

Professional Power Amplifier
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CA4+CA6+CA9+CA12+CA18+CA20
USER'S MANUAL

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前言

感谢您购买了SAE专业音响设备，在使用之前请仔细阅读本使用说明书，它将给你正确的指引，并有助于设备的正常工作及延长其使用寿命。所有SAE产品享有二年质量保证免费保修期。

SAE致力于发展高科技、高性价比的专业音响产品。到目前为止，我们拥有70个不同型号的产品，涵盖高、中、低三个档次，可以为不同的场合提供适用的高科技产品。除了大众化的产品之外，我们更拥有目前世界最先进的电脑遥控功放和遥控系统。在研究开发过程中，我们为每一件产品注入了高科技的精髓，创造出高品质的产品。我们还运用“ISO质量管理体系”规范管理，确保产品质量符合要求，同时拥有完善的售后服务。

SAE最终的目标：以卓越的产品质量，优异的工作质量和服务质量，满足顾客要求，并超越客户的期望。



重要指引



1. 使用设备前请阅读所有的文件，并保留所有的文件以作进一步参考。
2. 必须使用与背板标称电压相符的电源，若由于使用电压的不恰当而导致的设备损坏将不获保修。
3. 确保设备的地线和电源的地线相通，电源的地线必须与大地地线相通。
4. 接上电源时，产品处于待机状态，机内部分元件已通电。
5. 禁止功放桥接状态下输出端和示波器的探头相连，否则对功放及测试设备都会造成损害。
6. 功放的输入电平不要超过标称的灵敏度值。
7. 不要将功放的某一个声道的输出接到另一个通道的输入。不要将功放的输出并联或串联到另一台功放的输出使用。
8. 配置功放的时候，功放的功率必须比音箱的标称功率大50%-100%。
9. 必须确认功放当前的使用状态和输入模式的设置一致。
10. 在拔掉电源线、信号线或拨动输入模式选择开关、限幅器断开前必须先把功放电源关掉。
11. 功放在正常使用的情况下，如没有特别要求，请将音量电位器设备到0dB的位置。
12. 在一个信号要分给多台功放使用的情况下，建议使用信号分配器。
13. 当需要为多台功放同时供电时，为了消除功放在开机瞬间巨大的浪涌电流对电网的干扰而造成的电压异常波动从而导致功放和其他同供电线路的故障，请必须使用时序电源供电。
14. 不要将功放的进风口，出风口堵塞。

安全注意事项

在开始使用功放前请仔细阅读此安全指引
安装设备时：

- 必须在平坦的地方安装，不能倒放功放。
- 不能在有水或潮湿的地方安装。
- 将功放远离热源，如辐射体或其他热源。

在连接功放时请记住：

- 在连接功放前请仔细阅读本说明书。
- 仔细连接功放的每个接口，可能会由于线路断开而导致噪声、出现故障或电击等现象。
- 为避免电击，请不要打开顶盖。
- 确认正确的交流电压后，将电源线连接至电源插座上。

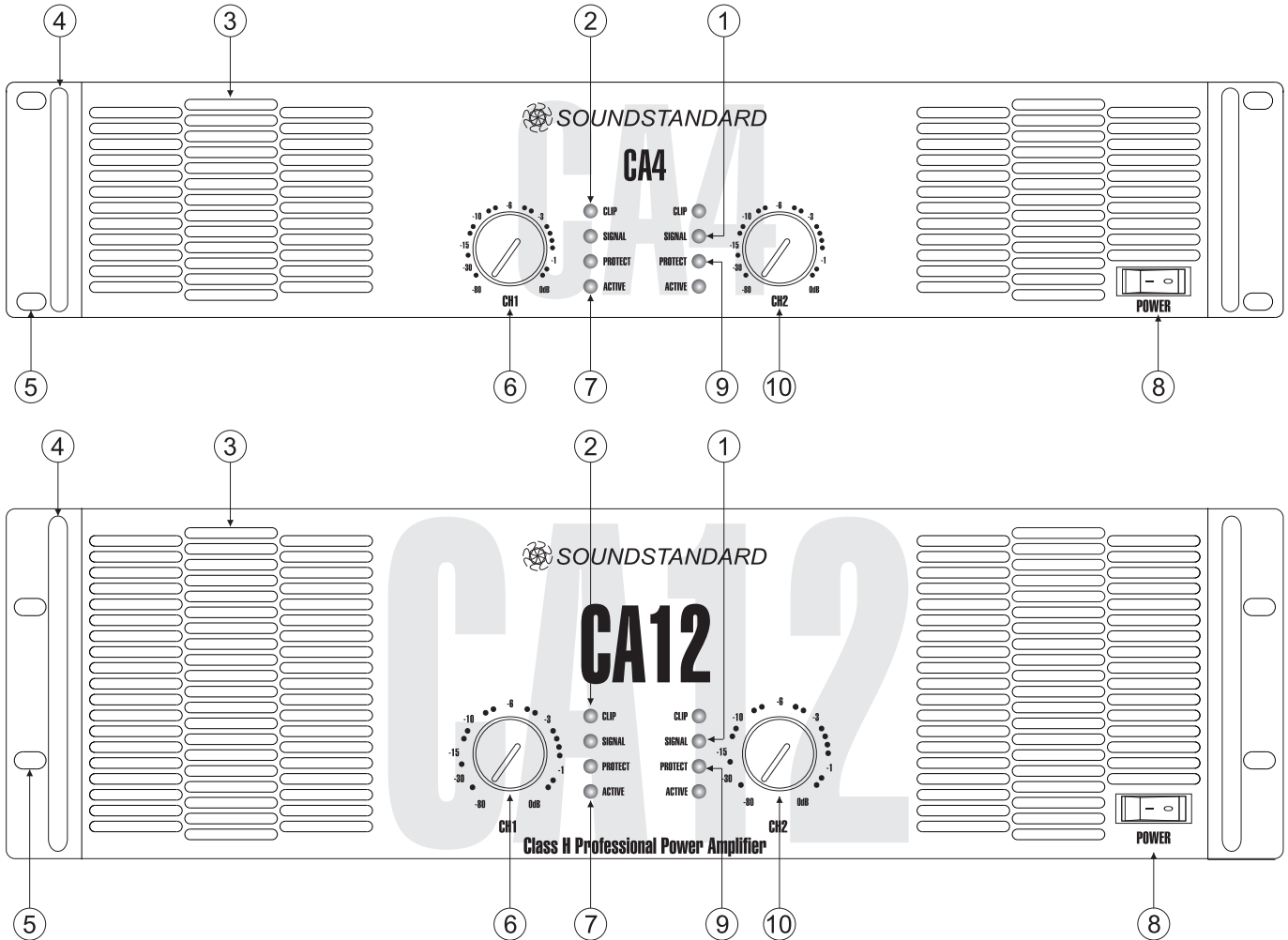
出厂设定

1. 所有音量调节的旋钮设置在"-80dB"的位置；
2. 电源开关设置在"OFF"的位置；
3. 工作模式选择开关设置在"STEREO"的位置；
4. 灵敏度选择开关设置在"0.775V"的位置；
5. 分频器选择开关设置在"OFF"位置。

⚡ 触电

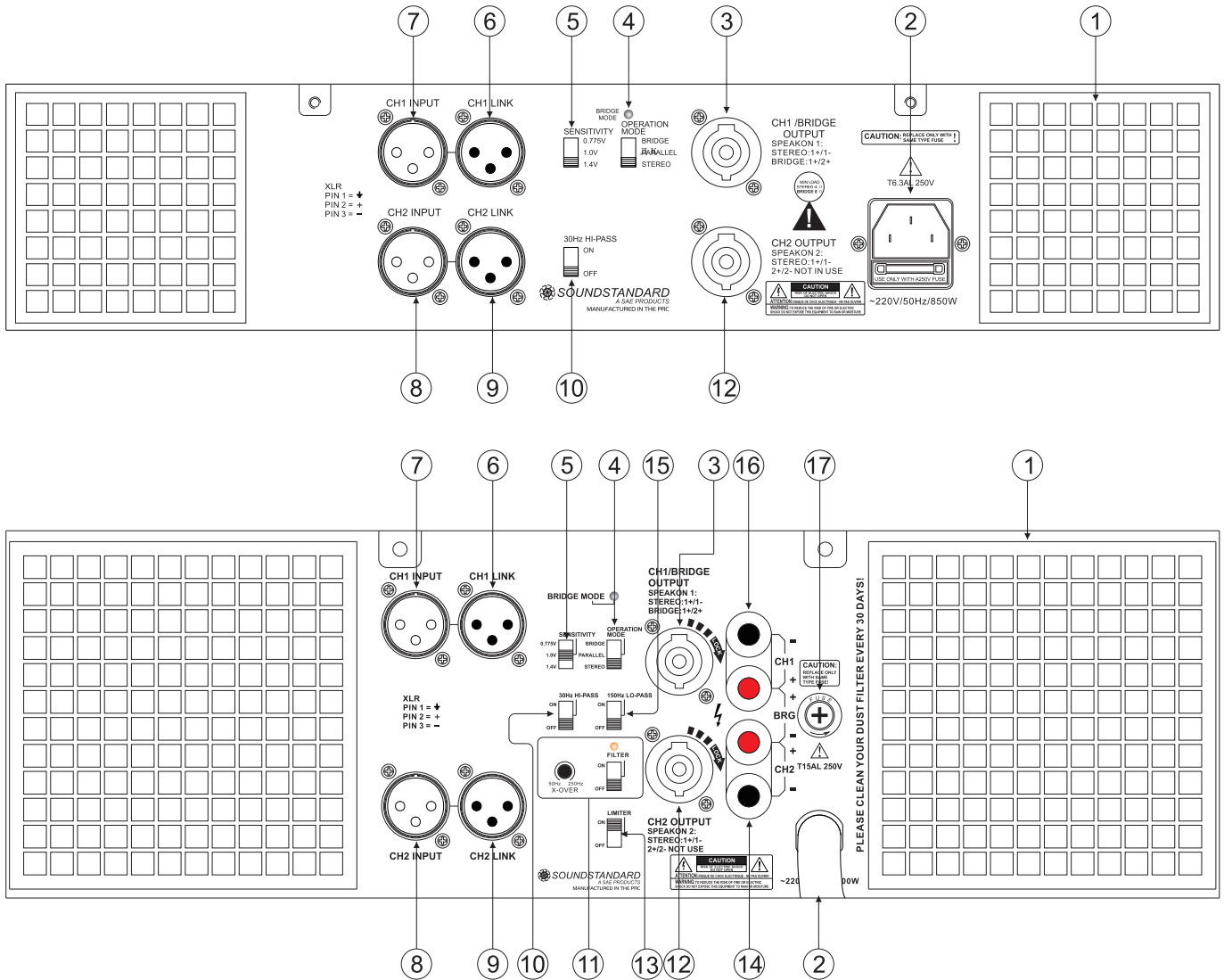
警告：机内具有危险电压的非绝缘部分，足以致人于触电之危，因而不要打开机盖，维修时必须请专业人员检修，或送返厂家。为防止起火或触电事故，请不要让机器靠近热源，或暴露在雨中或潮湿环境里。

CA系列面板功能描述



1. “信号”指示
此指示灯点亮时表示功放的输出端已经有信号。
2. “削峰”指示：
此灯亮时，表示功放输出信号的幅度已到达峰顶，出现失真。若发生这种情况，请检查调音台或其他前级设备的输出信号及控制输出增益。
3. 出风口：
出风口，请勿堵塞。
4. 拉手：
为了更加容易运输而设置。
5. 安装孔：
用于安装到机柜时固定用。
6. 1通道音量控制：
在立体声 / 并接状态中，通过此电位器可调节 1 通道的输出电平(左通道)。在桥接状态中，也是通过此电位器调节输出电平。
7. “电源开ON”指示灯
此指示灯点亮时表示功放的主电源系统已经工作，否则相反。
8. 电源开关：
用此开关可以开机和关机，按上部分(I)-开机、按下部分(O)-关机。
9. 保护指示灯 (PROT)
此指示灯点亮时表示功放已经处于保护状态，其包含有：输出短路保护、过热保护、直流保护、VHF保护、连续的非音乐的高频信号（自激或长时间的啸叫）。
10. 2 通道音量控制：
在立体声 / 并接状态中，通过此电位器可调节 2 通道的输出电平(右通道)。在桥接状态中，此电位器不可用。

CA系列后板功能描述



CA系列后板功能描述

1. 进风口：进风口，请勿堵塞。
2. 交流电源线：将此电源线接到电源插座(使用功放前，请检查电源电压是否符合功放的标称电压)；
3. 1通道音箱螺旋座输出：将此输出口连接到音箱。使用端子为+1、-1(除了4、6&9桥接时应为+1、+2)；
4. 输入模式选择：此开关用于选择功放输入模式。立体声模式：2输入(1通道和2通道)及2个输出。并联模式：1输入(1通道)及2个输出。桥接模式：1输入(1通道)及1个输出；
5. 输入灵敏度开关：此开关允许选择的输入灵敏度为：0.775V、1.0V或者1.4V；
6. 1通道连接插座：用此平衡插座连接到另一台功放；
7. 1通道XLR输入：此XLR输入为平衡输入。将此输入连接到调音台的左输出；
8. 2通道XLR输入：此XLR输入为平衡输入。将此输入连接到调音台的右输出。
9. 2通道连接插座：用此平衡插座连接到另一台功放。
10. 高通滤波器选择：此开关用来滤掉30Hz以下的低频。
11. 分频器开关:单通道两分频功能，以及可调节分频点电位器，实现了一台功放可以分别推全频及超低音音箱，而无需外接分频器的功能。
当打开背面板上的分频器开关时，背板上的“X-OVER”将被点亮，同时MODE、30Hz HI PASS和150Hz LOW PASS失效。
12. 2通道音箱螺旋座输出：将此输出口接到另一个音箱上，使用端子为+1、-1。
13. 限幅器开关：防止由于信号过大而损坏功放及音箱。
14. 通道2喇叭接线柱输出：红色端子接喇叭的正端，黑色端子接喇叭的负端，桥接时只使用红色接线端子。
15. 低通滤波器选择：若需要将功放连接到重低音音箱时将此开关拨到“ON”的位置。
16. 通道1喇叭接线柱输出：红色端子接喇叭的正端，黑色端子接喇叭的负端，桥接时只使用红色接线端子。
17. 保险管座：用来防止功放产品在极端使用或在内部短路时，将保护功放不再发生更严重的事故。

适用范围

1. 本说明书适用于蜚声演出器材制造有限公司生产制造并投放市场的CA系列的产品型号；
2. 适用于大型流动演出、乐队表演、DISCO、夜总会等需要专业扩声的场合。

维护保养和故障排除方法

下面是一些简单的办法来检查功放是否损坏：

1. 没有输出

如果信号指示灯是按输入信号的大小点亮的，那么功放则没有问题，请检查SPEAKON输出是否接触良好；

2. 很小的信号输出

如果信号指示灯是点亮的，而且削峰、压限指示灯也点亮，则请检查功放的输出端是否有短路的现象；如果信号指示灯是点亮的，而且保护指示灯也点亮，则功放的状态是处于保护，此时保护有两个可能：一是过热保护，二是VHF保护，通过把信号取消，就可以检测是否VHF保护，当然如果功放的外壳的温度很高，那很大可能是过热保护；如果市电输入电压过低，功放将不能正常工作。

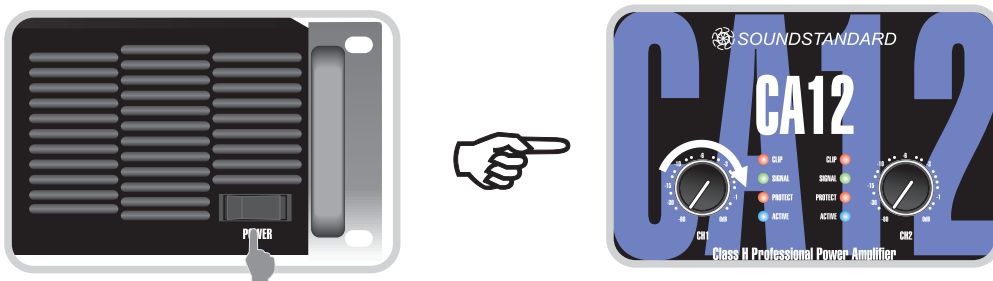
3. 通过以上的检查，功放的现象还是存在此时则需要把功放送到指定的服务点，由专业人员检修；

注意：如果功放还在保修期内的话，请保持机箱的完整无损，也不可以拆开功放的任何机械配件，否则蜚声将可以不履行保修服务！

基本操作

开机

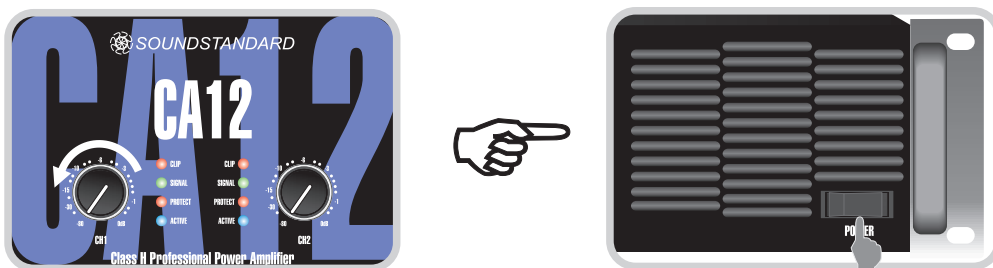
1. 接入信号源再将电源插接入电源，此时机器内部已经通入电源，进入待机状态。
2. 开机：将电源开关按至"1"，机器开启，电源指示灯（ON）点亮。
3. 当功放通电后保护灯点亮，机器自检约10秒。检测正常后保护灯熄灭，调节面板CH1/CH2的音量旋钮来控制想要达到的音量设置。



关机

当使用完毕时，将CH1/CH2的音量控制旋钮调节到最小音量处（-80dB），此时可以安全关闭机器。

关机：将电源开关按至"0"，机器关闭，电源指示灯（ON）熄。

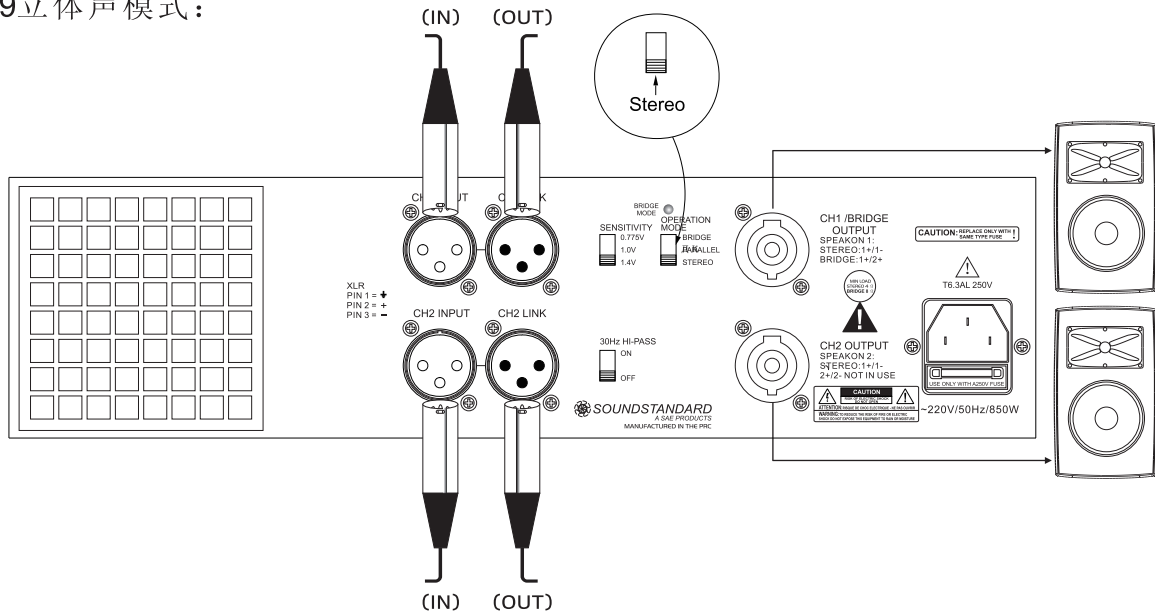


注意：

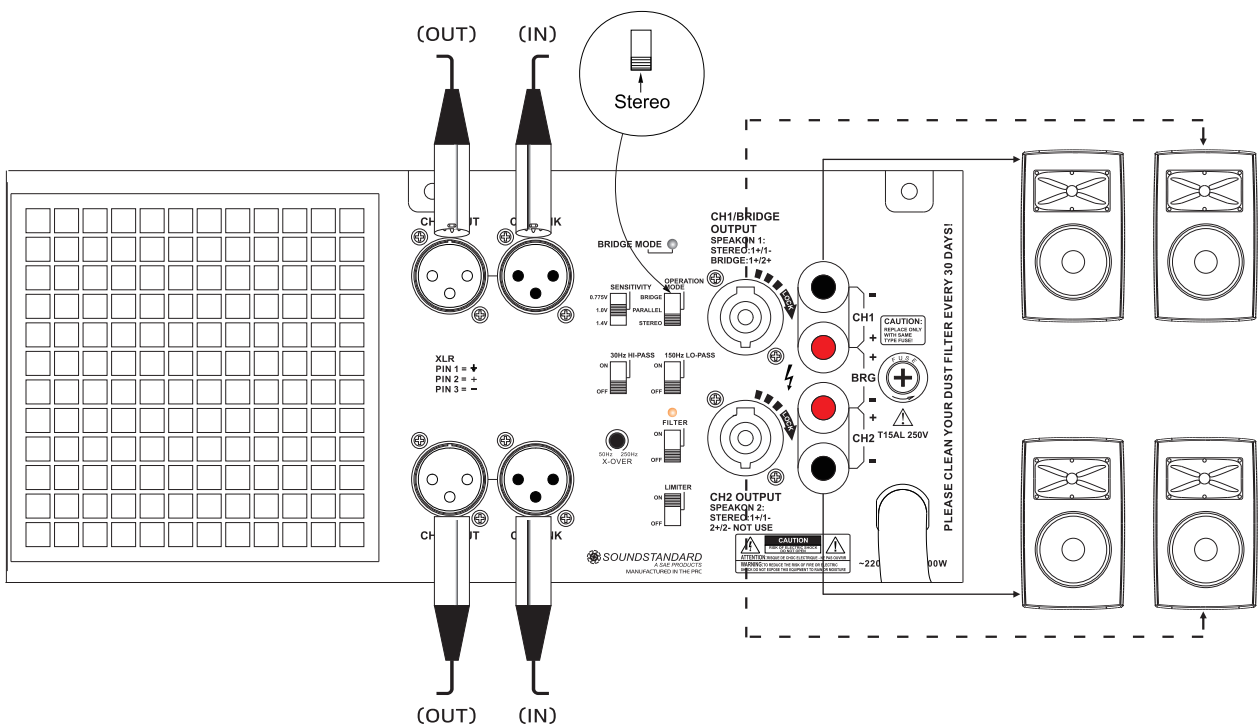
1. 功放开机后不能插拔输入信号源，否则将会产生冲击而损坏功放与音箱。
2. 当机器插入电源后，表示内部已经通电，如超过三小时以上不用，应将电源线拔掉以断电。

CA系列的连接模式设置:

CA4-6-9立体声模式:



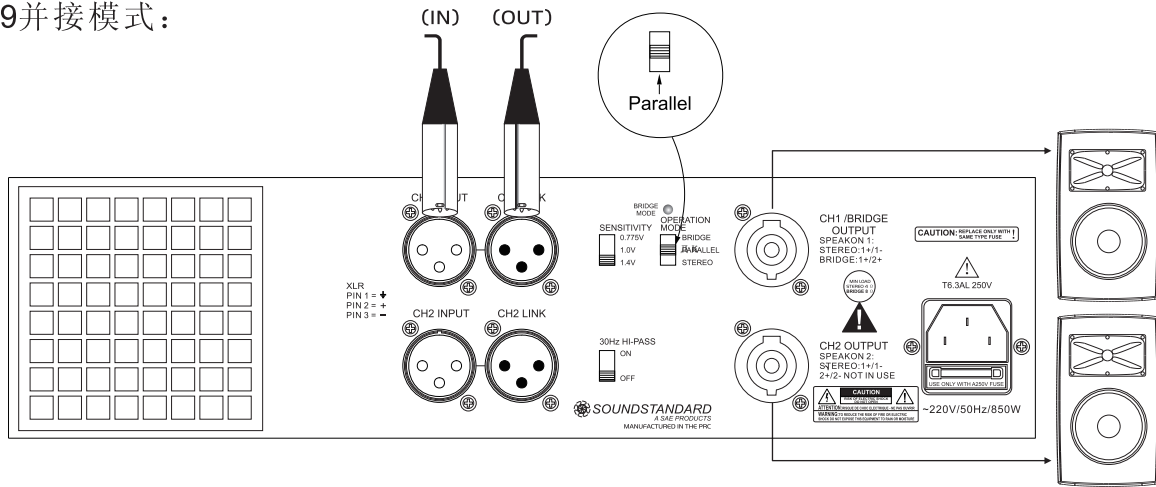
CA12-18-20立体声模式:



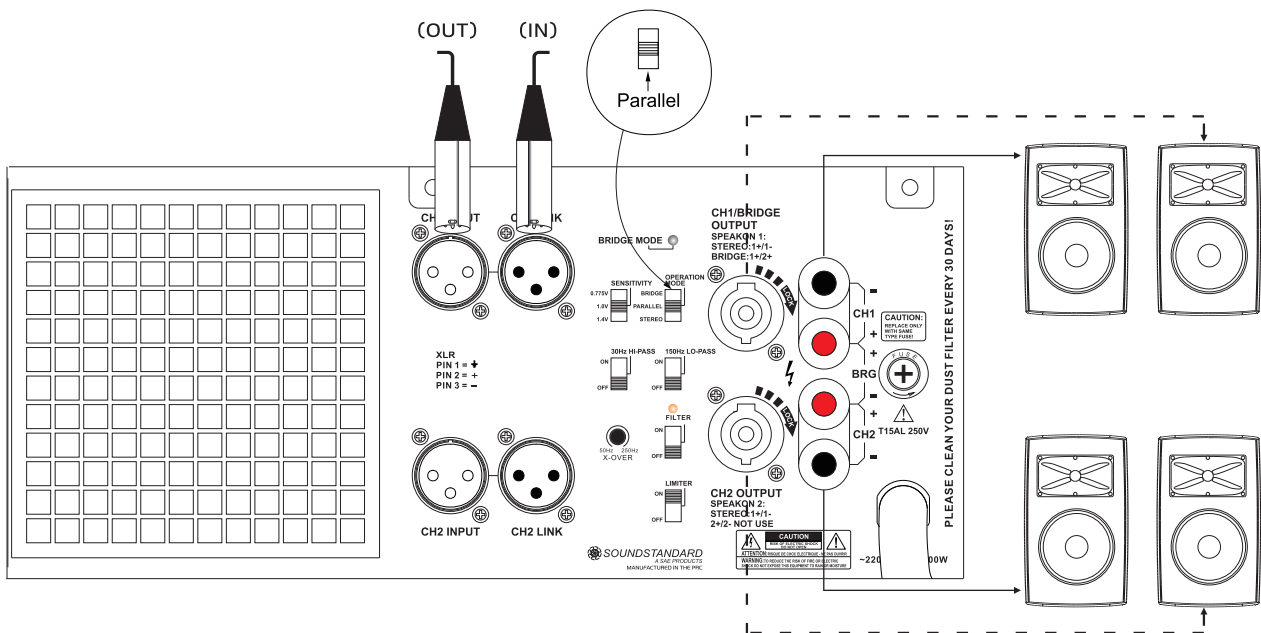
在这个模式里，连接两个通道输入接口到音源（如调音台、CD等）的输出端，设置功放的工作模式为“STEREO”的位置，把两个通道的音量控制调到合适的位置，连接两个SPEAKON插座到两个喇叭。

CA系列的连接模式设置:

CA4-6-9并接模式:



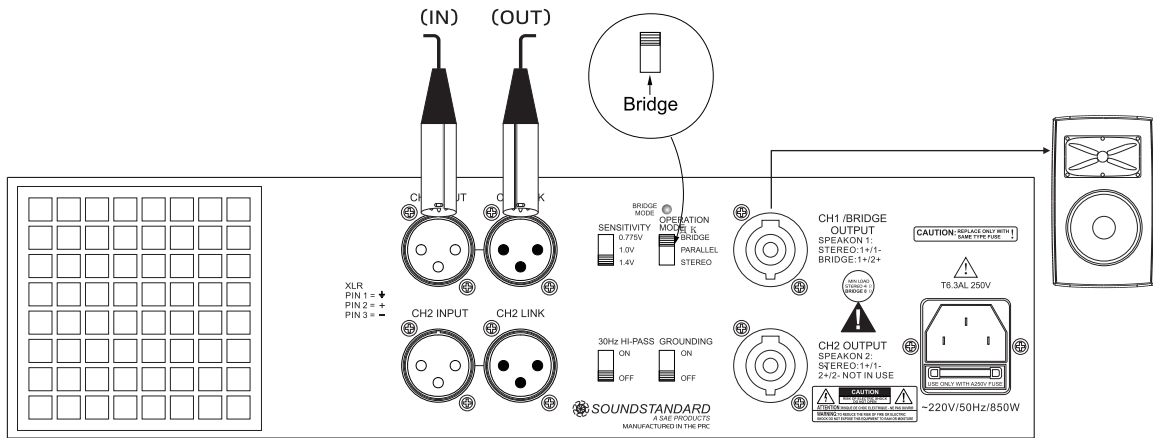
CA12-18-20并接模式:



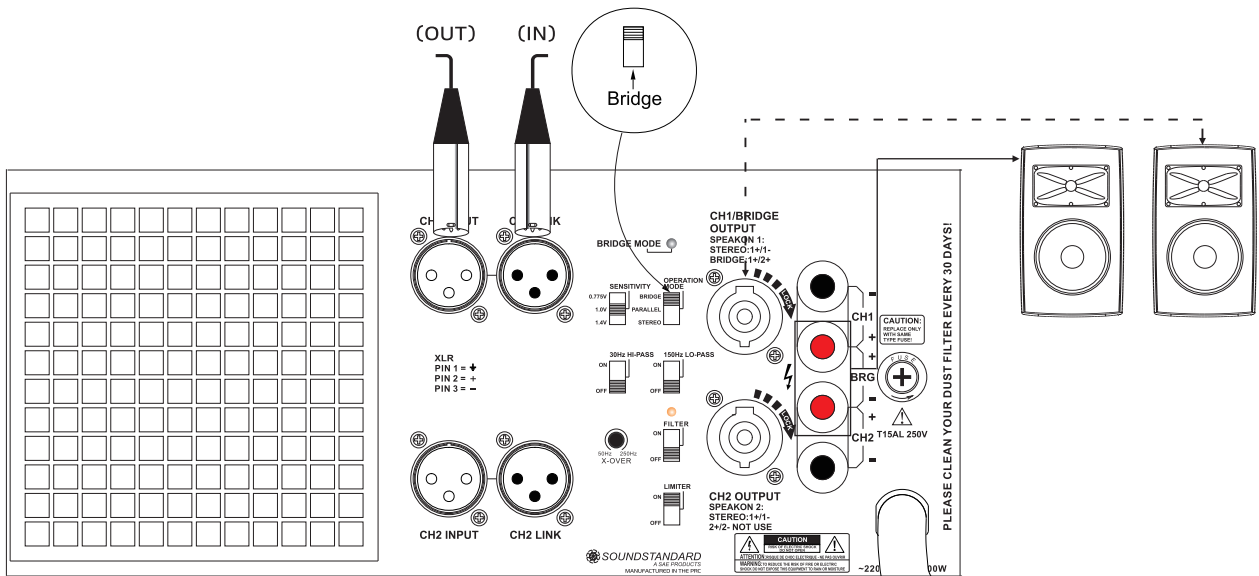
在这个模式里，连接通道1输入接口到音源（如调音台、CD等）的输出端，设置功放的工作模式为“PARALLEL”的位置，把两个通道的音量控制调到合适的位置，连接两SPEAKON插座到两个喇叭。

CA系列的连接模式设置:

CA4-6-9桥接模式:

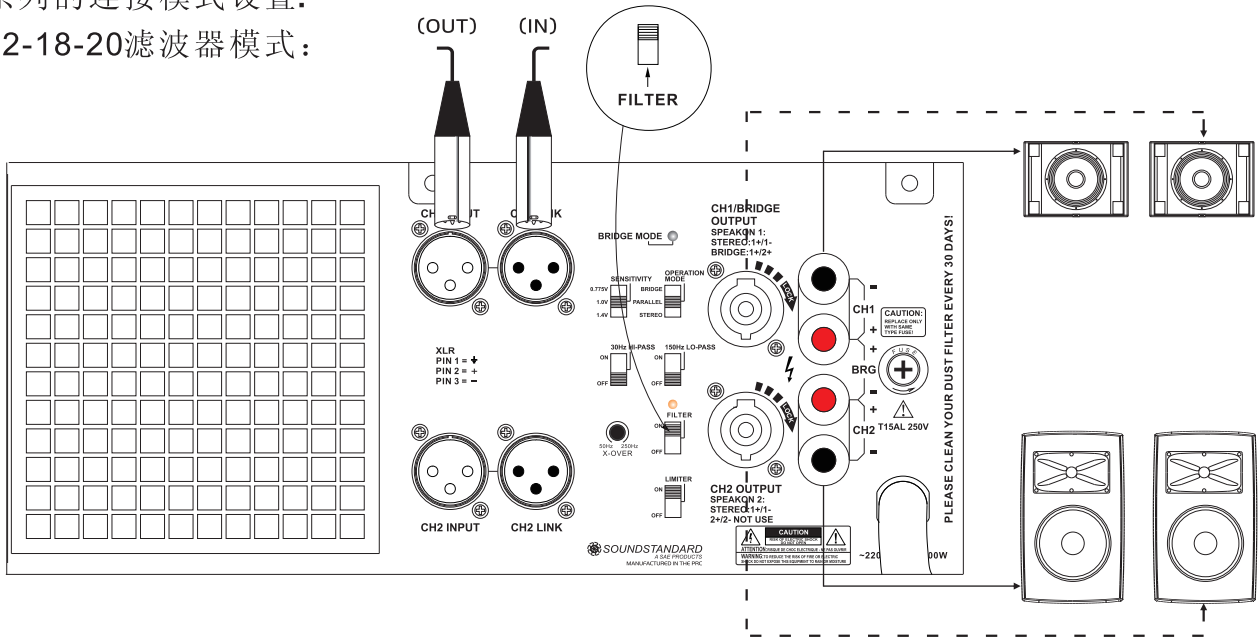


CA12-18-20桥接模式:



在这个模式里，连接通道1输入接口到音源（如调音台、CD等）的输出端，设置功放的工作模式为“BRIDGE”的位置，把通道1的音量控制调到合适的位置，连接“BRIDGE OUTPUT”的SPEAKON到喇叭。

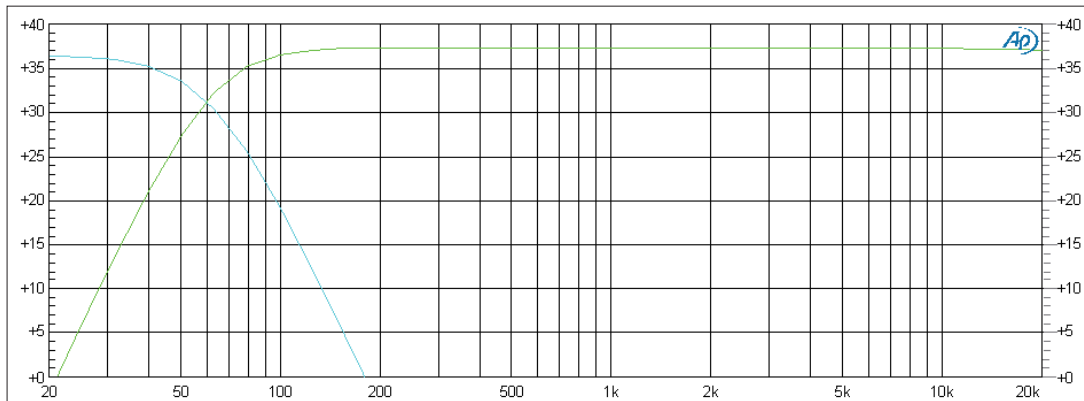
CA系列的连接模式设置：
CA12-18-20滤波器模式：



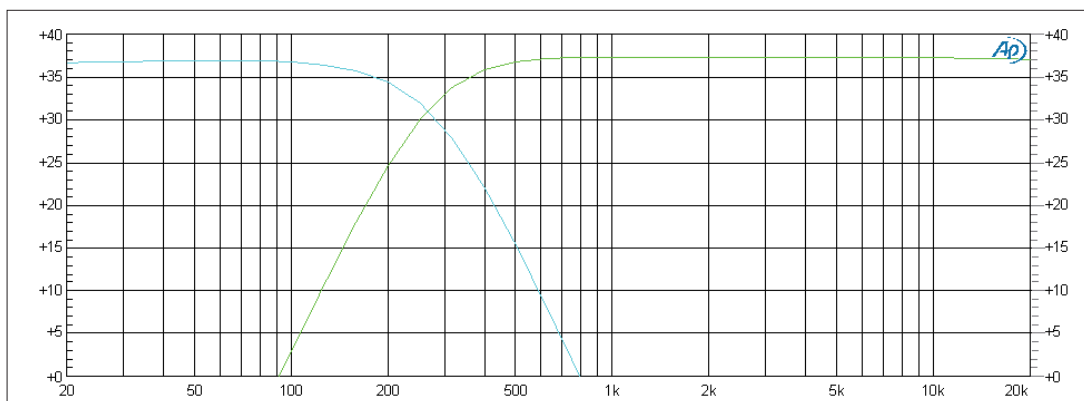
在这个模式里，连接通道1输入接口到音源（如调音台、CD等）的输出端，设置功放的“FILTER”到“ON”的位置，把两个通道的音量控制调到合适的位置，分别接两SPEAKON插座到低音和全频喇叭。

注意：
内置的滤波器可以将CH1的输入信号分成两段频带。当功能启动后，CH1接收并放大20Hz到50~250Hz之间的信号。而CH2接收并放大50~250到20KHz之间的信号。分频点可以在50~250Hz之间调整。
当打开背面板上的滤波器开关时，背板上的“X-OVER”将被点亮，同时MODE、30Hz HI PASS和150Hz LOW PASS失效。

分频点在50Hz



分频点在250Hz



技术参数：

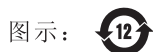
型号	CA4	CA6	CA9	CA12	CA18	CA20
8Ω 立体声功率*	250W	450W	550W	850W	1150W	1350W
4Ω 立体声功率**	450W	750W	950W	1275W	1725W	2025W
2Ω 立体声功率**	650W	1100W	130W	1700W	2300W	2700W
8Ω 桥接功率*	900W	1550W	1900W	2550W	3450W	4050W
4Ω 桥接功率**	1350W	2200W	2800W	3400W	4600W	5400W
频率响应	20Hz-20KHz, +/-0.5dB					
总谐波失真(1KHz)	<0.1%	<0.1%	<0.1%	<0.1%	<0.1%	<0.1%
转换速率	>10V/μs	>10V/μs	>10V/μs	>20V/μs	>20V/μs	>20V/μs
阻尼系数	>200	>300	>100	>100	>300	>300
信噪比	>80dB	>80dB	>80dB	>80dB	>80dB	>80dB
输入灵敏度	0.775V, 1V, 1.4V					
输出级电路类型	Class AB			3 Steps Class H		
宽度	483	483	483	483	483	483
深度	432	432	432	432	432	432
高度	2U	2U	2U	3U	3U	3U
毛重(±2.5Kg)	27KG	27KG	29KG	38KG	41KG	41KG
尺寸	L620xW595xH170			L620xW595xH210		
注意：*，按EIA标准测试所得； **按THD=1%，用1KHz，40ms脉冲信号测试所得； ※以上测试结果是在标准电源波形及稳压条件下测试得出。						

产品物质拆分表

为满足中国《电子信息产品污染控制管理办法》（信息产业部第39号令）的相关规定和要求，现对产品中有害物质，按部件分类，声明如下：

部件名称	有毒有害物质或元素					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBED)
机箱	×	○	○	○	○	○
主板模块	×	○	○	○	×	×
电源模块	×	○	○	○	×	×
I/O板模块	×	○	○	○	×	×
控制模块	×	○	○	○	×	×
灯板	×	○	○	○	×	×
备注： ○：表示该有害物质在该部件所有均质材料中的含量均在SJ/T11363-2006规定的限量要求下 ×：表示该有害物质至少在该部件的某一均质材料中的含量超出SJ/T11363-2006规定的限量要求。						

在中华人民共和国境内销售的电子信息产品上将贴上有“环保使用期限”（EPuP）符号。圆圈中的数字代表产品的正常环保使用年限。



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PREFACE

Thank you for your purchase of SAE Professional Audio Equipment. Please read the user's manual carefully before you use the product, it will give you correct guidance, and it is useful for the equipment's normal working and extending its life. All our products are promised for two year free of charge quality warranty. The staff of SAE have always been trying to develop their professional audio equipment with high-tech, high performance and with competitive price. Up to now, we own 70 different models, covering high, secondly, and low three levels and are able to provide high quality equipments for different kinds of occasions. In addition to universal used product, we even own the most advanced remote control amplifiers and power link system. In the process of research and development, we have been trying to inpour high-tech soul to every product, and to create high quality equipments. Further, we have been adopting "ISO Quality Guarantee System" to supervise every product whether it has conformed with strict and professional requirements, whether it has received perfect after-sales services.

We do that only for one purpose: meet customers' requirement with excellent product quality, best working quality and service quality, moreover exceed customers' expectation.



IMPORTANT PRECAUTIONS



1. Read all documentation before operating your equipment. Retain all documentation for further reference.
2. Mains voltage must be correct and the same as that printed on the rear of the unit. Damage caused by connection to improper AC voltage is not covered by any warranty.
3. Always operate the unit with the AC ground wire connected to the electrical system ground. Precautions should be taken so that the means of grounding of a piece of equipment is not defected.
4. After connected to power supply, Standby LED illumed, some components inside already electrified.
5. Output port at bridge status of the amplifier links with oscillograph is prohibited, or it would cause damage to the amplifier and the equipment.
6. The output level of the amplifier does not exceed the marked sensitivity.
7. Do not run the output of any amplifier channel back into another channel's input. Do not parallel or series connect an amplifier output with any other amplifier output.
8. In system setup, amplifier's output power must be greater 50%-100% than the loaded loudspeaker's rated power.
9. Make sure the signal correctly connect to the amplifier's input channel at current input mode.
10. Please turn off the power switch, when pull off the power cord and signal cable or select the input mode switch.
11. In typical use, Please set the volume to -0dB position.
12. Sometime, one signal to more than one amplifier, suggest use signal distributor.
13. If needs to supply power for more than one unit power amplifiers, to eliminate the big surge current interfere to the electricity net and cause the voltage fluctuate abnormal thereby lead to amplifiers and other equipments with same line defective while switch on the amplifier, we recommend you use the Sequence Power.
14. Do not obstruct the air entrance and exit.

Safety instructions

Read all safety instructions before operating amplifier

Install equipment as follows:

- Install in a flat place, not bending or curved.
- Do not install near water and moisture.
- Place power amplifier away from heat sources, such as radiators or other heat source.

Keep in mind the following when connecting amplifiers:

- Read the user manual before connecting the amplifier.
- Connect each connection of the amplifier perfectly. If not, it may cause hum, damage, electric shock in case of disconnection.
- To prevent electric shocks, do not open top cover.
- Connect the power cord with safety after check the AC power.

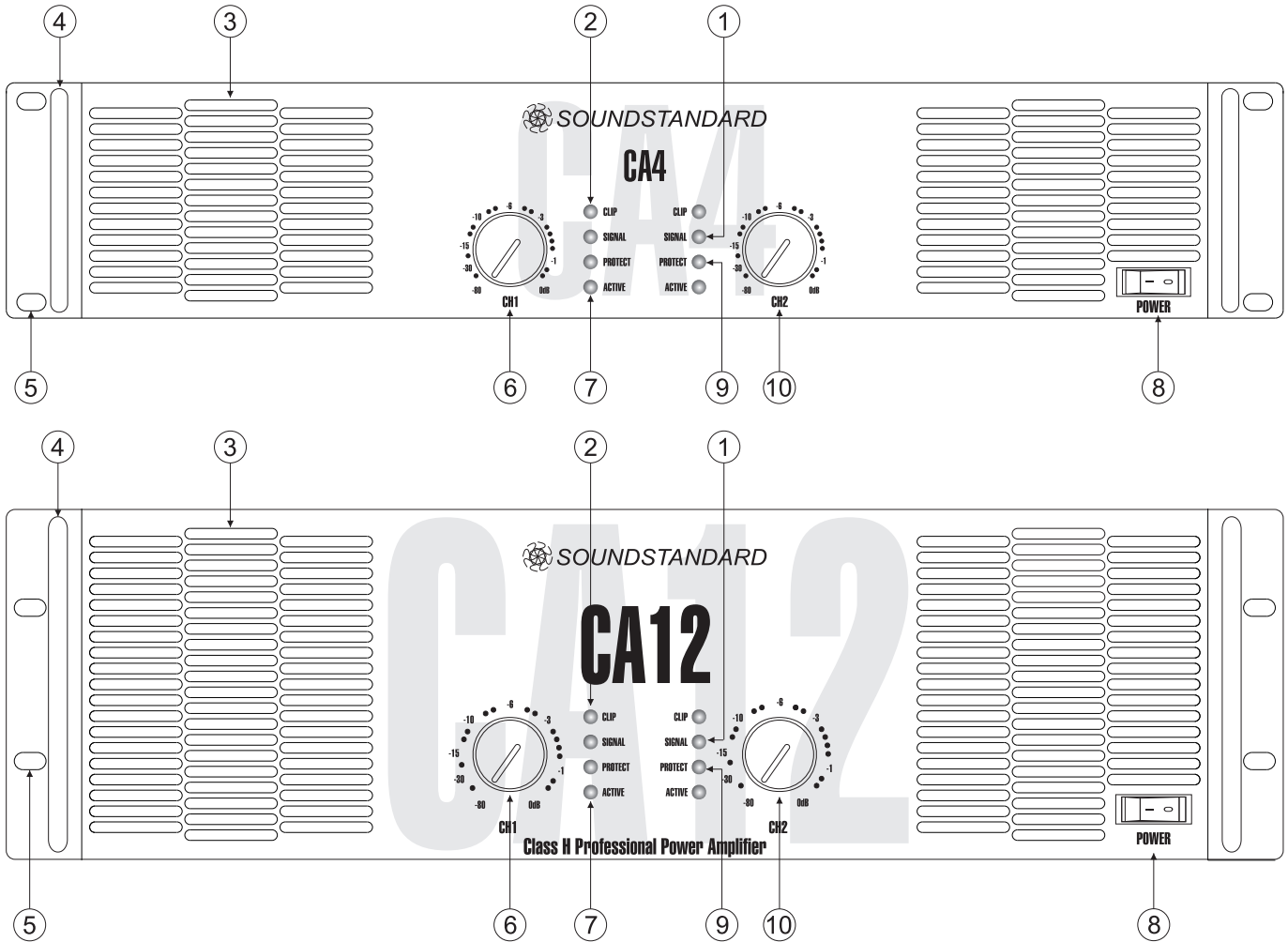
Ex-factory setting

1. All the volume adjustment button was set at "-80dB".
2. The power switch was set at "OFF".
3. Working mode selector switch was set at "STEREO".
4. Sensitivity selector switch was set at "0.775V".
5. Crossover switch was set at "OFF".

⚡ CAUTION

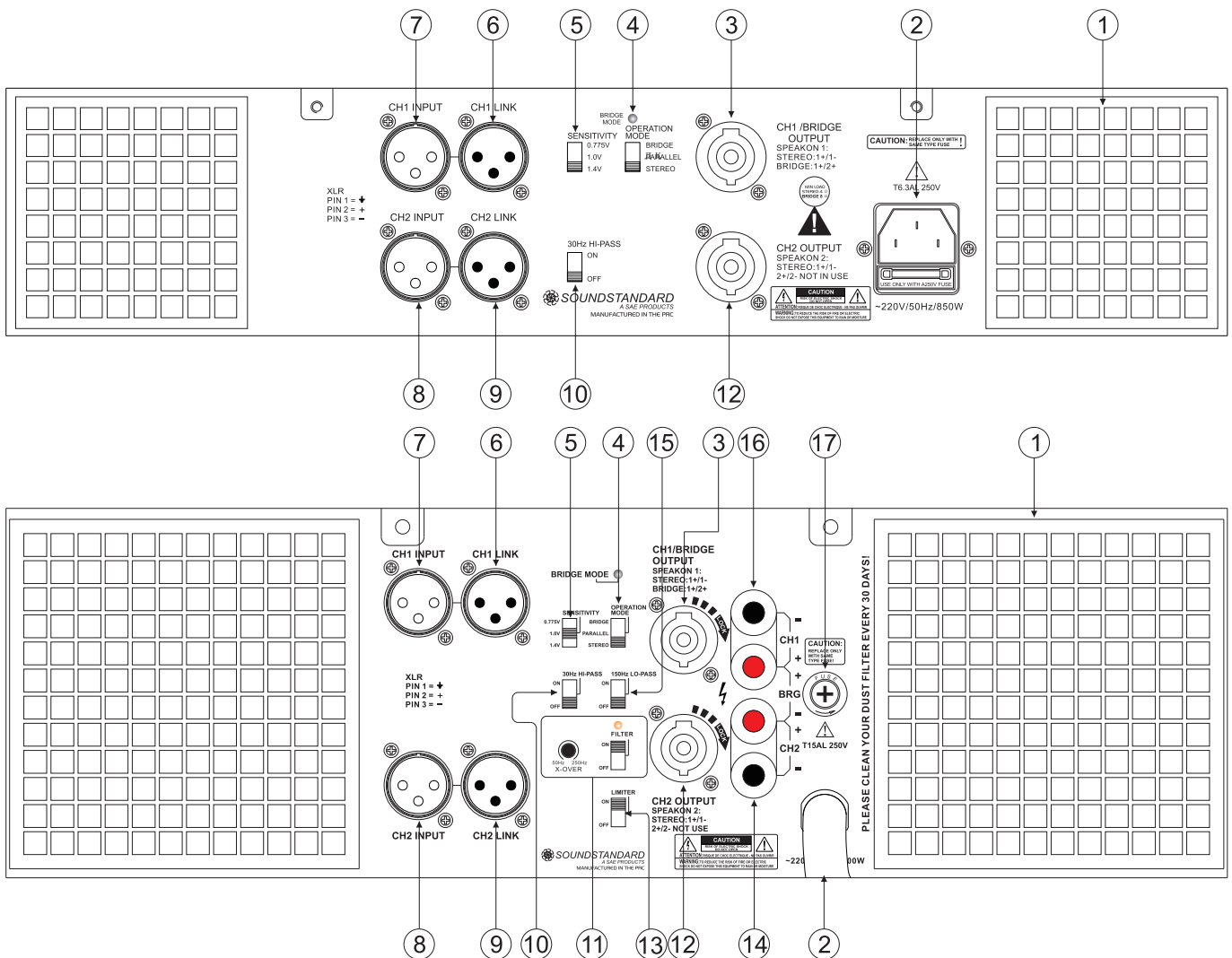
Warning: with dangerous voltage non insulation components inside enough to cause electric shock, do not open, return to authorized service center or repaired by specified people if failed.
to reduce the risk of fire or electric shock do not expose this equipment to rain or moisture.

CA Series front panel function introduce



1. "SIGNAL"Indicator: When this indicator on, it means the output port of the amplifier already has signal
2. CLIP indicator(CLIP)
When this indicator is on, it means the amplifier has reached its maximum output power (CLIP). Then you need to turn down the input signal to make sure the amplifier work under low distortion.
3. Air Entrance: This part is the air entrance. Don't obstruct it.
- 4.Handles: Handles are used for easy transportation.
5. Installation Socket: Use to fix when install to the rack.
6. CH1 volume control
In bridge mode, this potentiometer controls two channels volume, In stereo or parallel mode: this potentiometer just controls CH1 volume.
7. "Power ON" Indicator
When this indicator is on, it means the main power supply system of amplifier has been working.Otherwise, it is opposite.
8. Power switch
This switch is used for power on and off. Press the upper part to switch on, and lower part to switch off.
9. Protection Indicator(PROT)
When this indicator is illumed, it means the amplifier is on the protection status, includes output short circuit, over-heat, DC, VHF, constant non-music high frequency signal (self-excitation or long time whistle).
10. CH2 volume control
In bridge mode, this potentiometer invalid, the volume is controlled by CH1 potentiometer. In stereo or parallel mode, the potentiometer just controls CH2 volume.Gain control range: -80dB~0dB, available turning angle is 280 degree.

CA Series rear panel function introduce



CA series rear panel function introduce

1. Air Entrance:
This part is the air entrance.. Don't obstruct it.
2. Power cord
This is the power supply cord. Before plug into AC power supply, please kindly check whether the amplifier marked voltage is conform to local required voltage or not.
3. CH1 SPEAKON output
Connect this speakon to the loudspeaker. Use terminal +1,-1(except 4,6&9 bridge mode should be +1,+2)
4. Operation Mode Selector
This switch is used to choose the operating mode of the power amplifier.
Mode stereo: 2 inputs(CH1 and CH2) and 2 outputs are used.
Mode parallel: 1 input(CH1) and 2 outputs are used.
Mode bridge: 1 input(CH1) and 1 output(output1) are used.
5. Input sensitivity selector: This selector allows to choose the input sensitivity: either 0.775V, 1.0V, 1.4V.
6. CH1 Link Socket: This balanced socket is used to link another amplifier.
7. CH1 XLR Input: This XLR input is a balanced input. Connect this input to the left output of your mixer.
8. CH2 XLR Input: This XLR input is a balanced input. Connect this input to the right output of your mixer.
9. CH2 Link Socket: This balanced socket is used to link another amplifier.
10. High Pass Filter switch: This switch is used to cut low frequency under 30Hz(infrasound).
11. Filter Switching: Mono channel two-way crossover function, and adjustable crossover potentiometer, make one amplifier drive full range loudspeaker and subwoofer separately, and on need to connect extra crossover.
When switch on the filter on rear panel, the "X-OVER" LED is lit, mean while MODE/30Hz HI PASS and 150Hz LOW PASS invalid.

CA series rear panel function introduce

12. CH2 Speakon Output: connect this speakon output to an another speaker, The branching is +1/-1.
13. Limiter switch: to prevent too high signal and damage the power amplifier and loudspeaker.
14. Channel 2 binding post output: This is the binding post output port.Red color links to positive port of speaker,black color links to negative port of speaker.While bridge,only red color links to positive port of speaker.
15. Low pass filter switch: if the system needs to drive the subwoofer,turn the switch to"ON" place,it can filtrate the signal below 150HZ. You can use this amplifier to drive the subwoofers,no need to add an extract electronic crossover.
16. Channel 1 binding post output: This is the binding post output port.Red color links to positive port of speaker,black color links to negative port of speaker.While brigde,only red color links to positive port of speaker.
17. Fuse holder: To protect the power amplifier not to occur further failure because of cruelly use or internal short-circuit.

Application range

1. This user manual is suitable for CA series models amplifier that manufactured and launched by SAE.
2. Suits for live concert, disco, night Club, etc.

Maintenance and troubleshooting

Below are some simple methods to check the amplifier was damaged or not:

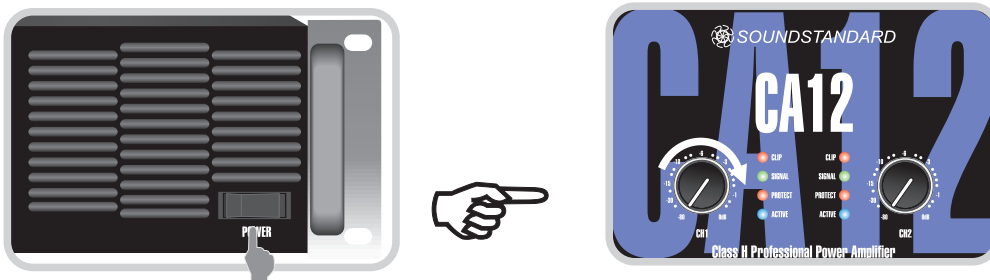
1. No output
If the signal LED is illumed based on the signal, then the amplifier shall be fine, please check whether the SPEAKON output is well connected or not.
2. Low signal output
If the signal LED is illumed and clip LED also lit, then please check whether the output port is short- circuit or not. If the signal LED is illumed, and the protect LED is also lit, then the amplifier shall be at protection status. There are two possibilities: one maybe over-heat protection, another maybe VHF protection. Cancel the signal, then you can test whether it is VHF protection or not. If the amplifier chassis temperature is very high, that shall be over-heat protection. If the input voltage is too low, the amplifier can't work well.
3. The failure is still existing after check the above, please return the equipment to the authorizedservice agent, it shall be repaired by skilled person.

Note: If the amplifier is still in guarantee period, please keep the case completely well, cannot disconnect any mechanical parts, otherwise it will not be guaranteed!

Basic operation

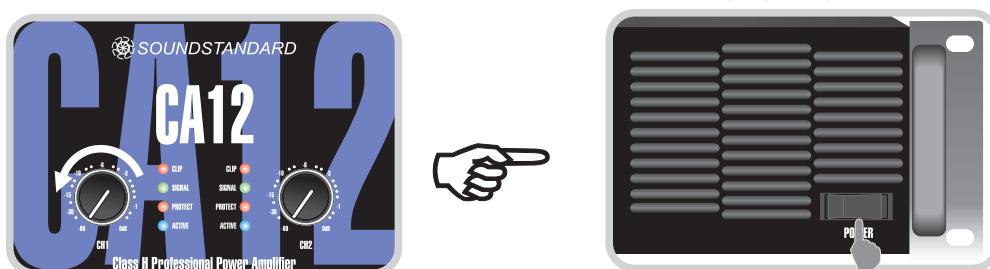
Switch on


- 1.Connect to the signal source and then connect the plug to the power supply, thus the amplifier inside is electrified and on standby status.
- 2.Switch on: Press the power switch at " I ", then the amplifier turns on, the power indicator (ON) is on.
- 3.When the amplifier is electrified, the protection indicator is on and the amplifier will test automatically for 10 seconds. The indicator will be extinct when test finished. Then you may adjust the volume control button on the panel to set the volume you need.



Switch Off

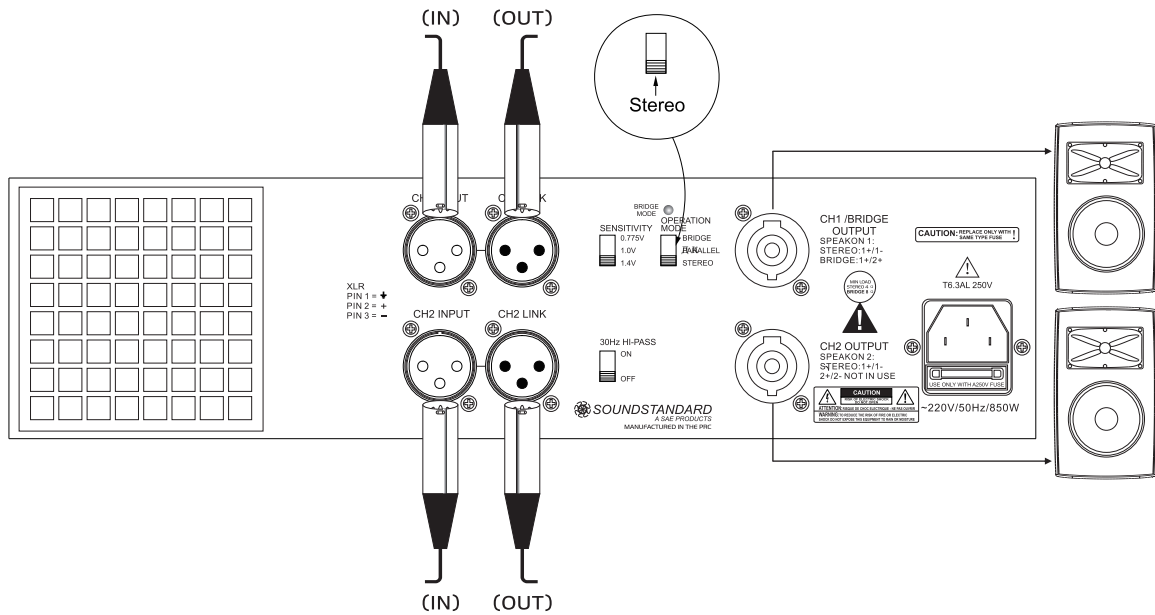
After using the amplifier, please adjust the CH1/CH2 volume control button to the lowest position(-80dB), then you can turn off the amplifier safely. Switch Off: Press the power button to "O", then the amplifier turns off, the power indicator (ON) extinguishes.



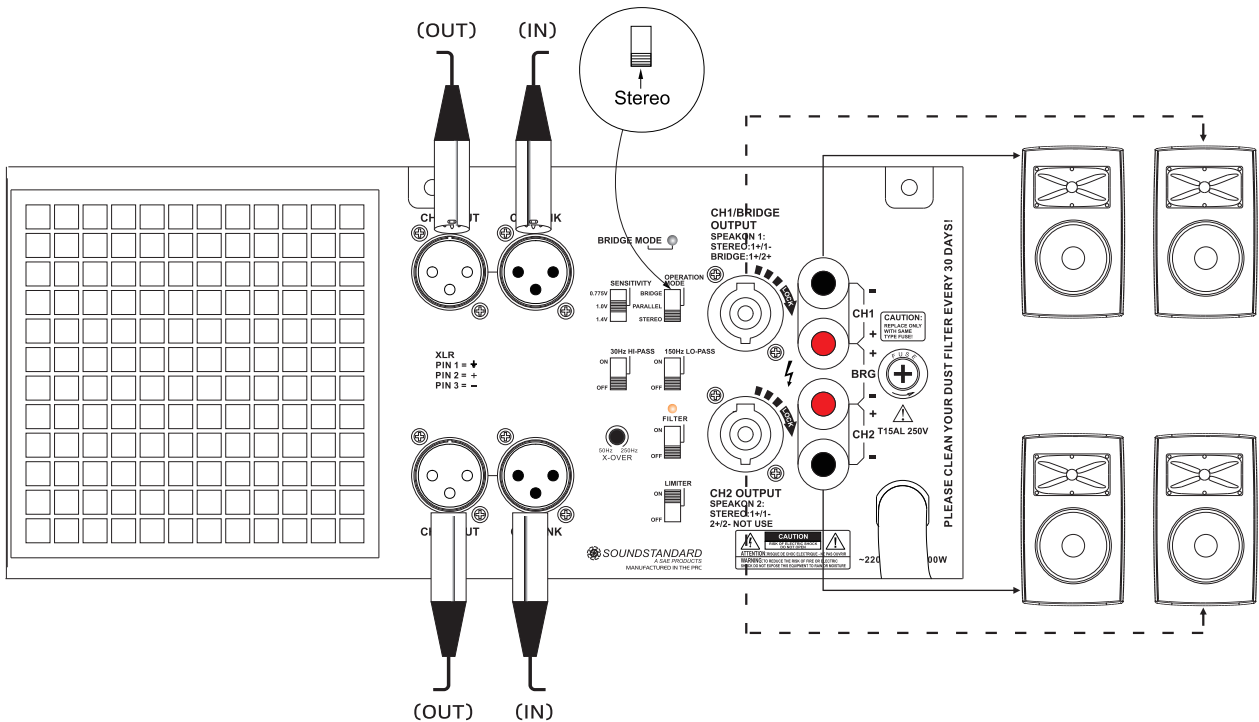
-  **Note:**
- 1.Cannot connect or disconnect the signal source when the amplifier turns on, otherwise there will be impact and which will make damages to the amplifier and the speaker.
 - 2.When the amplifier connects to power supply, it means it has power inside, If you do not use the amplifier over 3 hours, you should put off the power cord.

CA series Set up connection mode

CA4-6-9 Stereo mode



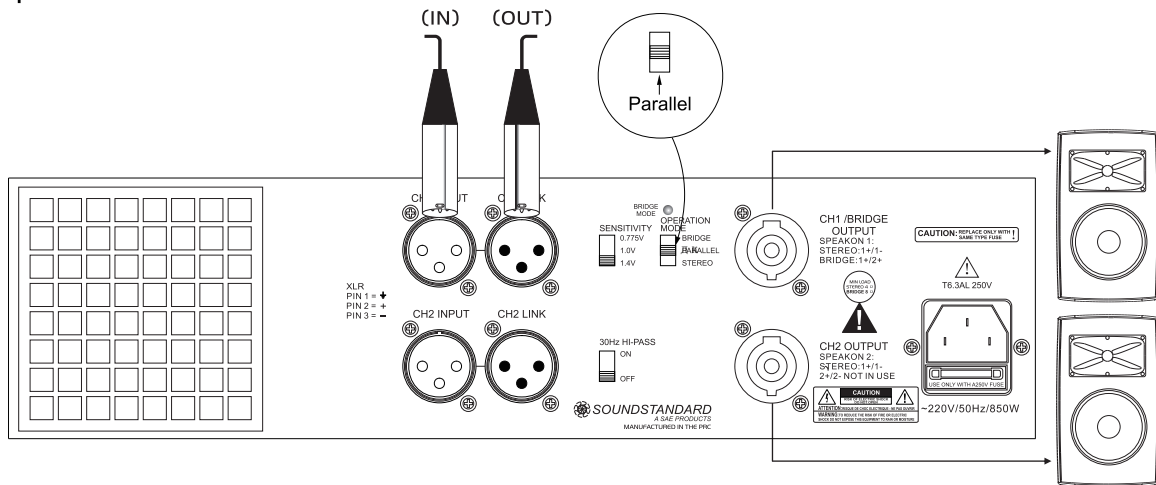
CA12-18-20 Stereo mode



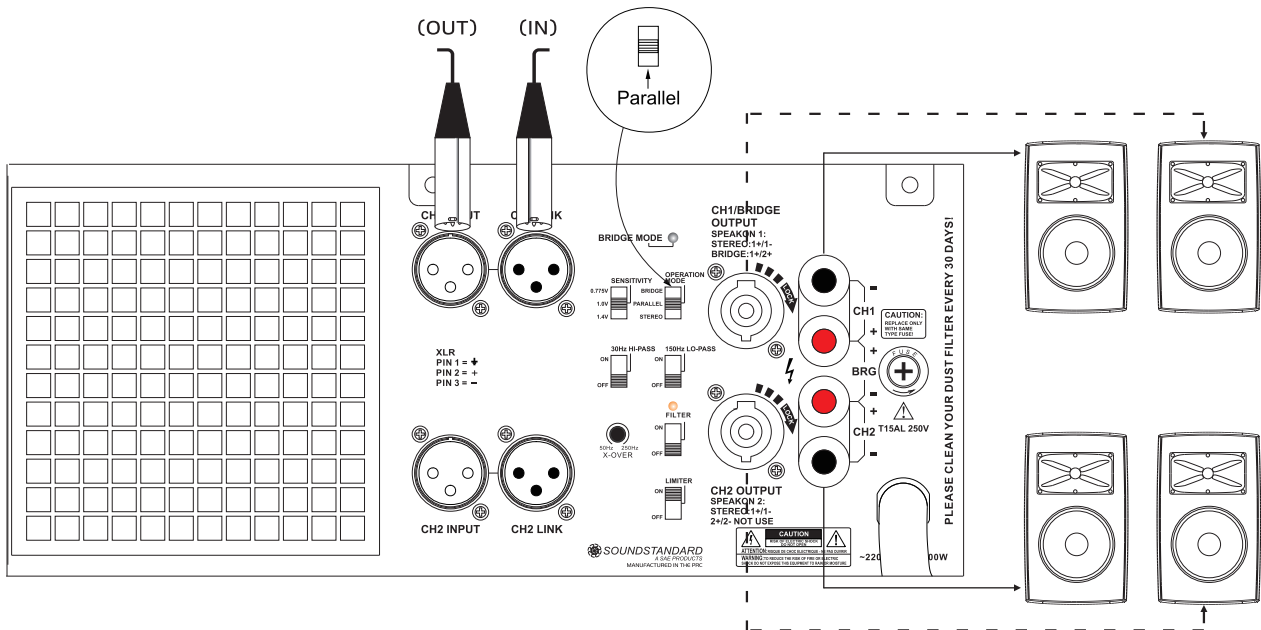
In this mode, connect the two channels input to the sound source (such as mixer, CD) output, set the mode at “STEREO” adjust the two channels volume to a suitable position, connect the two SPEAKON to two speakers.

CA series Set up connection mode

CA4-6-9 parallel mode



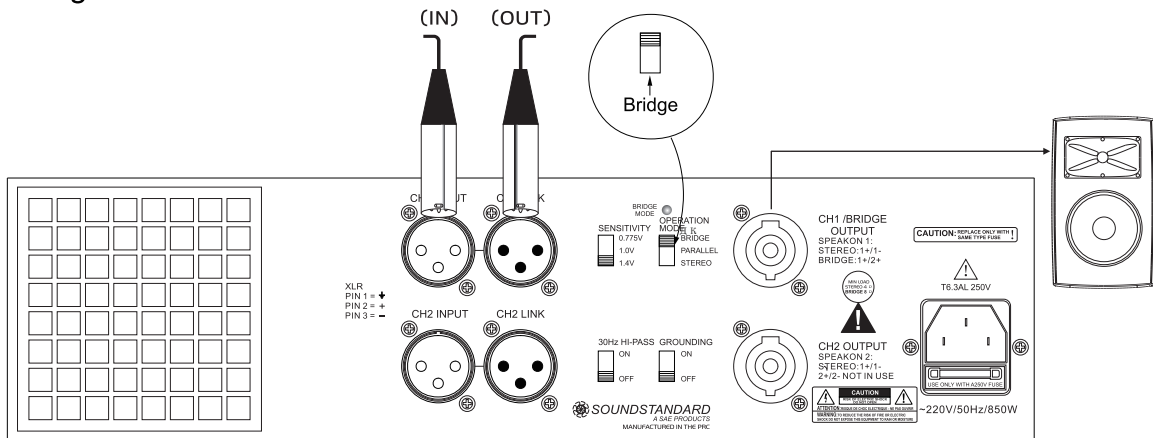
CA12-18-20 parallel mode



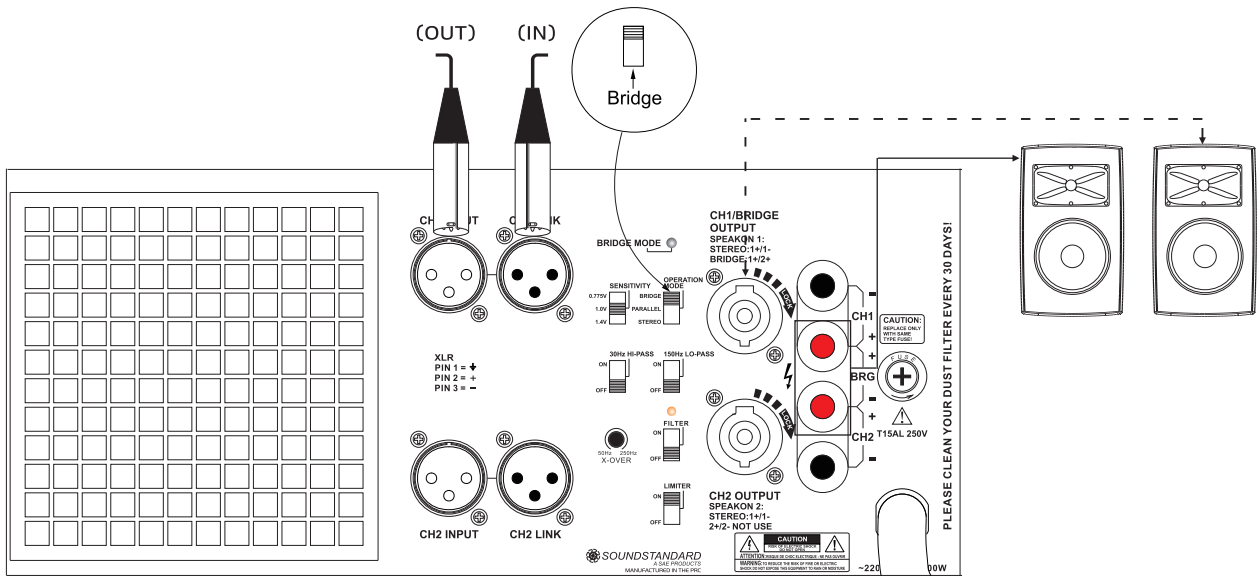
In this mode, connect the CH1 input to the sound source (such as mixer, CD) output, set the mode at “PARALLEL” adjust the two channels volume to a suitable position, connect the two SPEAKON to two speakers.

CA series Set up connection mode

CA4-6-9 Bridge mode



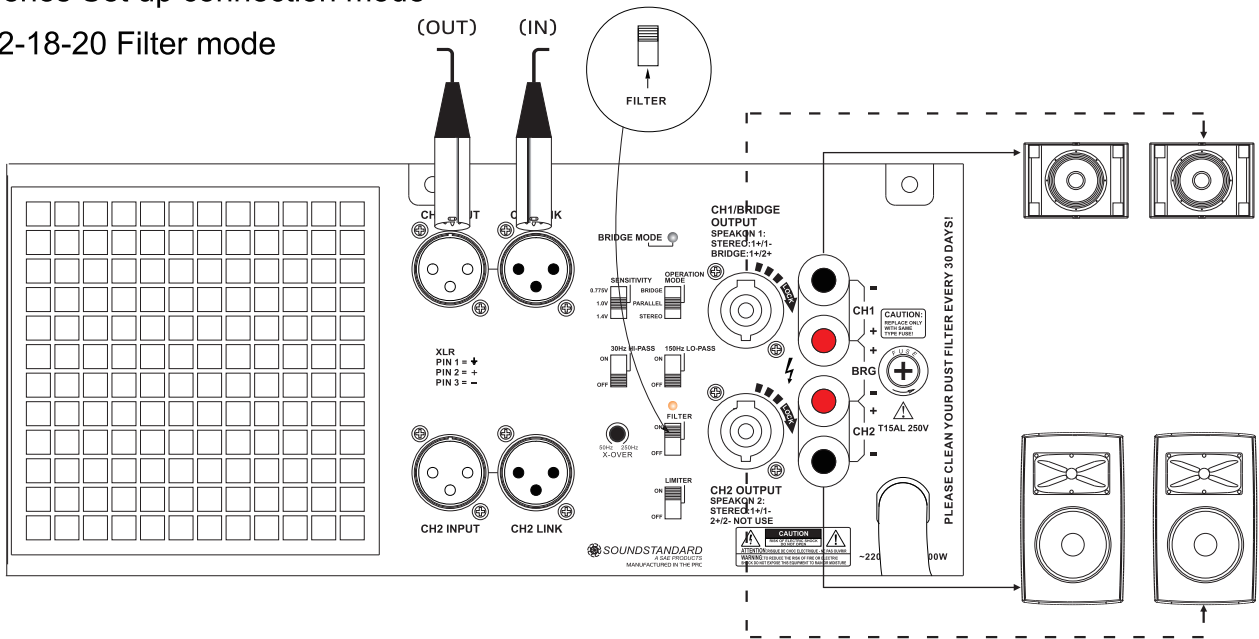
CA12-18-20 Bridge mode



In this mode, connect the CH1 input to the sound source (such as mixer, CD) output, set the mode at “BRIDGE” adjust the Ch1 volume to a suitable position, connect the SPEAKON of the BRIDGE OUTPUT to the speaker.

CA series Set up connection mode

CA12-18-20 Filter mode

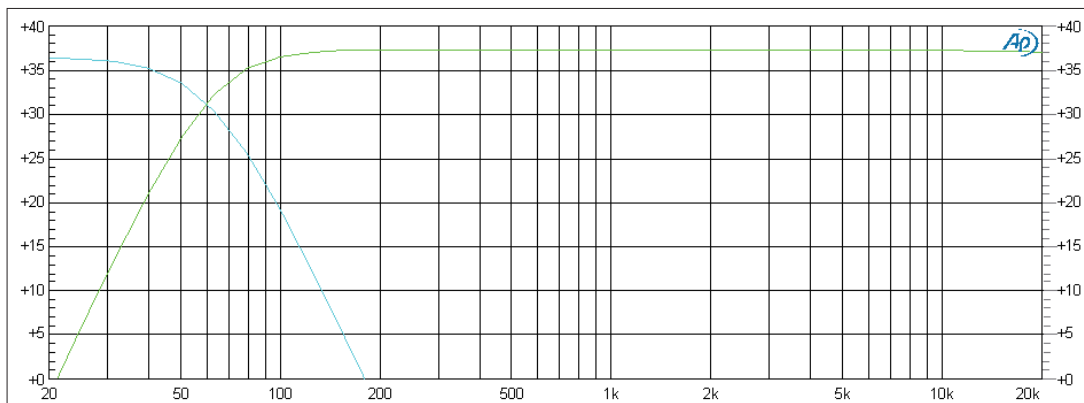


In this mode, connect the CH1 input to the sound source (such as mixer, CD) output, set the "FILTER" switch at "ON" adjust the CH1 volume to a suitable position, connect the two speakers with the low frequency high frequency loudspeakers solely..

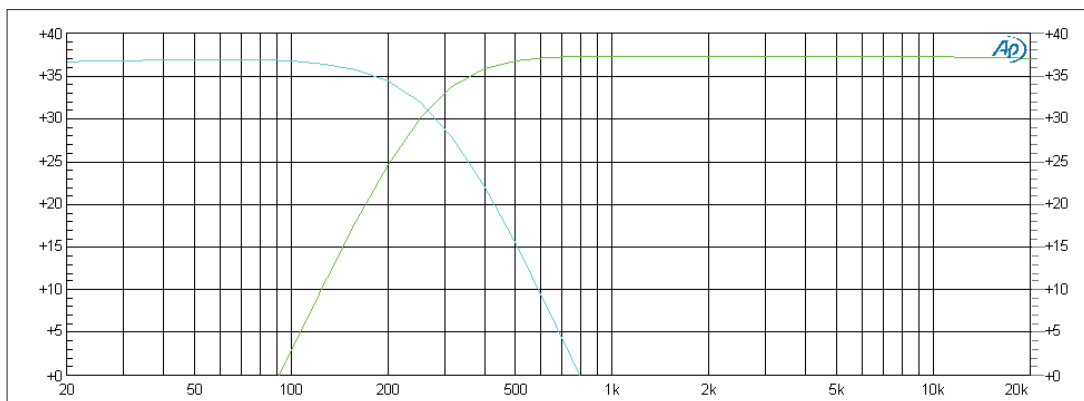
Note: The filter inside can divide the input signal of Ch1 into two frequency band. When the function is activated, CH1 receives and enlarges the signal between 20Hz to 50~250Hz while CH2 receives and enlarges the signal between 50~250Hz to 20Hz. The filter can be adjusted between 50~250Hz.

When switch on the filter on rear panel, the "X-OVER" LED is lit, meanwhile MODE, 30Hz HI PASS and 150Hz LOW PASS invalid.

Crossover is 50Hz



Crossover is 250Hz



Specifications:

Model	CA4	CA6	CA9	CA12	CA18	CA20
8 Ω stereo Power*	250W	450W	550W	850W	1150W	1350W
4 Ω stereo power**	450W	750W	950W	1275W	1725W	2025W
2 Ω stereo power**	650W	1100W	130W	1700W	2300W	2700W
8 Ω Bridge power*	900W	1550W	1900W	2550W	3450W	4050W
4 Ω Bridge power**	1350W	2200W	2800W	3400W	4600W	5400W
Frequency Response	20Hz-20KHz, +/-0.5dB					
THD+N(1K Hz)	<0.1%	<0.1%	<0.1%	<0.1%	<0.1%	<0.1%
Slew Rate	>10V/μ s	>10V/μ s	>10V/μ s	>20V/μ s	>20V/μ s	>20V/μ s
Damping Factor	>200	>300	>100	>100	>300	>300
S/N Rate	>80dB	>80dB	>80dB	>80dB	>80dB	>80dB
Input Sensitivity	0.775V, 1V, 1.4V					
Output topology	Class AB			3 Steps Class H		
Width	483	483	483	483	483	483
Depth	432	432	432	432	432	432
Height	2U	2U	2U	3U	3U	3U
Gross Weight(±2.5Kg)	27KG	27KG	29KG	38KG	41KG	41KG
Packing Dimensions(mm)	L620xW595xH170			L620xW595xH210		

Note*: The power are tested under EIA standard.

**The power are tested under the condition of 1KHz, THD1%, 40ms burst.

※The above result was tested under the term of standard power wave and constant voltage.

www.soundstandard.com

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or products without prior notice.

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