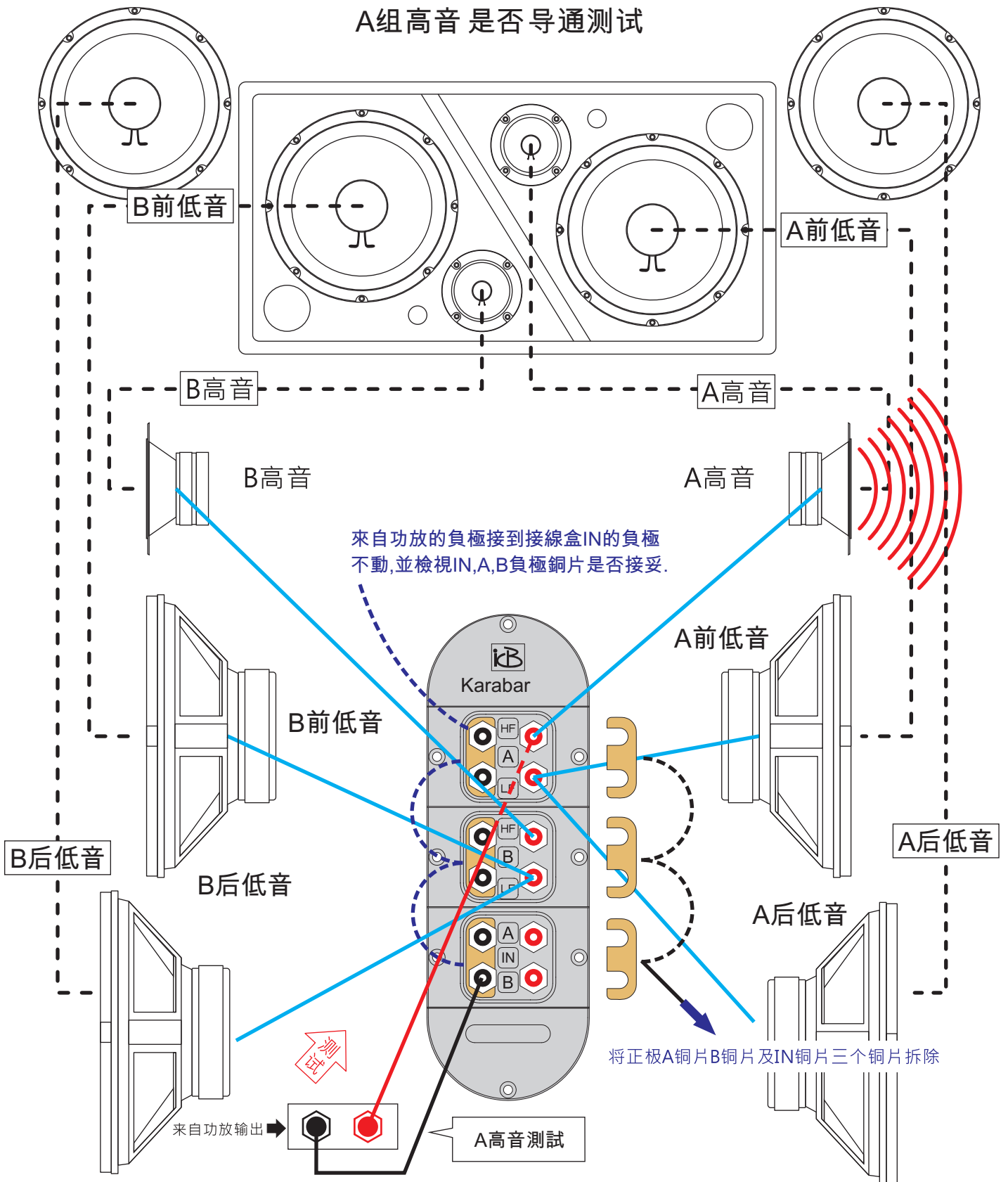
KB-2348DP/RPO  
B组高音 是否导通测试



来自功放的负极接到接线盒IN/A或B的负极,功放的正极接到接线盒B/HF的正极,测试B组之高音是否正常.



KB-2348DP/RPO  
A组高音 是否导通测试

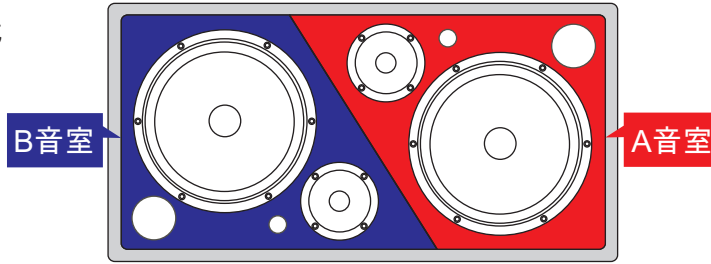


来自功放的负极接到接线盒IN/A或B的负极,功放的正极接到接线盒A/HF的正极,测试A组之高音是否正常。

## DP/PRO系列

## 改善音场效果基本接线法

超过12种以上改善音场接线方式



一般接法

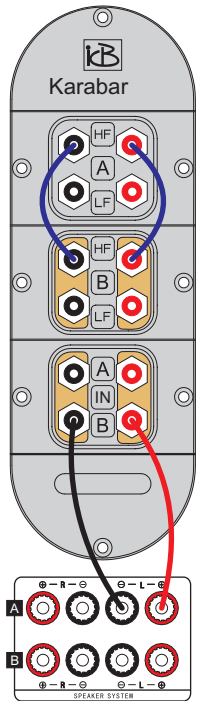
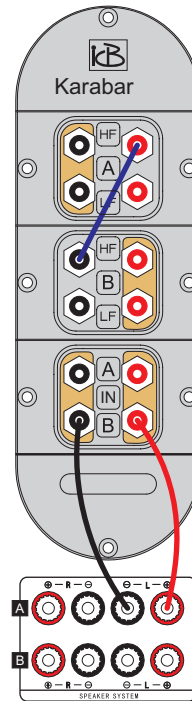
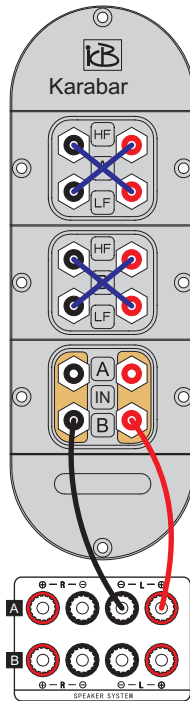
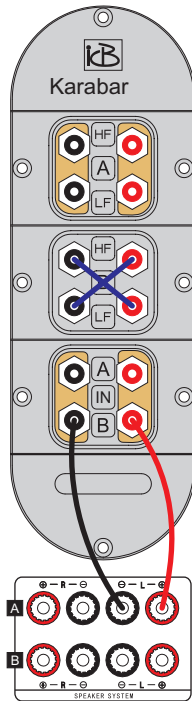
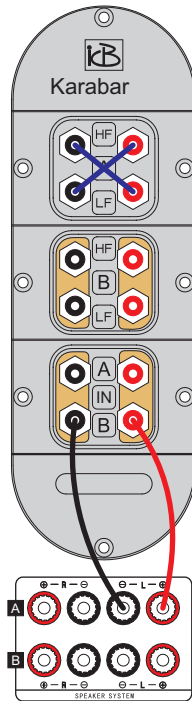
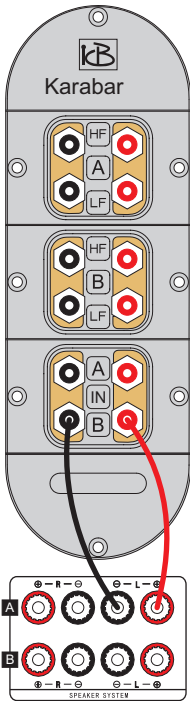
A音室高音反相接法

B音室高音反相接法

AB音室高音反相接法

高音串联接法

高音并联接法



单音箱立体声接法  
一般接法

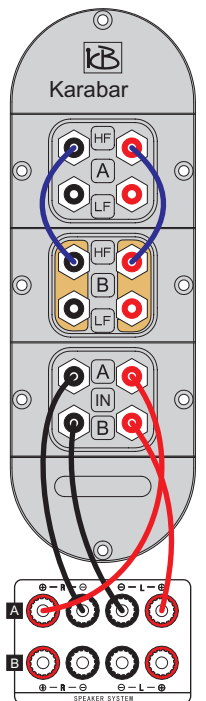
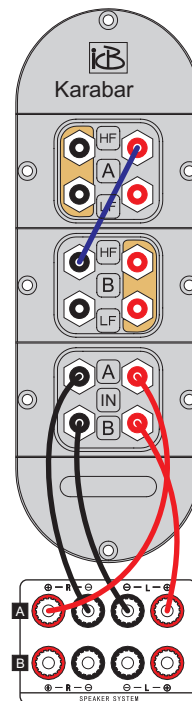
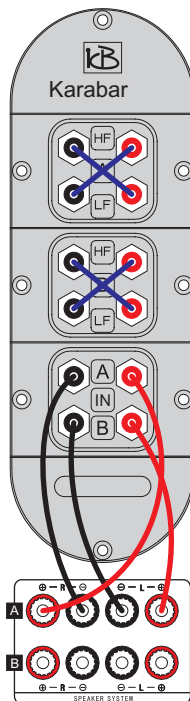
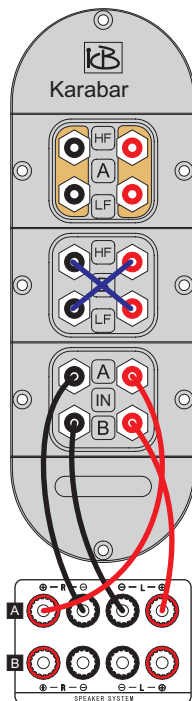
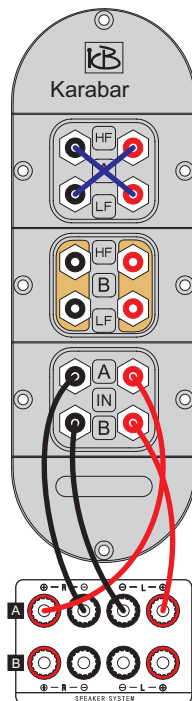
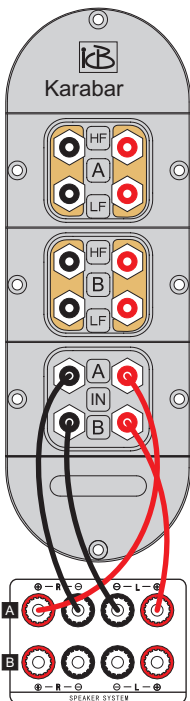
单音箱立体声接法  
A音室高音反相接法

单音箱立体声接法  
B音室高音反相接法

单音箱立体声接法  
AB音室高音反相接法

单音箱立体声接法  
AB音室高音反相接法

单音箱立体声接法  
高音并联接法





**KARABAR**