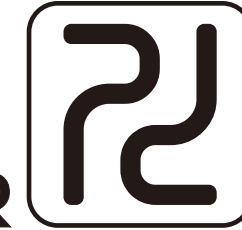




PRECISION DRIVE TECH. LTD.,  
NO. 8 JINGHU ROAD, XINHUA TOWN  
HUADU REGION, GUANGZHOU,  
510800  
P. R. CHINA

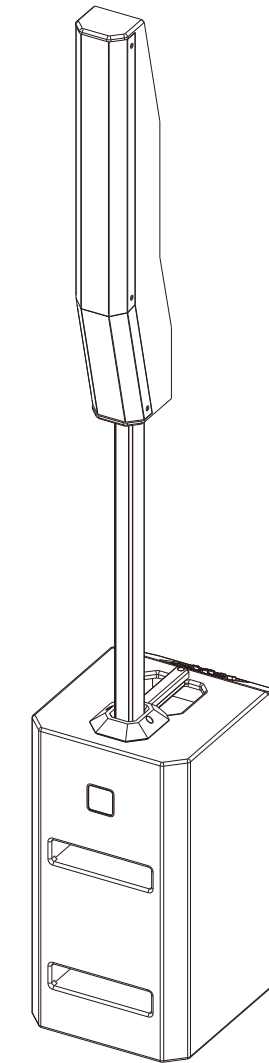
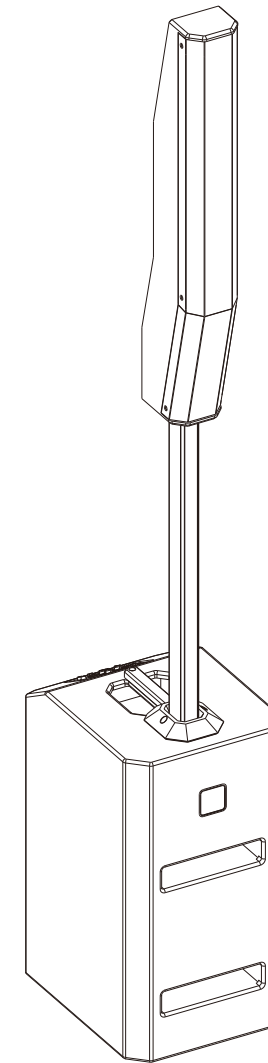
广州品笛电子科技有限公司  
广州市花都区镜湖大道 8号  
PD@PDPRO.COM.CN  
WWW.PDPRO.CN

# SOUND COLUMN ACTIVE LOUDSPEAKER



SC1003

SC1203



## PRECISION DRIVE



## SAFETY

### Important Safety Instructions



**WARNING:** TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT OVEREXPOSE THIS APPLIANCE TO RAIN OR MOISTURE

**AVIS:** RISQUE DE CHOC ELECTRIQUE, NE PAS OUVRIR.

**WARNING:** THE MAINS PLUG OR AC INLET IS USED AS A DISCONNECT DEVICE. THE DISCONNECT DEVICE SHALL REMAIN READILY OPERABLE.

**WARNING:** CONNECT ONLY TO MAINS SOCKET WITH PROTECTIVE EARTHING CONNECTION.

**WARNING:** TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK) AS THERE ARE NO USER-SERVICABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED PERSONNEL.

REFER SERVICING TO QUALIFIED PERSONNEL.

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a dry cloth.
7. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
8. Only use attachments/accessories specified by the manufacturer.
9. Do not expose this apparatus to dripping or splashing and ensure that no objects filled with liquids, such as vases, are placed on this apparatus.
10. Do not block any ventilation openings. Install in accordance with the manufacturers instructions.
11. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
12. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
13. Unplug the apparatus during lightning storms or when unused for long periods of time.



The lightning flash with arrowhead symbol, within an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.



The asterisk within an equilateral triangle is intended to inform the user to necessary installation or removal instructions regarding equipment or hardware use relating to the system.



14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. To completely disconnect AC power from this apparatus, the power supply cord must be unplugged.

\*

## SUSPENSION

Warning!

Suspending any object is potentially dangerous and should only be attempted by individuals who have a thorough knowledge of the techniques and regulations of suspending objects overhead. Precision Drive strongly recommends all loudspeakers be suspended taking into account all current national, federal, state, and local laws and regulations. It is the responsibility of the installer to ensure all loudspeakers are safely installed in accordance with all such requirements. When loudspeakers are suspended, Precision Drive strongly recommends the system be inspected at least once per year or as laws and regulations require. If any sign of weakness or damage is detected, remedial action should be taken immediately. The user is responsible for making sure the wall, ceiling, or structure is capable of supporting all objects suspended overhead. Any hardware used to suspend a loudspeaker not associated with Precision Drive is the responsibility of others.



\*

## PRECAUTIONS

	If an Precision Drive loudspeaker is used outdoors on a sunny day, place the loudspeaker in a shaded or covered area. The loudspeaker amplifiers have protection circuits that temporarily shut the loudspeaker off when extremely high temperatures are reached. This can happen on hot days when the loudspeaker is in direct sunlight.
	Do not use Precision Drive loudspeakers in an environment where temperatures are below 0°C (32°F) or exceed +40°C (104°F).
	Never expose an Precision Drive loudspeaker to rain, water, or high moisture.
	Precision Drive loudspeakers are easily capable of generating sound pressure levels sufficient to cause permanent hearing damage to anyone within normal coverage distance. Caution should be taken to avoid prolonged exposure to sound pressure levels exceeding 90 dB.

\*



Old electrical and electronic appliances

Electrical or electronic devices that are no longer serviceable must be collected separately and sent for environmentally compatible recycling (in accordance with the European Waste Electrical and Electronic Equipment Directive). To dispose of old electrical or electronic devices, you should use the return and collection systems put in place in the country concerned.



# QUICK SETUP

The powered loudspeakers are fully integrated audio systems with carefully matched electronics and transducers. These products make it easy to setup a high quality sound system quickly with a minimum amount of cables and external electronics.

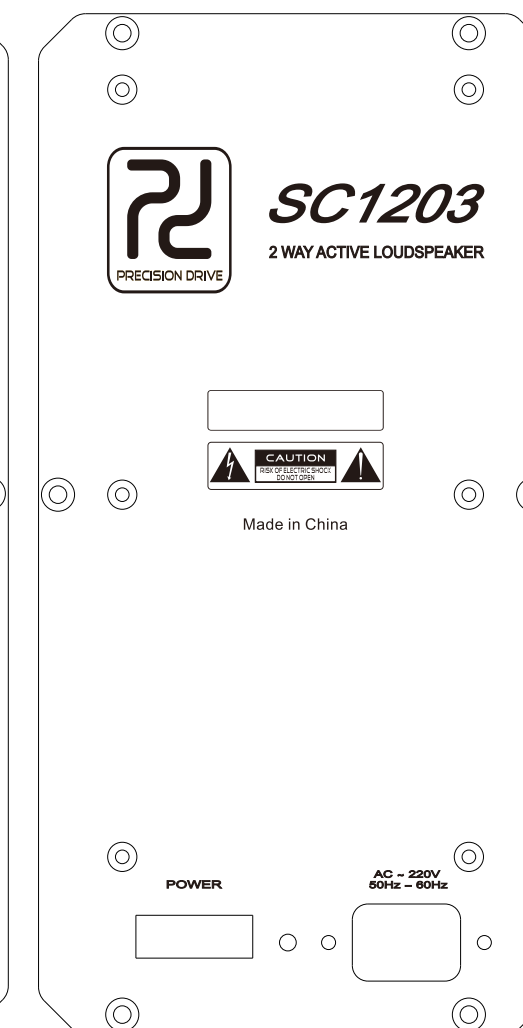
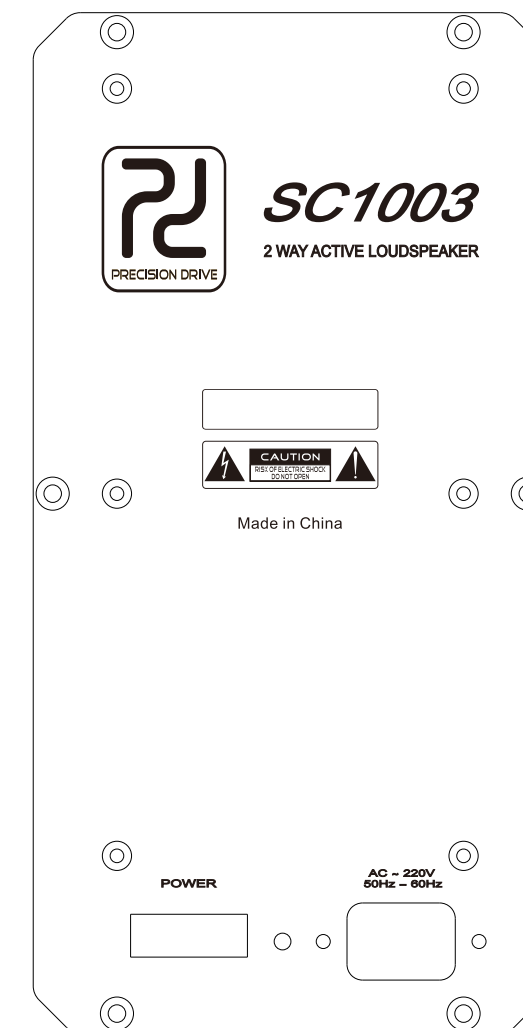
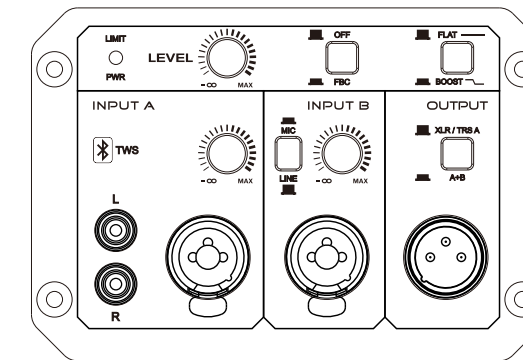
To get the loudspeaker into operation as quickly as possible, please observe the following steps:

Step	Illustration
1. Turn INPUT LEVEL and LOUDSPEAKER LEVEL to $-\infty$ .	
2. Connect the AC power cord from a grounded line receptacle to MAINS IN.	
3. Connect a XLR, TRS or RCA cable from an audio source to INPUT A or INPUT B.	
4. Switch POWER to ON.	
5. Slowly increase INPUT LEVEL and LOUDSPEAKER LEVEL to the desired volume.	



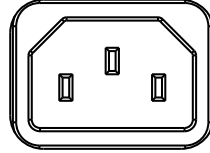

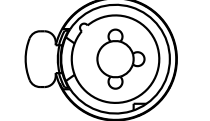
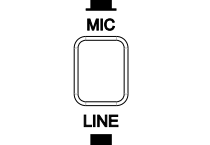





# AMPLIFIER CONTROLS

The amplifier has a combination of controls and connectors to ensure the most versatile loudspeaker system. Each component below has a description on the following pages


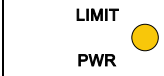
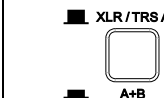
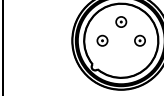




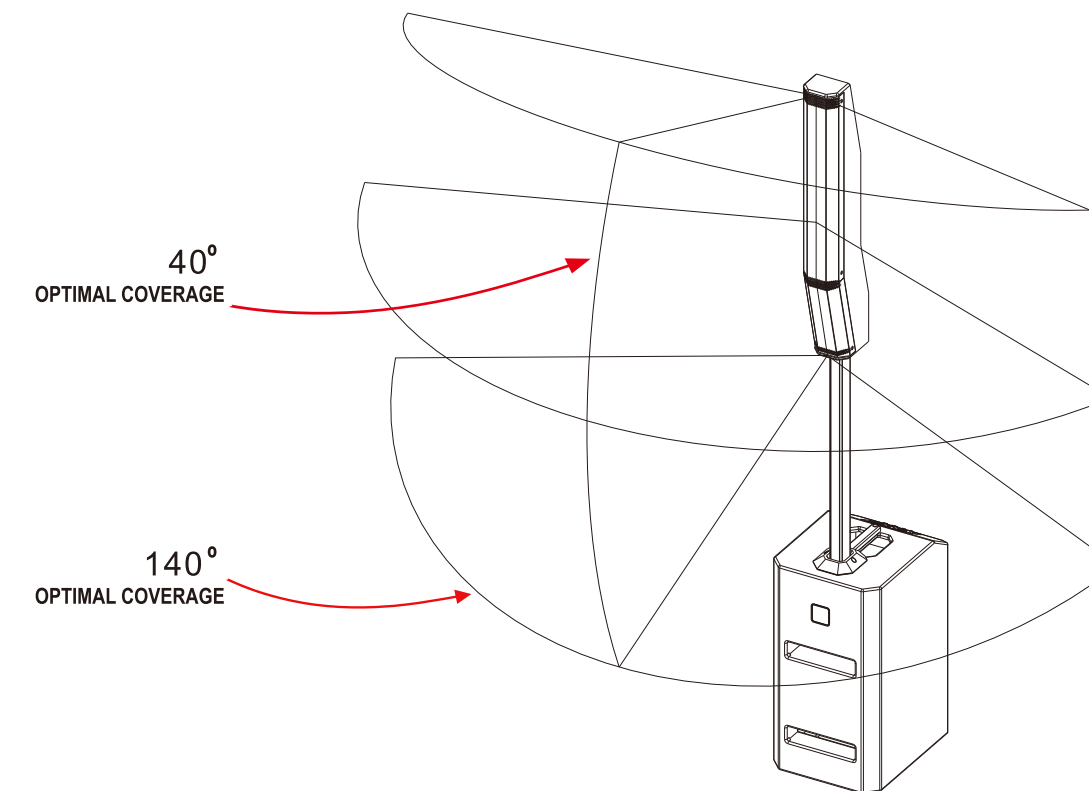
### AMPLIFIER CONTROLS (CONT')

	<p><b>MAINS IN</b> AC connection is established via an IEC-connector. For 230V operation, the AC voltage must be 190V - 264V. A 1.5m (10') AC cord with IEC-plug is supplied. Extension cords can be used to lengthen the AC cable as necessary. Make certain they are 3-conductor cables of suitable gauge and they are properly grounded to avoid electrical hazards and extraneous noise. Under high signal conditions, the loudspeaker amplifier can draw 0.6 amps of current at 230V. Be cautious of what else is plugged into the same electrical service line to avoid electrical problems and poor performance.</p>
	<p><b>POWER</b> AC switch for switching the power ON or OFF. The switch lights after turning the power ON. If the LED is not lit upon turning the power on, make sure that the AC cord is correctly connected and the outlet is properly working.</p>
	<p><b>XLR/TRS INPUT</b> Electronically balanced input for the connection of high-level signal sources like mixing consoles or signal processors. Connections can be established using 1/4" TRS or XLR-type connectors. INPUT B will accept a microphone input if MIC/LINE switch is depressed.</p>
	<p><b>MIC / LINE</b> When depressed, activates a microphone preamp for use with dynamic microphones. A pen or paperclip is needed to depress the switch to MIC mode. <b>CAUTION!</b> Do not plug a line level signal into INPUT B when MIC/LINE is in the mic position.</p>
	<p><b>RCA INPUT</b> Stereo unbalanced RCA inputs for connecting sources such as CD players or MP3 players. Both RCA inputs are summed and can be controlled with INPUT A LEVEL. The inputs can be used simultaneously with XLR/TRS INPUT A.</p>
	<p><b>INPUT LEVEL</b> Level control for adjusting the individual input's amplification. The level control affects the volume of the individual input section.</p>
	<p><b>Noise gate.</b></p>
	<p><b>FULL RANGE EQ</b> The FULL RANGE EQ switch controls the low-frequency extension, or bass boost, of the full range. EQ FLAT (—) works best when the full range is used under normal applications. EQ BASS BOOST (⌒) provides additional low-frequency extension and works best for applications requiring enhanced bass performance.</p>
	<ol style="list-style-type: none"> <li>1. Turn on the speaker on the right channel.</li> <li>2. On your mobile device, select SC1003 to initiate the pairing process.</li> <li>3. Input password: "0000";</li> <li>4. After pairing, then turn on the speaker on Left side, It will automatically match with the "right channel" to become stereo.</li> </ol>



	<p><b>LOUDSPEAKER LEVEL</b> Level control for adjusting the volume of the loudspeaker. The level control affects the volume of both INPUT A and INPUT B. LOUDSPEAKER LEVEL control does not affect the level of the THRU OUTPUT connector.</p>
	<p><b>PWR:</b> green LED lights up when the loudspeaker is powered on. <b>LIMIT:</b> yellow LED lights up when the loudspeaker is operated at its limit. short-term blinking is uncritical, because the integrated limiter keeps distortion under control. Constant lighting of the LED indicates that the sound is negatively affected. Reduce LOUDSPEAKER LEVEL or INPUT LEVEL knobs to prevent limit.</p>
	<p><b>INPUT SELECT</b> XLR/TRS A allows the signal from XLR/TRS Input A to pass to THRU OUTPUT. INPUT A LEVEL does not affect the level of THRU OUTPUT. The signal from RCA INPUT is not passed to THRU OUTPUT. A+B is a mix of INPUT A and INPUT B. A+B allows the loudspeaker to act as a basic two channel mixer that can send the mix to another loudspeaker via the THRU OUTPUT connector.</p>
	<p><b>THRU OUTPUT</b> XLR output connector to send the signal to another speaker or subwoofer. The output is based on the selection made at the INPUT SELECT switch.</p>

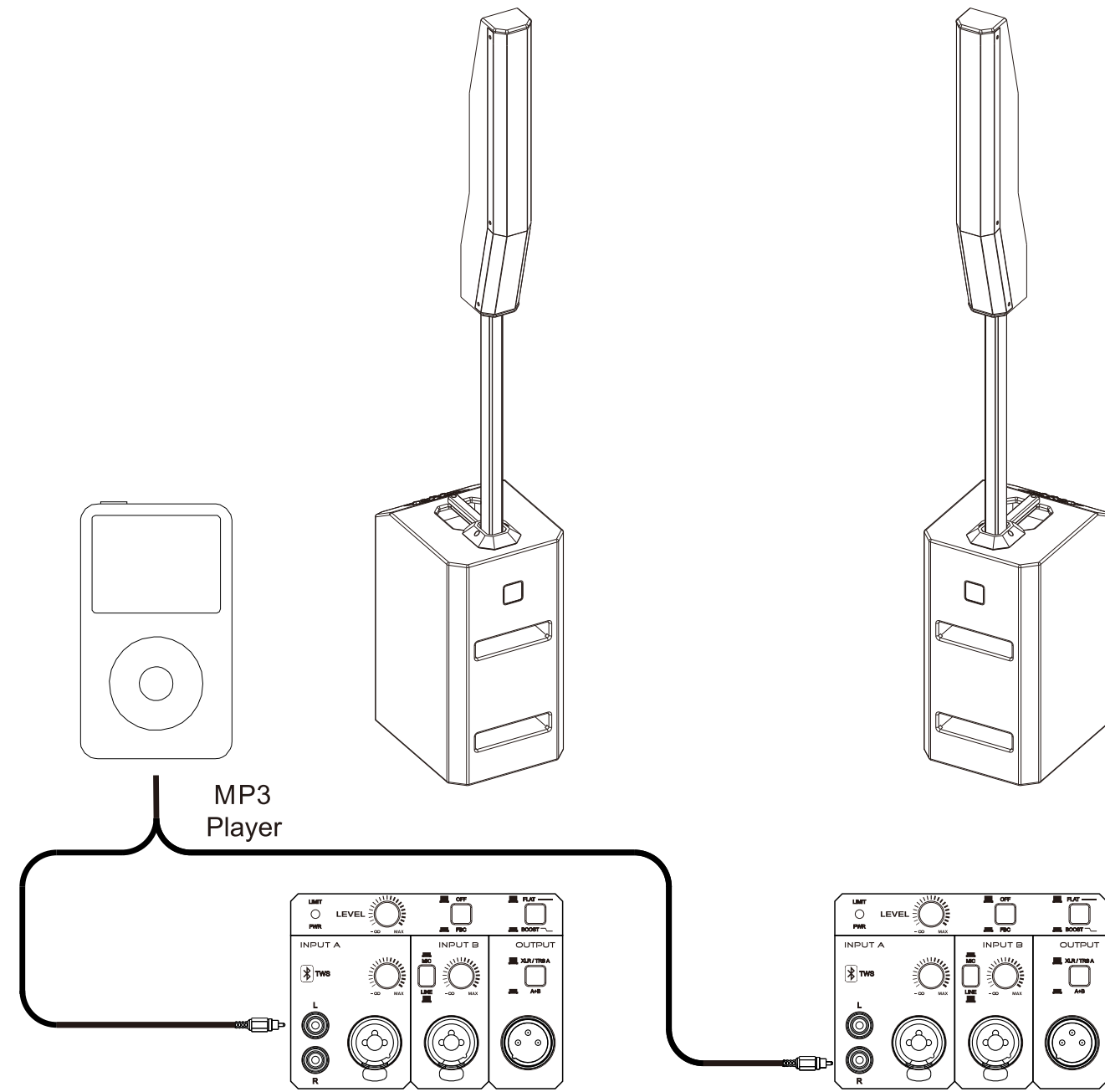
Ultra-wide 140° horizontal coverage via custom-designed waveguides and array-formed 40° asymmetrical vertical coverage means all acoustical energy is directed towards both sitting and standing audiences.





# RECOMMENDED CONNECTIONS

Stereo pair of SC1003&SC1203 systems

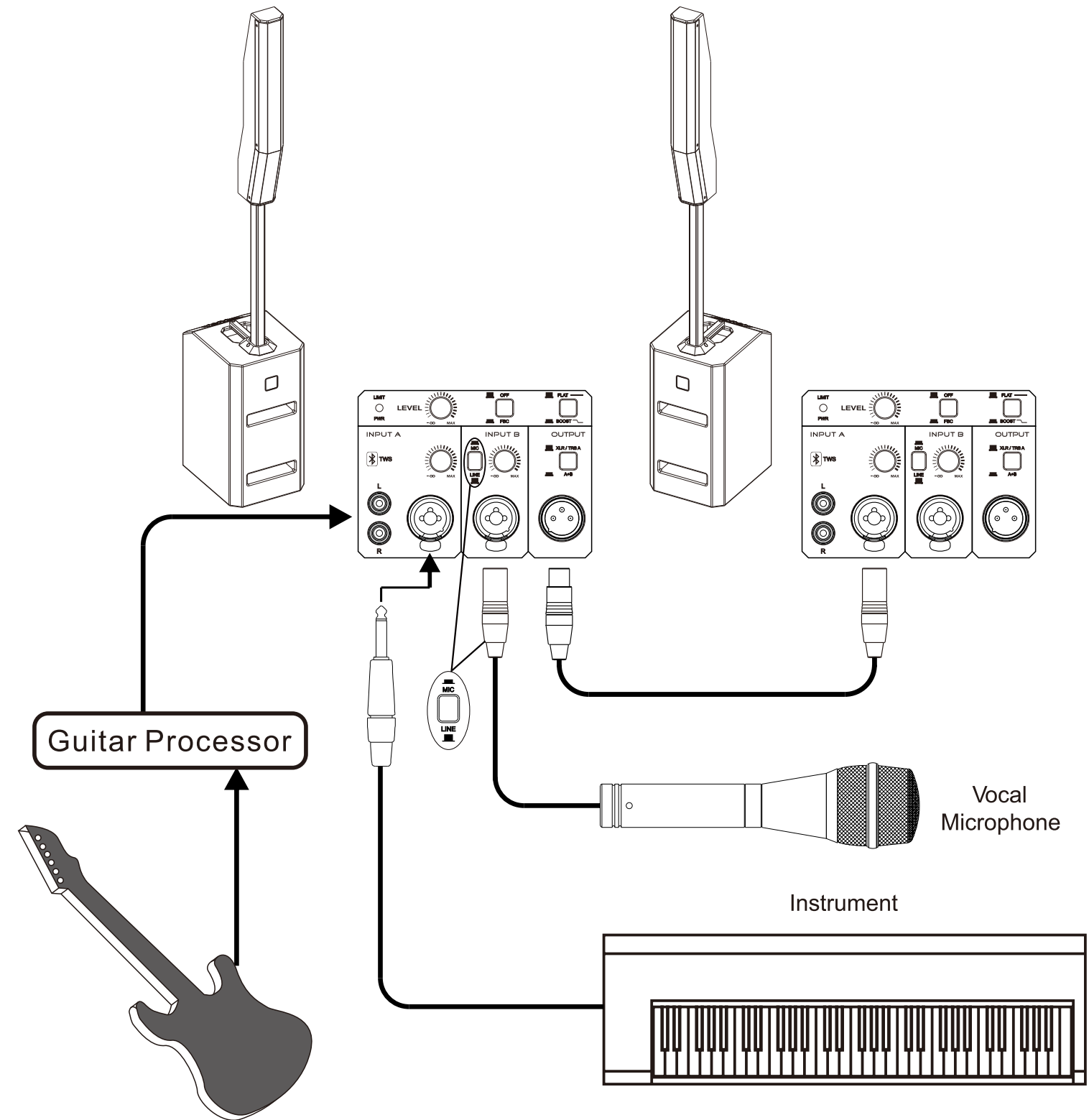


PRECISION DRIVE



# RECOMMENDED CONNECTIONS (CONT')

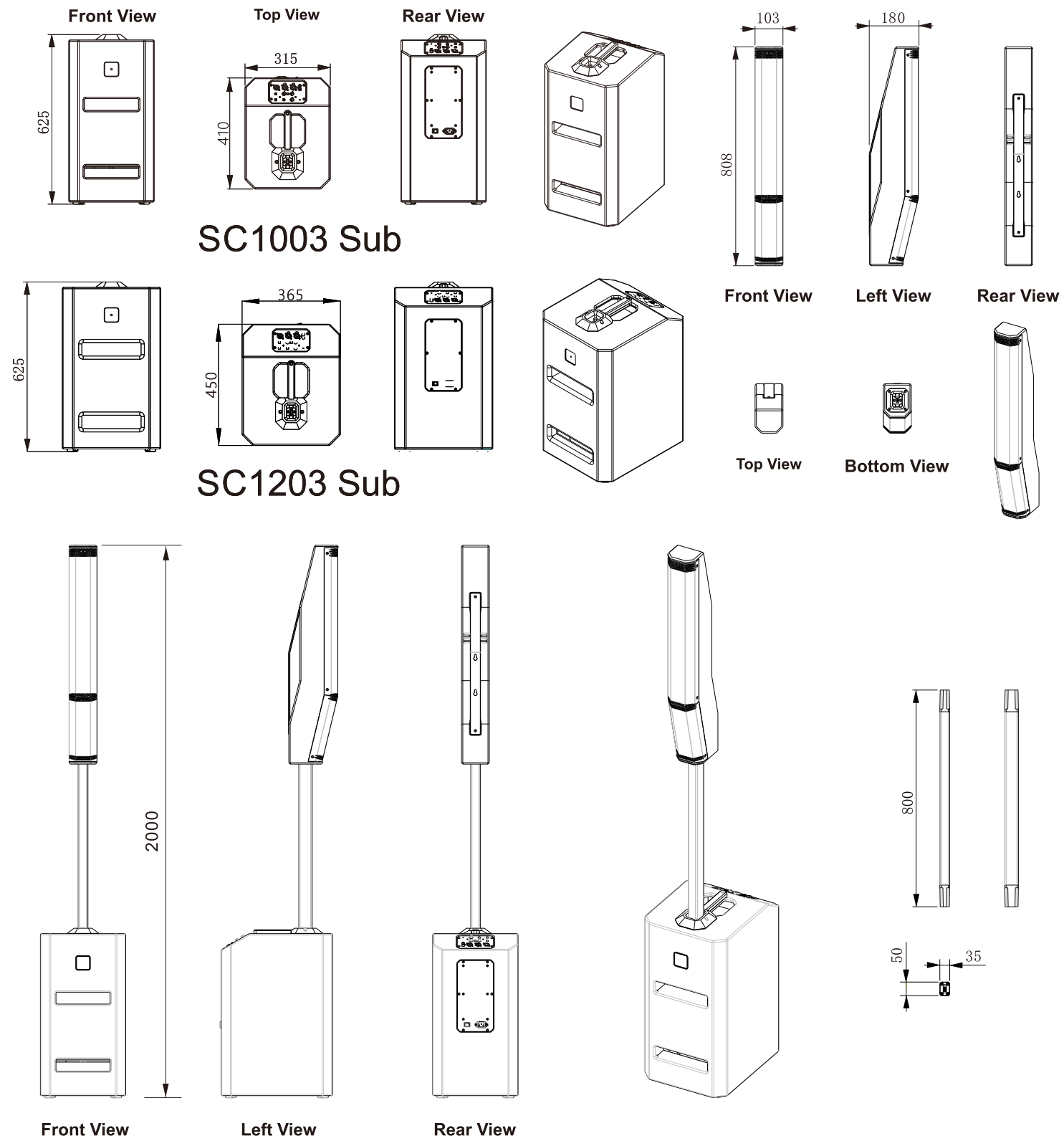
Musician performance



PRECISION DRIVE



## DIMENSIONS



PRECISION DRIVE



## SPECIFICATIONS

MODEL:	SC1003	SC1203
Frequency response (-3 dB):	45Hz-20 KHz	40Hz-20 KHz
Frequency range (-10 dB):	40Hz-20 KHz	36Hz-20 KHz
Low frequency design:	10"bandpass	12"bandpass
Mid-high design:	8X3.5" line source with phase plug	
LF Driver:	10"with 38mm coil	12"with 51mm coil
HF Driver:	3.5"with 25mm coil full range	
Maximum SPL:	126dB	128dB
Coverage (H x V):	140° X 40°	
Amplifier rating:	1000W & 1200W	
LF channel rating:	500W	600W
HF channel rating:	500W	600W
Crossover frequency:	4th / 200hz DSP	
Connectors:	2x XLR/TRS Combo Jack Input 1x Stereo RCA Input 1x Wireless Bluetooth® Audio Input 1x XLR THRU Output	
Enclosure:	Sub: 15 mm plywood Column: 9 mm plywood Pole: Aluminum	
Grille:	Steel with black or white powder coat	
Color:	Black or white	
Dimensions (WxHxD):	SUB:W315 H625 D410mm	SUB:W365 H625 D450mm
	Column: W103 H808 D180mm Pole: W35 H800 D50mm Total height: H2000mm	
Net weight:	SUB:15.5kg	SUB:19.5kg
	Column: 4.8 kg Pole: 0.9 kg	
Shipping weight:	24.5kg	28.5kg
Shipping Dimensions (HxWxD):	W520 H890 D500mm	W580 H890 D530mm
Power consumption:	AC~220 V, 50-60 Hz, 1.5-0.6 A	

PRECISION DRIVE



## 安全

### 重要安全说明

 <p>警告：为了降低火灾和电击风险，应避免设备被雨水打湿或受潮 AVIS: RISQUE DE CHOC ELECTRIQUE, NE PAS OUVRIIR. 警告：电源插座或AC插头用作断路装置。断路装置应保持操作简便性。 警告：只能连接到带保护接地的电源插座。 警告：为降低电击风险，请勿拆下外盖（或后盖），因为设备内部没有用户可维修的部件。维修服务请咨询有关合格人员。</p>		<p>内含内带有箭头闪电符号的等边三角形用于提醒用户：产品箱体内部存在未绝缘的“危险电压”，其能量级别足以对人造成电击伤害。</p>
		<p>内含感叹号的等边三角形用于提醒用户：产品随附的文档资料中介绍了重要的操作和维护（保养）说明，请仔细阅读。</p>
		<p>内含星号的等边三角形用于告知用户有关设备的必要安装或拆卸说明或系统相关的硬件使用。</p>

1. 仔细阅读这些说明。
2. 保管好这些说明。
3. 留意所有警告。
4. 遵循所有说明。
5. 请勿在靠近水源的地方使用本设备。
6. 只能使用干软布清洁。
7. 请勿阻塞任何通风孔。遵照制造商的说明进行安装。
8. 请勿在靠近热源的地方安装，例如，散热器、贮热器、火炉或其他生热装置（包括功率放大器）。
9. 请勿破坏极性插头或接地型插头的安全功效。极性插头配有两个接线片，其中一片比另一片宽。接地型插头配有两个接线片以及一个接地插脚。宽接线片或接地插脚均用于保护您的人身安全。如果提供的插头无法插入插座，请联系电工更换老式插座。
10. 请勿踩踏或挤压电源线，特别注意保护插头、移动插座以及设备接出点位置。
11. 仅用制造商指定的附件/配件。
12. 仅使用制造商指定的或者设备附带的推车、托台、三角架、支架或桌台。使用推车时，请小心移动装有设备的推车，避免翻倒而造成人身伤害。
13. 在雷雨期间或长期不用时，请拔下本设备电源插头。
14. 所有维修事项均应交给合格的维修人员处理。设备发生下列任何一种损坏情况时，均需进行维修：电源线或插头损坏、液体溅入或有异物落入设备、设备被雨打湿或受潮、运转不正常或设备掉落等。
15. 不要将裸露的火源如点燃的蜡烛放在设备上。
16. 为了减少火灾或电击风险，应避免设备被雨水打湿或受潮。不要将设备暴露于滴水或溅水的环境下。不要将盛有液体的物体（如花瓶）放置在设备上。
17. 请勿阻塞任何通风孔。遵照制造商的说明进行安装。
18. 设备周围最少要保留60厘米（2英尺）的距离以确保充分通风。
19. 不应该用报纸、桌布、窗帘等物品覆盖通风口以免阻碍通风。
20. 要将本设备完全断电，则必须拔掉电源线插头。



## \* 悬挂



**警告！**  
任何设备的悬挂都存在潜在危险，只能由充分了解高空吊挂技术和法规的人员来执行。PRECISION DRIVE强烈建议在吊挂所有的扬声器时都应考虑当前所有的国家/地区以及地方的法律和法规。安装人员有责任确保所有扬声器都按照该要求进行安装。扬声器吊挂完成后，PRECISION DRIVE强烈建议至少每年检查系统一次，或根据法律法规的要求进行检查。如果发现存在薄弱或损坏的迹象，应立即采取补救措施。用户有责任确保墙壁、天花板或结构能够支撑所有吊挂其上的设备。用于悬挂与PRECISION DRIVE无关的扬声器的任何硬件由其他方负责。



**警告！**  
不要以本手册或PRECISION DRIVE安装指南中明确说明的方式之外的任何方式悬挂本产品。悬挂任何物体（扬声器）都可能存在危险，只应由充分了解在空中悬挂物体的技术、材料和法规的人员来执行。只能使用PRECISION DRIVE手册和安装指南中所述的附件和硬件悬挂PRECISION DRIVE扬声器。不要使用把手来悬挂扬声器。PRECISION DRIVE扬声器上的把手仅供相关人员临时运输之用。纤维绳、钢丝绳、电缆等物体或其他类型的材料不能用于从把手悬挂扬声器。用于吊挂与PRECISION DRIVE无关的扬声器的所有硬件由其他方负责。

## \* 预防措施



如果晴天在户外使用PRECISION DRIVE扬声器，请将扬声器放在背阴处或遮挡的区域。扬声器功率放大器带有保护电路，当达到极高的温度时，保护电路会暂时关闭扬声器。在炎热的天气中，当扬声器受到阳光直射时，可能会出现这种情况。



请勿在温度低于0°C (32°F) 或高于35°C (95°F) 的环境中使用PRECISION DRIVE扬声器。



请勿将PRECISION DRIVE扬声器暴露在下雨、有水或高湿度的环境中。



PRECISION DRIVE扬声器很容易产生足以让正常覆盖距离内的任何人听力永久受损的声压级。应小心避免长时间停留在声压级超过 90 dB 的环境下。

\*



## 注意

旧的电气和电子设备  
必须单独收集和运送不再可用的电气或电子设备以进行环保回收（符合欧洲废旧电气和电子设备处理标准）。

要处理旧的电气或电子设备，您应使用在相关国家/地区实施的回收和收集系统。



## 快速设置

有源音箱是一套通过电子和电声换能器匹配完美融合设计的系统，这种设计使得高质量音乐重播或者扩声变得快速而简单，并且大幅减少各种连线。

为了尽快顺利的使用该产品，请仔细阅读并跟随下列步骤：

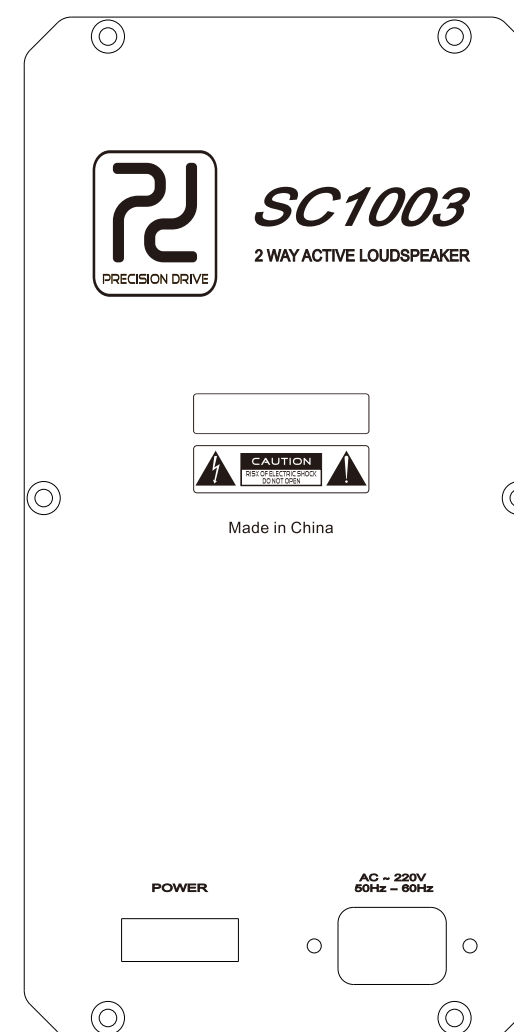
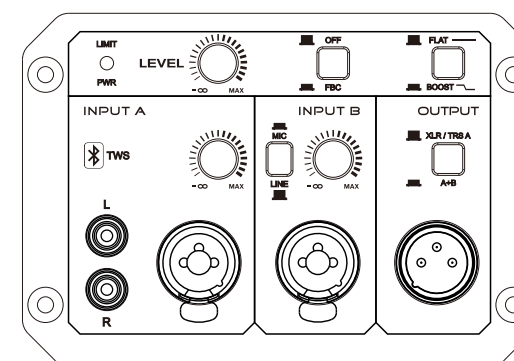
步骤	图示
1. 把INPUT LEVEL 和 LOUDSPEAKER LEVEL 拧到 $-\infty$ .	
2. 把带有可靠接地的电源线插入音箱背面的主电源插座 MAINS IN.	
3. 接入一个带卡农, 6.35耳机插头或者莲花头的音源至 INPUT A or INPUT B.	
4. 打开电源开关.	
5. 缓慢旋动 INPUT LEVEL和 LOUDSPEAKER LEVEL 到想要的音量.	

PRECISION DRIVE



## 功放控制

功率放大器的控制和多样化的输入接口，具体使用和描述请参考下一页。

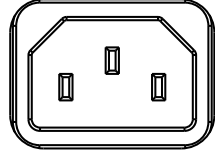
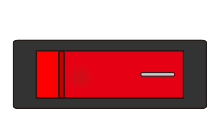
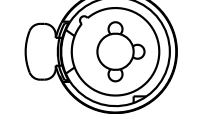
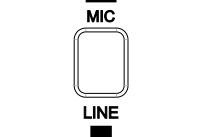

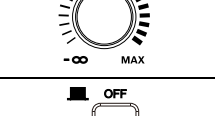
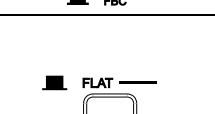
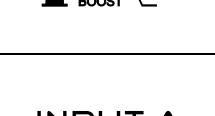



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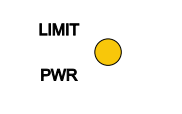






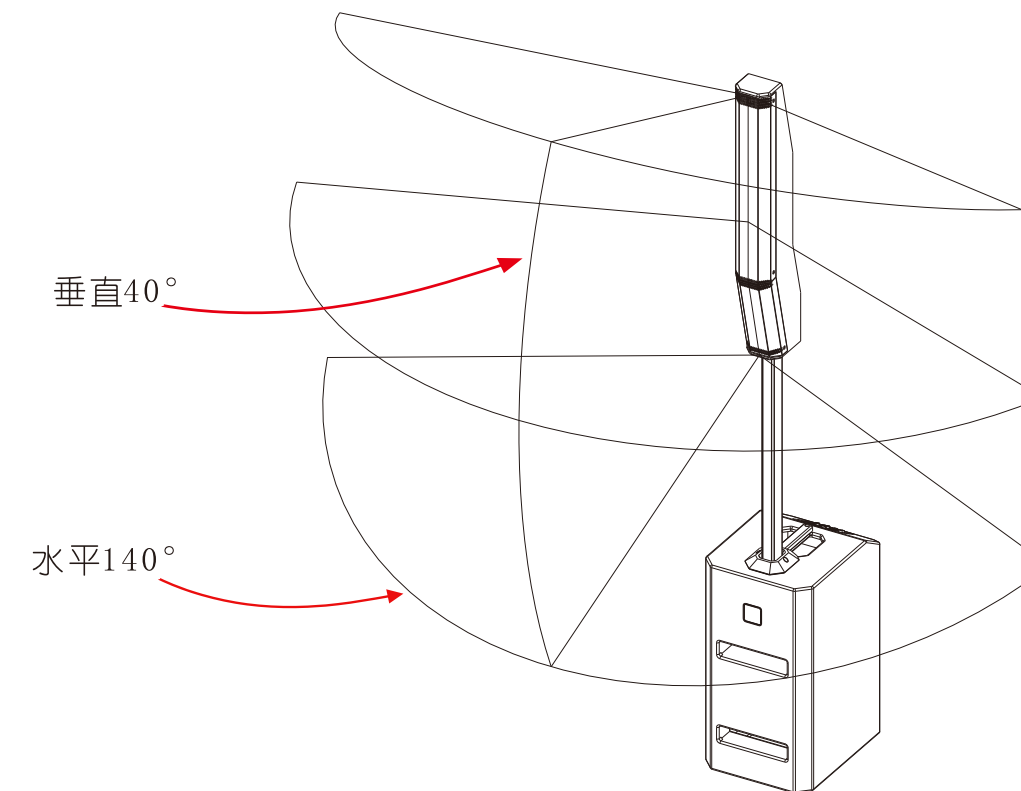
## 功放控制 (续)

	<p><b>电源插座</b></p> <p>交流电源的输入是通过一个IEC座实现的, 使用电压230 V, 正常工作的电压波动范围是180 V-260V, 随机附件内有一条1.5米的电源线, 如果需要更长的电源线需要确保使用三芯线并确保可靠接地, 以避免噪音和被电击导致人身伤害。</p>
	<p><b>电源开关</b></p> <p>电源开关打开后, 绿色的LED指示灯应该在几秒钟内点亮, 如果LED指示灯没有亮起来, 请检查电源是否可靠的插入。</p>
	<p><b>输入</b></p> <p>用于连接高级信号源(如混合控制台或信号处理器)的电子平衡输入。可以使用1/4" TRS或XLR型连接器建立连接。如果麦克风/线路开关被关闭, 输入B将接受麦克风输入。</p>
	<p><b>麦克风/线</b></p> <p>当压下时, 激活麦克风前置放大器用于动态麦克风。需要一支笔或回形针把开关压到麦克风模式。谨慎! 当麦克风/线路处于麦克风位置时, 不要将线路电平信号插入输入B。</p>
	<p><b>RCA输入</b></p> <p>立体声RCA输入, 用于连接源, 如CD播放机或MP3播放机。这两个RCA输入都是求和的, 可以用输入级别控制。此输入可以与XLR/TRS输入A同时使用。</p>
	<p><b>输入电平</b></p> <p>输入信号的电平控制, 可以分别控制A和B的电平幅度, 并输出合适的音量通过移频的麦克风啸叫抑制。</p>
	<p><b>噪声门。</b></p>
	<p><b>全频EQ</b></p> <p>全量程EQ开关控制全量程的低频扩展或低音升压。EQ FLAT (→) 在正常情况下使用全量程时效果最好。EQ 低音增强 (↘) 提供额外的低频扩展, 最适合需要增强低音性能的应用程序。</p>
	<ol style="list-style-type: none"> <li>1. 打开右边声道的扬声器电源开关, 你会听到蓝牙匹配提示音 (当输入A和扬声器总音量旋钮打开时);</li> <li>2. 在手机蓝牙配对清单里, 找到并选择 SC1003 开始匹配;</li> <li>3. 输入匹配密码: "0000";</li> <li>4. 完成匹配后, 打开左边声道的扬声器电源开关, 这只扬声器会自动和右声道的扬声器完成配对匹配, 播放左边声道信号, 从而自动实现立体声播放。</li> </ol>



	<p><b>扬声器输出电平</b></p> <p>这个旋钮用来控制扬声器的总输出声压, 他同时对INPUT A和INPUT B产生影响, LOUDSPEAKER LEVEL不会影响THRU OUTPUT的输出幅度。</p>
	<p><b>PWR:</b> 绿色LED亮起来当电源开关正常打开后。</p> <p><b>LIMIT:</b> 黄色LED会闪亮当扬声器工作在极限状态下是, 短时间的闪烁不会影响音乐的重放品质, 因为限幅器会把音乐信号控制在合理的范围内。持续黄色灯光意味着信号幅度已经远远超过了音箱的工作范围, 虽然不会在短时间对音箱造成损害, 但是音乐信号已经被严重的压缩动态。这时应该相应的减小输入信号幅度或者音箱的输出幅度避免这种情况的发生。</p>
	<p><b>输入选择</b></p> <p>卡农/6.35mm组合插座可以允许信号从输入A平行输出到THRU OUTPUT。INPUT A LEVEL并不影响THRU OUTPUT的输出幅度, 莲花头RCA的输入信号不会被送至THRU OUTPUT, A+B是INPUT A和INPUT B的混合信号, A+B 可以把混合信号通过THRU OUTPUT接口给到另外一个音箱。</p>
	<p><b>平行输出</b></p> <p>使用卡农平衡输出信号到另外一个音箱或者超低音, 输出的信号可以由INPUT SELECT按钮控制。</p>

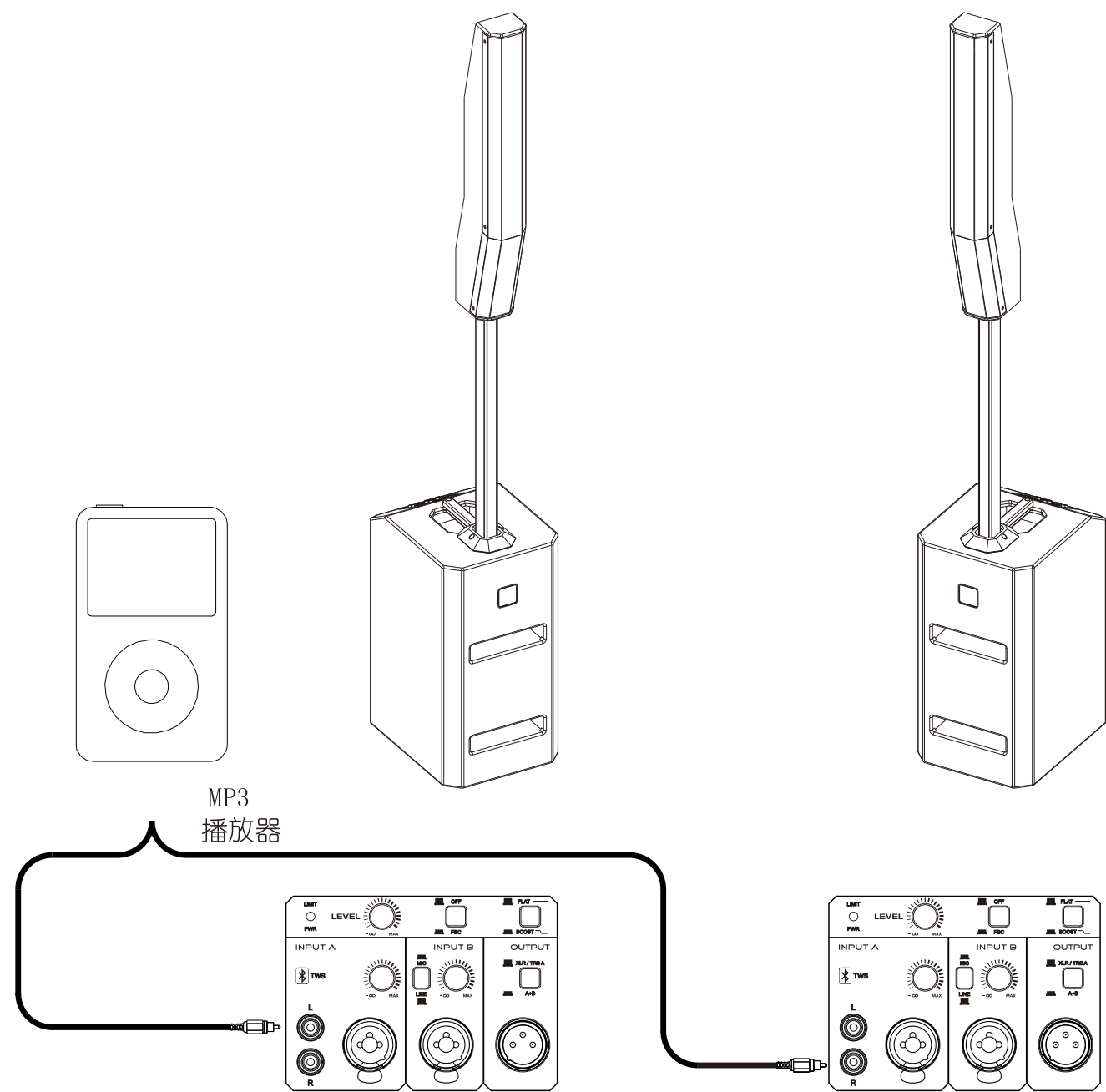
通过PD专利的波导管实现了超宽的140°水平和垂直40°的覆盖角度, 使得无论是坐着的听众还是站立的听众都可以听到平直的反应。





### 推荐配置

立体声

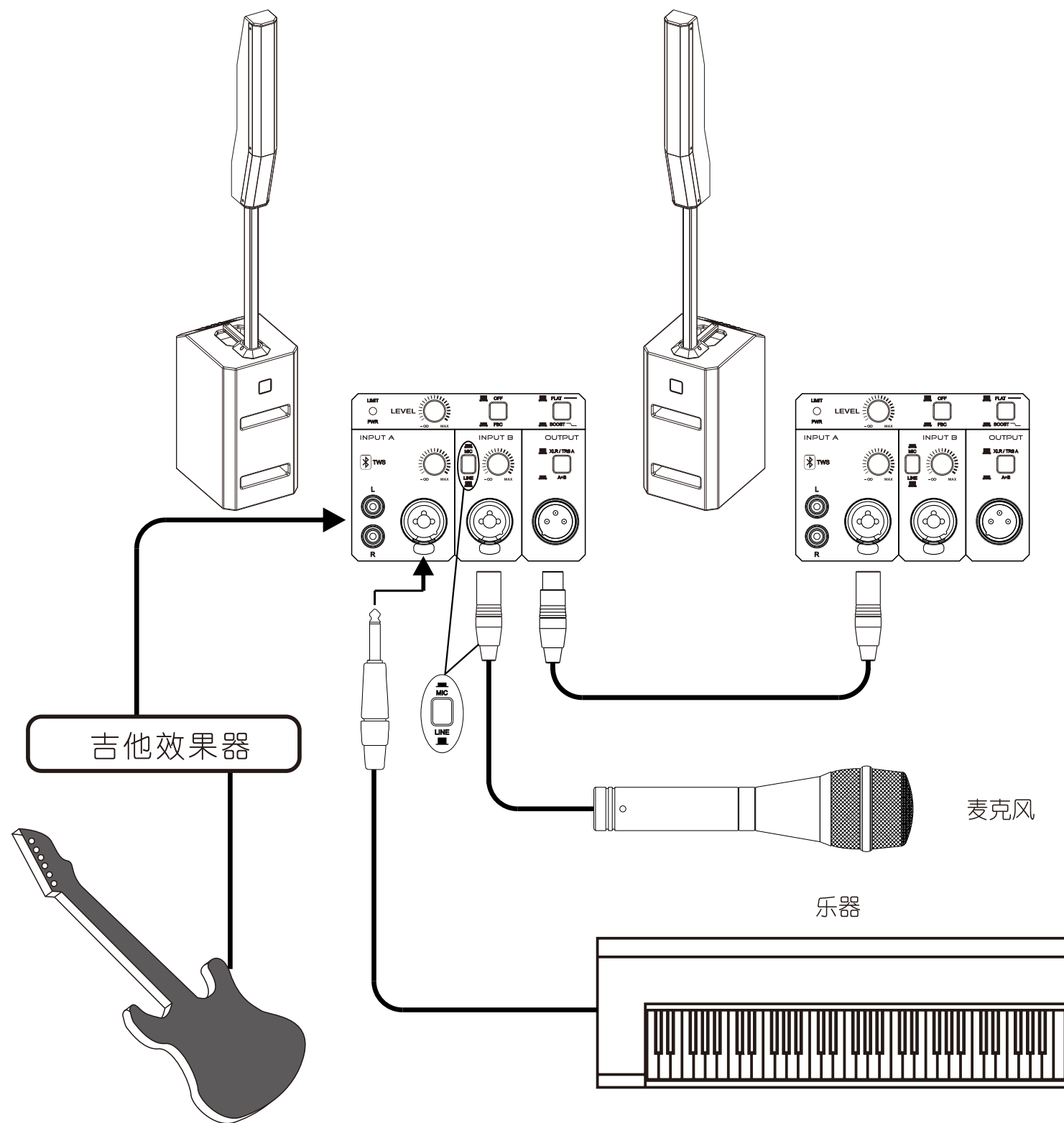


PRECISION DRIVE



### 推荐配置 (续)

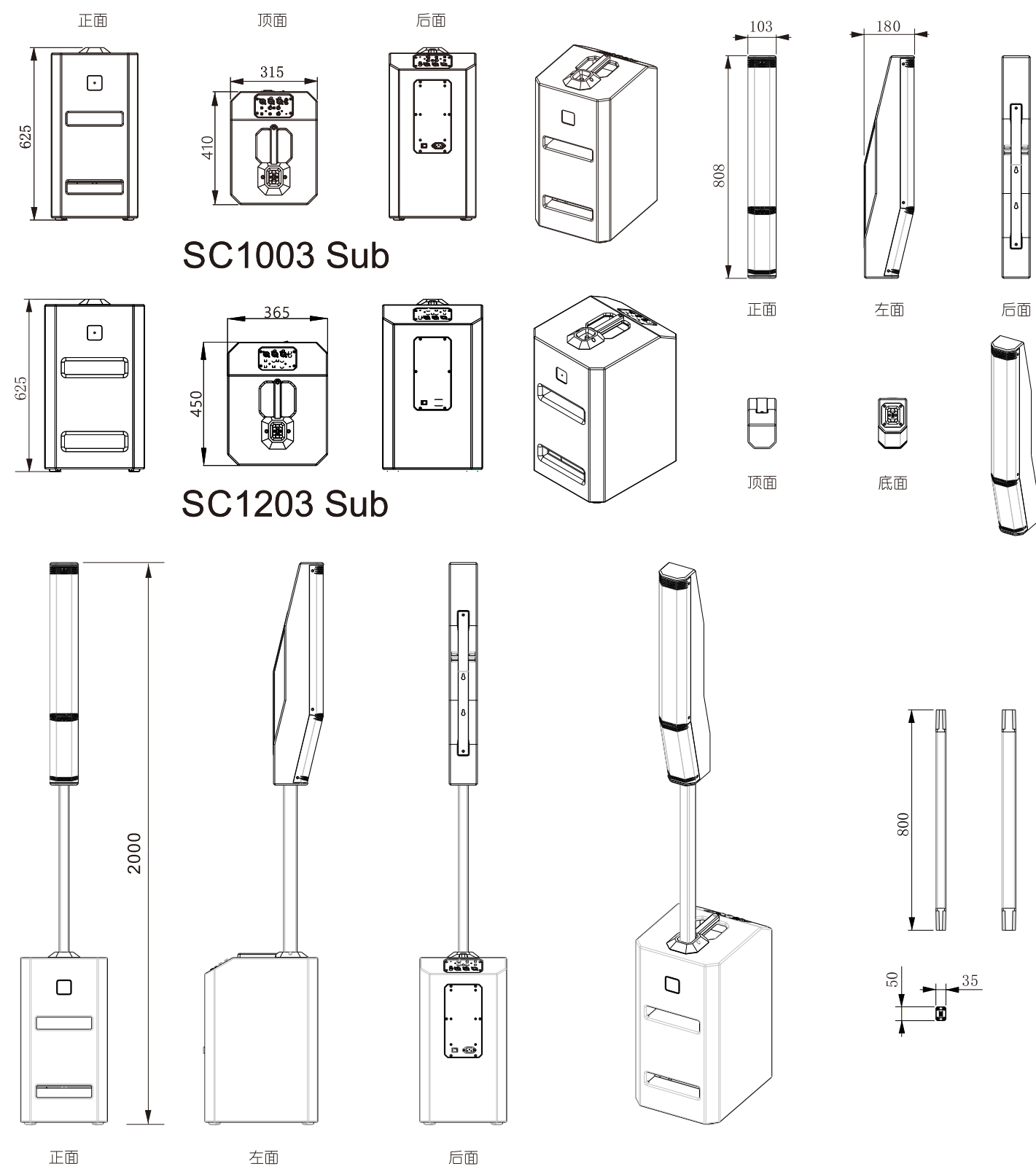
小型乐队演奏



PRECISION DRIVE



## 产品尺寸



PRECISION DRIVE



## 技术参数

型号 :	SC1003	SC1203
频率响应 (-3 dB) :	45Hz-20KHz	40Hz-20KHz
频率范围 (-10 dB) :	40Hz-20KHz	36Hz-20KHz
低频设计:	10寸带通双倒相式设计	12寸带通双倒相式设计
中高频设计:	8x3.5寸带相位塞式线声源设计	
低频喇叭:	10寸超低音	12寸超低音
中高频喇叭:	3.5寸全频喇叭	
最大声压级:	126dB	128dB
覆盖范围 (水平x垂直) :	140° x 40°	
功率放大器额定功率:	1000W	1200W
低频通道功率:	500W	600W
高频通道功率:	500W	600W
分频频率:	4th / 200 Hz, DSP 电子分频	
连接器:	2个XLR/TRS多功能插孔输入 1个立体声RCA 输入 1个无线蓝牙音频输入 1个XLR THRU 输出	
箱体:	低音扬声器: 15毫米厚桦木夹板 音柱: 9毫米厚桦木夹板 支撑杆: 铝制	
网罩:	黑色, 哑光喷漆	
颜色:	黑色, 哑光喷漆	
尺寸 (宽 x高 x深) :	低音:W315 H625 D410mm	低音:W365 H625 D450mm
	音柱: W103 H808 D180mm 支撑杆: W35 H800 D50mm 系统总高: H2000mm	
净重:	低音:15.5kg	低音:19.5kg
	音柱: 4.8 kg 连接杆: 0.9 kg 低音扬声器保护套: 0.4 kg 适用于音柱和连接杆的便携包: 0.85 kg	
装运重量:	24.5kg	28.5kg
包装尺寸 (宽 x高 x深) :	W520 H890 D500mm	W580 H890 D530mm
功耗:	100 - 240 V AC, 50 - 60 Hz, 1.5 - 0.6 A	

PRECISION DRIVE