



天逸音响
TONE WINNER

有源超低音音箱 使用说明书

本企业已通过ISO9001质量管理体系认证
The factory has been awarded ISO 9001 quality system certificate.



产品装箱单

序号	名称	数量
1	说明书 (内含保修卡)	1本
2	电源线	1条
3	合格证	1张

污染控制标识及其含量说明



此标志表示该产品在使用完结后可再利用。数字表示的是环境保护使用期限，只要遵守与本产品有关的安全和使用上的注意事项，从制造日算起在数字所表示的年限内，产品不会产生环境污染和对人体、财产的影响。

产品中有毒有害物质或元素名称及含量

部件名称	有毒有害物质或元素					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr ⁶⁺)	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
机体/箱体	○	○	○	○	○	○
实装基板/电器部件	×	○	○	○	○	○
塑胶结构件	○	○	○	○	○	○
金属结构件	○	○	○	×	○	○
线缆类	○	○	○	○	○	○
变压器	○	○	○	○	○	○
扬声器/传声器	×	○	○	×	○	○

说明：

“○”表示该有害有毒物质在该部件所有均质材料中的含量均在 SJ/T11363-2006 标准规定的限量要求以下。

“×”表示有害有毒物质至少在该部件的某一均质材料中的含量超出 SJ/T11363-2006 标准规定的限量要求。

注：“×”为在现有技术下还没有可替代的物质。



感谢您使用我司的音响产品，我们将以“高品质、高品位、高技术”的企业理念，以精美的工艺、经典的电路、高新的科技、稳定的质量、一流的品质、一流的服务，为广大消费者提供我们稳定、可靠、耐用、好听的音响科技成果！

目录：

- 一、 注意的重要防护措施 2
- 二、 特点概述 3
- 三、 背板示意 4
- 四、 功能简介 5
- 五、 低音炮连接 6
- 六、 低音炮测试 6
- 七、 低音炮调节 7
- 八、 主要技术指标 8
- 九、 安全防护类别: II类设备 8
- 十、 故障及解决方法 8
- 十一、 保修卡 9

注意的重要防护措施

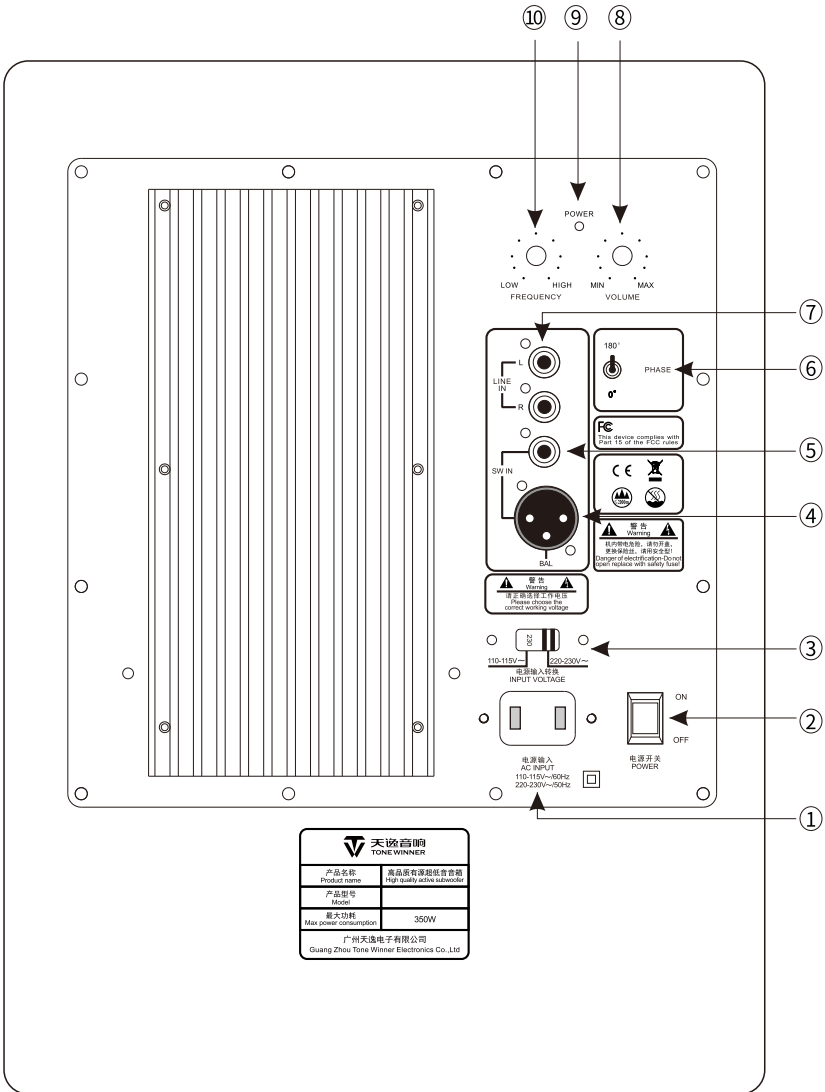
	警告 机内带电危险请勿开盖		<ul style="list-style-type: none">■为了减低触电的危险，请勿拆卸外罩(或后盖)。■如须维修，应请符合资格的维修人员进行维修。■为了避免火灾及触电危险，请勿使本机淋湿或受潮。■安全防护类别：II类
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1. 阅读防护措施：在使用设备前，仔细阅读说明书中所有防护与操作的有关警告信息。
2. 遵循使用说明：请遵循说明书中的操作与使用信息，请勿违反使用说明操作。
3. 请把本产品置于生产厂家推荐的地方：为防止本产品倾覆，请勿用力推，及移动时突然停止。
4. 远离水与潮湿：请勿将设备放在靠近水的地方，如浴缸、脸盆、水池、洗衣机等；也不能在高温高湿环境下使用，如潮湿的地下室等。
5. 清洁：请勿用液体清洁剂和雾状清洁剂，请用干布清洁。清洁设备前请先关闭机器并断开电源。
6. 电源：电源使用请按照产品使用标示。应合理布置走线，请勿踩踏、拉扯电源线，以免造成破坏。特别留意插头、方便插座和设备连接处的电线。
7. 通风：本产品外壳留有通风孔,用于通风。为确保产品使用性能可靠，应避免设备过热，请勿遮挡覆盖设备。不要在类似床、沙发、地毯等物的表面使用本产品。报纸、桌布、窗帘和其他物体都可能遮住通风孔。勿将设备放在可能挡住设备通风孔的窗帘旁边。如果设备是内置式安装，如书柜或架子上，请确保有足够的通风。设备两侧、上面、后面各保持10cm (4") 的距离。设备支架或上方遮板的后边缘应距离后面板或墙壁10cm (4")，留出通风散热的空间。
8. 热力 - 使产品远离热源，如散热器、火炉等能产生热能的物体(包括功率放大器)。
9. 防止异物或液体 - 应防止物体或液体透过洞孔倒入机内，因为可能接触到电流或带电部分，导致火灾或电击。本产品不能置于雨淋或水溅之处，也不能将装水容器，如花瓶等置于其上。
10. 请在未开机前连接好所有输入/输出线再开机。
11. 雷电：在打雷闪电时，需要保护设备，请将电源线拔掉，可以有效防止雷电冲击。
12. 保护：①长时间不使用本产品时，请拔下电源插头。②良好的接地可防止本机受到破坏。
13. 维修：请勿自行打开设备外壳，以免触电。在以下情况，需要维修服务，请将本机送我厂当地 特约维修点进行维修。
 - a) 异物、液体进入本机内。
 - b) 设备被淋雨。
 - c) 机器操作异常。
 - d) 机器跌落或机体损坏。
14. 电池：注意环保，不要随意丢弃用过的废旧电池。
15. 关于电网电源的断开装置：本机用电源插头及器具耦合器作为断开装置。电源插头及器具耦合器应当保持能方便的操作。
16. 本产品仅适用于海拔2000m以下地区安全使用。
17. 本产品仅适用于非热带气候条件下安全使用。
18. 本设备电源开关处在“OFF”位置时，设备将会停止工作，但此时设备并未与电源完全断开:专业维修人员需要进行开盖维修时，务必将电源线从电源插座拔下。

特点概述：

- ① 支持低通频率范围调节；
- ② 0/180度相位调节；
- ③ 内置低通滤波器，支持L/R全频信号输入；
- ④ 支持RCA及全平衡超低信号输入；
- ⑤ 宽电压设计，支持110-115V~(60Hz)/220-230V~(50Hz)电源选择；
- ⑥ 采用发烧级模拟放大电路，高品质巨型环形变压器；
- ⑦ 天逸独有的功放保护电路，过压、过载、过热等保护，保证长时间大功率输出时稳定可靠；
- ⑧ 长冲程、强磁、大功率10英寸超重低音喇叭单元；
- ⑨ 箱体采用高品质纤维板精密加工而成，有效减少箱内驻波；

背板示意:



天逸音响 TONE WINNER	
产品名称 Product name	高品质有源低音单元 High quality active subwoofer
产品型号 Model	
最大功率 Max power consumption	35W
广州天逸电子有限公司 Guangzhou Tone Winner Electronics Co., Ltd	

功能简介：

① 电源尾座：

连接到常规交流电源。请确认您的电源电压与您的电源电压选择相对应。否则将会严重损坏设备。

② 电源开关 POWER：

按下“ON”接通电源，按下“OFF”切断电源。插上或拔下电源线插头前请务必切断电源。接通电源时，低音炮进入工作状态。

(为了获得最佳的听音效果，建议您使用低音炮时，处于电源接通状态；如果长期不使用低音炮，请务必切断电源。)

③ 电源电压切换开关 (110-115V~/220-230V~)：

电源电压输入选择是让低音炮使用范围更为广泛：

当您的电网电压是220-230V~/50Hz时，请将开关拨到能看到“230”字样的一端；

当您的电网电压是110-115V~/60Hz时，请将开关拨到能看到“115”字样的一端。

④ SW 平衡信号输入口：

当您的前端设备只有平衡输出或当您需要从平衡端输入信号时，请将一条专用平衡输入输出线正确与前级输出设备相连接。

请注意前级输出设备接线端与低音炮接线端是否一致：PIN1: SIGNAL GND、PIN2: SIGNAL+、PIN3: SIGNAL-。

⑤ SW 非平衡信号输入口：

超低音RCA非平衡信号输入。

⑥ PHASE 相位切换开关：

用于切换超低音音箱播放声音的相位，以获得最佳的听音效果。

⑦ LINE IN 线路输入：

低音炮线路输入采用RCA插孔，可以使用前端放大器、电视机或立体声、解码器的音频信号；如果仅提供了单一低音炮输出，请将其之连接到单端SW IN输入插孔。

⑧ VOLUME 音量调节旋钮：

沿顺时针方向旋转音量增大，反之音量减小。

⑨ POWER 电源指示灯：

接通电源时，放大器处于待机状态，指示灯为红色；约5秒左右放大器会自动转入工作状态，指示灯为蓝色；工作异常时，红灯闪烁。

⑩ FREQUENCY 频率范围调节旋钮：

沿顺时针方向旋到底，放大器输出21~240赫兹的信号；沿逆时针方向旋到底，放大器输出21~80赫兹的信号。

低音炮连接：

可通过不同方式与您的多声道放大器、接收器等设备相连接。

如果您的光碟机、家庭影院放大器、前级放大器或多声道解码器等有相应的线路输出端，就通过低音炮的线路输入端来输入信号；如果有平衡输出端，也可以通过低音炮平衡输入端来输入信号。

请注意！务必完成全部信号连接后再打开低音炮电源。

从线路输入端输入信号：

如果前端设备有RCA(莲花座)超低音(SW/LFE等)信号输出，请用一条RCA(莲花)信号线将其接入低音炮的SW IN接口；

如果前端设备没有超低音信号输出，请用两条RCA(莲花)信号线将L/R信号接入低音炮的SW IN接口；

从平衡输入端输入信号：

当您的前端设备只有平衡(BAL或Balance)输出或当您需要从平衡端输入信号时，请将一条专用平衡信号线将信号接入低音炮BAL端。

请注意前级输出设备接线端与低音炮接线端是否一致：

PIN1: SIGNAL GND、PIN2: SIGNAL+、PIN3: SIGNAL-。

低音炮测试：

首先打开您的影音系统，设置影音系统为正确的工作模式，确保低音炮所连接的端口有信号输出，再打开低音炮的电源开关，将相位切换到“0”位置(出厂设置)，把音量开到一半左右。

播放一段您熟悉且低频丰富的音乐，您应该能听到低音炮播放的低音。

您也可以用DVD播放机、家庭影院放大器、前级放大器或环绕声解码器的测试功能来测试低音炮。这种功能将噪声信号输入影音系统的每一个声道的音箱，同时可以用这种功能来平衡和校准每个声道音箱(包括低音炮)的音量。

注意：低音炮只对它接收到的低音信号作出反应，而许多时候信号并不包含低音(如人物对白、小提琴演奏、安静的场面等等)。

低音炮调节：

完成系统测试之后，通过进行以下各项工作来达到最佳听音效果。在进行每一个步骤时，请仔细聆听和比较声音的变化（尤其是低音部分）。

播放一支较熟悉的、低频比较丰富且节奏感较强的音乐或歌曲，进行以下步骤：

位置调整：

将低音炮放在正常听音位置(如沙发上)，音量调到约一半左右，然后在房间内各处走动。如果在某处听到的低音明显较强，那么低音炮应该放在这个位置。通常这样的地方不止一处，请选择方便连接和使用的地方。

音量调节：

调节音量使低音炮的声音和主音箱的声音很好地融合在一起。低音炮是为弥补您现有影音系统低音的不足而设计的，不是为了来压制它们本身的表现。低音炮的声音应该与整套系统输出的声音融为一体。

相位调节

- 1.反复调节相位0/180，在正常听音位置仔细聆听，比较低频表现更结实有力，而且较明显增强；
- 2.将相位调节置于低频表现最好的位置；
- 3.有时在切换0/180时，低频听感几乎没有区别，那么将旋钮置于“0”位置；
- 4.如果你更换了前置音箱、较多的改变了前置音箱或低音炮的位置，就需要重新进行相位调节。

频率调节

反复调节低通频率范围，使整套系统的低音衔接平滑、浑然一体时。

主要技术指标:

单元配置: 10" × 1
频率范围: 21-240 Hz
放大器功率: 200W (4Ω, RMS, THD<3%)
峰值功率P-P: 1000W
电 源: 110-115V~(60Hz)/220-230V~(50Hz)可切换
外形尺寸: 360×432×432 mm(宽×高×深)
净 重: 约19kg/只
毛 重: 约21kg/只
执行标准:GB4943.1,GB/T9254.1,GB17625.1

安全防护类别: II类设备

1. 使用前请仔细阅读使用说明书和本安全注意事项。
2. 产品应安装在便于散热的通风干燥处,避免水气和油烟。
3. 本机安全防护类为II类设备,安装时电源插头可接入电压为110-115V~/60Hz, 220-230V~/50Hz的电网中。
4. 为防止触电,用户切勿自行拆解机器。
5. 不宜频繁开关机,关机后再开机应等待数分钟。
6. 本机发生故障时,本厂实行“三包”,用户应送指定的商家或维修部维修或送本厂修理,用户切勿自行打开后盖检查或修理以免产生意外。
7. 本机所用的插头、电源线、保险管、电源开关、电源变压器均为安全件,各维修部更换安全件时,应用本厂提供图纸资料上所规定的型号、规格和定点厂家的元器件更换。

本产品规格若有变动,恕不另行通知

故障及解决方法:

现象	原因	解决方法
无 声	未接电源或未开电源开关	接通电源,打开电源开关
	音量旋钮在最小位置	调大音量
	没有低频信号输入	检查系统接线及设备的设置
低 音 失 真	超低音功放输出已达到极限	调小超低音或系统的总音量
	超低音功放频率范围太宽	调窄频率范围
大动态时失真或有异常声音	动态过大的声音(如爆炸声)使超重低音音箱过载	适当调小超低音音箱或家庭影院设备的总音量
有嗡嗡声或交流声	连线问题或系统接地问题	参考家庭影院设备说明书

产品保修卡

姓名		电话		微信	
住址					
购买机型		购机日期		凭据号	
购机地点			机号		
维 修 记 录	对产品的建议和意见：				
	报修时间				
	故障现象				
	检修结果				
维修员					

温馨提示

尊敬的用户：

感谢您选购我司产品，我们将严格按照国家“三包”规定，为您提供优质的服务，解决您的后顾之忧。

保修注意事项：

- 1、妥善保存保修卡、购机凭证及机器条码，产品保修时一并出示；
- 2、正常情况下，凭保修卡、购机凭证或机器条码，公司提供一年免费保修服务；
- 3、产品送修请填写故障现象及联系方式；
- 4、产品售后咨询微信：TYYX-01，或拨打020-34789761。

退换货申明：

- 1、按国家规定自购买之日起，7天内因质量问题可选择在原购买点退、换货；
- 2、退、换产品务必保证内外包装完整、配件齐全；
- 3、退、换产品务必保证外观无划痕、磕伤及人为损坏痕迹；
- 4、退、换产品不影响二次销售。

以下情况不在免费保修范围内：

- 1、擅自涂改、撕毁机器的条码及串号；
- 2、用户自行拆卸、改制、修理等引起的产品损坏；
- 3、非正常使用或接入非标准电源、信号等造成产品损坏；
- 4、不可抗因素导致产品发生故障的。

关注“天逸音响”微信公众号,享更多福利：

- 1、官网注册所购产品，延保三个月服务(延保期内产品往返运费自理，维修费用全免)；
- 2、注册会员，获取商城积分，可用于兑换商城内实物礼品；
- 3、获得“天逸合伙人”身份，分享产品赚取推广佣金；
- 4、以图文、视频、朋友圈等方式发表用户体验评论，投稿至公众号，一经选用即可获得丰厚礼品及更多购物优惠；
- 5、加入天逸粉丝群，与志同道合的发烧友交流心得。

扫码注册延保



感谢您的合作！

广州天逸电子有限公司

官网：www.tonewinner.com

地址：广州市番禺区大石街鸿盛三路1号2栋

电话：020-34789751、020-34789761

邮编：511430



扫码注册延保

广州天逸电子有限公司

微信: TYYX-01

电话: 020-34789751/34789761

网址: <http://www.tonewinner.com>

地址: 广州市番禺区大石街鸿盛三路1号2栋

Scan QR code



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Web: en.tonewinner.com

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Specifications

Driver: 10"x1

Frequency response: 21-240Hz

Amplifier power: 200W(4Ω,RMS,THD<3%)

Peak power: 1000W

Power supply: 110-115V~(60Hz)/220-230V~(50Hz) switchable

Subwoofer size: 360 x 432 x 432 mm (W x H x D)

N.W: 19kg/pc

G.W: 21kg/pc

Standards: GB4943.1,GB/T9254.1,GB17625.1

(Note: The specification may be changed slightly without further notice.)

Equipment Safety Standard: Class II

- 1 Please read the manual and safety precautions carefully before using.
- 2 The product should be mounted somewhere ventilated and dry for the convenience of heat dissipation to avoid moisture and lampblack.
- 3 The safety standard of the machine is Class II; upon installation, the power plug should be connected to 110-115V~/60Hz or 220-230V~/50Hz grid.
- 4 Do not remove the cover during using to prevent electrocution.
- 5 Do not frequently turn it on or off. Wait a few minutes before turning it on again.
- 6 When the equipment fails, contact with the product managers where you buy this machine for internal maintenance. To avoid accident, do not open the rear cover for inspection or repair.
- 7 The plugs, power lines, fuses, power switch, and transformer used on the equipment are all safety parts. Upon change of safety parts, the maintenance department should replace them in accordance with the model and specification specified by our company.

Subwoofer adjustments

After completing the system test, perform the following steps to achieve the best sound effect. As you go through each step, listen carefully and compare the sound changes (especially the bass part). Play a familiar song/music, which has rich low frequency and strong rhythm, then do the following steps:

Position adjustment

Place the subwoofer in a normal listening position (such as sofa), turn the volume to about half, and then walk around the room. If the bass heard at one point where is significantly stronger, then the subwoofer should be placed in that position. Usually there are more than one such place, choose a place that is convenient to connect and use.

Volume adjustment

Adjust the volume to make the sound of subwoofer integrated with the sound of main speakers. Subwoofer is designed to make up for the lack of bass in your existing AV system, but not to suppress their own performance. The sound of subwoofer should be integrated with the sound of the entire system output.

Volume adjustment

1. Adjust the phase 0/180 repeatedly, listen carefully in the normal listening position, compare the bass frequency performance, and compare more significantly enhanced.

2. Put the phase adjustment in the position where the low frequency performance is the best.

3. Sometimes when switching 0/180, there is almost no difference in low frequency hearing, then

put the knob in the "0" position.

4. If you replace the front speaker, or change the position of the front speaker or subwoofer, you

need to do phase adjustment again.

Frequency regulation

Adjusted the low pass frequency range repeatedly, to make the bass of the entire system smooth and integrated.

Subwoofer connections

Different ways to connect with your multichannel amplifiers and receivers etc.

If your CD player, amplifier, pre-amplifier or multichannel processor have co-responding LINE

OUT port, use the subwoofer LINE IN port for signal input. If your equipment have balance input

port, use the subwoofer balance input port for signal input.

Caution! Make sure all signal connections are well connected before turn on the subwoofer.

Input signal by LINE IN

If your front-end equipment have RCA ultra bass signal output (SW/LFE etc.), connect it to

subwoofer SW IN port by a RCA signal cable.

If your front-end equipment do NOT have ultra bass signal output, connect the L/R signal to

subwoofer SW IN port by 2 RCA cables.

Input signal by BLANCE

If your front-end equipment only have BAL output, or you want to input signal from BAL port,

connect the signal to the BAL port on subwoofer by an appropriate balance cable.

Note: make sure the connecting ports of front-end equipment are match with the ports on subwoofer.

PIN1: SIGNAL GND; PIN2: SIGNAL+; PIN1: SIGNAL-.

Subwoofer tests

First, turn on your AV system, set the AV system to the correct working mode, make sure the ports

connected to the subwoofer all have signal output. Then turn on the power switch of the subwoofer,

switch the phase to the "0" position (factory settings). Then turn the volume to about half.

Play a piece of music that you are familiar with and it should have rich low frequencies, then you

should should hear the bass playing from the subwoofer.

You can also test subwoofer same as the test functions of DVD players, home theater amplifiers,

pre-amplifiers, or surround audio decoders. This function inputs the noise signal to each channel

of speakers in the AV system. Besides, it can be used to balance and calibrate the volume of each

channel speaker, including subwoofer.

Note: The subwoofer only responds to the bass signal it receives. Please note these signals do

not contain any bass, such as character dialogue, violin playing, quiet scenes, etc..

- 1 Power cord socket**

Connect to conventional AC power supply. Make sure power voltage matches power supply voltage to avoid damage.
- 2 Power switch "POWER"**

Press "ON" to connect power and "OFF" to cut off power. Please make sure the main power is cut off when you plug or unplug power cable. When power supply is connected, subwoofer will go into working status.

(In order to achieve the best listening effect, when you use the subwoofer, suggest to keep it in power ON mode. And please cut off the main power if subwoofer is not use for a long time.)
- 3 Power supply voltage switch (110-115V~/220-230V~)**

Switch the power supply voltage input based on your power grid voltage:

Set to "230" for 220-230V~/50Hz power grid voltage;

Set to "115" for 110-115V~/60Hz power grid voltage.
- 4 SW balance signal input port**

When your front-end device only have a balanced output or when you need balance input signal, use a dedicated balance input/output cable to connect the front-end device.

Ensure wiring matches on both ends: Pin1: SIGNAL+; Pin3: SIGNAL-.
- 5 SW un-balance signal input port**

For ultra bass RCA unbalanced signal input.
- 6 PHASE switch**

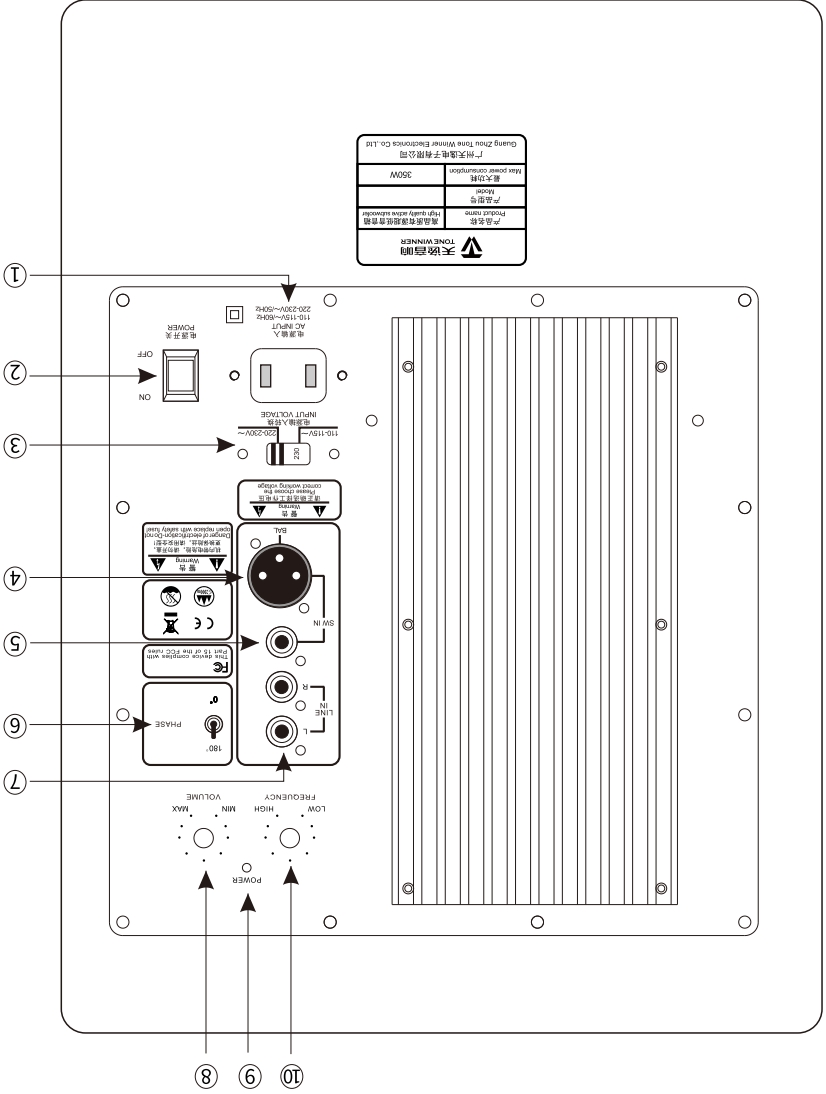
For switching phase of ultra bass speakers to get best sound effect.
- 7 LINE IN**

Subwoofer LINE IN adopt RCA jack, which can use audio signal from the front-end amplifier, TV or stereo decoder. If you have only 1 subwoofer output, connect it to the single jack of SW IN.
- 8 VOLUME adjustment**

Rotate clockwise will increase volume, conversely it will decrease volume.
- 9 POWER indicator**

When the subwoofer connect with power supply, the amplifier is in standby status, LED is red. About 5 seconds later, amplifier will go to working status automatically, and LED is blue. When subwoofer do not work correctly, LED blink red.
- 10 FREQUENCY adjustment**

Rotate clockwise to the end, amplifier will output signal of 21~240HZ. Rotate anti-clockwise to the end, amplifier will output signal of 21~80HZ



Rear Panel

Main Features

- Support low frequency range adjustment
- Support 0/180° phase switch
- Built in low frequency filter, support L/R full frequency signal input
- Support RCA and full balance ultra bass signal input
- Power supply: 110-115V~(60Hz)/220-230V~(50Hz) switchable
- Adopt enthusiastic analog amplifier circuit and high quality toroidal transformer
- 'Tonewinner' exclusive amplifier protecting circuits, such as over voltage, over load and over heat protection etc.
- Long stroke, strong magnet and high power 10 inch ultra bass speaker driver
- Colour black high quality MDF cabinet

13 Maintenance: do not open the cabinet without

Contact with the product managers where you buy this machine in the following cases:

- a) Unknown parts or liquid enter the machine.
- b) The machine is soaked.
- c) The machine works abnormally.
- d) Machine falling or damage.

14 Battery: for environment protection, please dispose batteries in appropriate ways.

15 Disconnection device of main power supply: this machine uses power plug and coupler as the disconnecting devices. Power plug and coupler should be easily operated.

16 This product is only suitable for safe use in altitude below 2000m.





17 This product is not suitable to be used in tropical climates.



18 When the power switch of subwoofer is in

the OFF position, it will stop working, but it is not completely disconnected from the power supply. When professional maintenance personnel need to open the cover for maintenance, be sure to remove the power cable from the power socket.

Safety Warnings and Protective Measures

<p>To reduce risk of electric shock, do not remove the outer cover (or rear panel).</p> <p>For maintenance, it should be carried out by qualified maintenance people.</p> <p>To avoid fire and electric shock hazards, do not get the unit wet or damp.</p> <p>Equipment safety standard : Class II</p>		<p>WARNING</p> <p>ELECTRIC DANGER DO NOT OPEN</p>	
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- 1 Read the protective measures: read all warning messages about protection and operation in the instructions carefully before using the equipment.
- 2 Follow instructions: please follow the instructions and do not violate the instructions.
- 3 Place the product on where manufacturer recommends: to avoid overturning, do not push too hard or suddenly stop when moving.
- 4 Keep away from water and moisture: do not place equipment near water such as bathtub, basin, sink, washing machine, etc. Do not use equipment at high temperatures or high humidity environment, such as a damp basement.
- 5 Cleaning: do not use liquid or mist cleaners. Please use dry cloth to clean. Turn off the machine and power off before cleaning the equipment.
- 6 Power supply: use the power supply according to marks and tags. Connect and place the wires properly. Do not step on wires to avoid damage. Pay special attention to wires to plugs, receptacles and connecting ports.
- 7 Ventilation: the cabinet of equipment is designed with venting holes. To ensure reliable performance, please avoid overheating and do not cover the equipment. Do not use the equipment on beds, sofas, carpets etc.

- 11 Thunder and lightning: unplug the power cable in thunder and lightning weather because it can effectively prevent lightning impulses to protect the equipment.
- 12 Protections: unplug the machine when you do not use it for long period. Good grounding can prevent the machine from being damaged.
- 8 Keep away from heat: do not put that machine near heat sources, such as radiators, stoves and other objects that generate heat (including power amplifiers).
- 9 Prevent unknown objects or liquids - objects or liquids should be prevented from falling through the holes into the equipment, because it might contact with current or live parts that might cause fire or electric shock. Do not place the equipment in rain or water splashing place. Do not put water containers such as vases on top of it.
- 10 Please connect well all input/output wires before switching on.
- 11 Thunder and lightning: unplug the power cable in thunder and lightning weather because it can effectively prevent lightning impulses to protect the equipment.
- 12 Protections: unplug the machine when you do not use it for long period. Good grounding can prevent the machine from being damaged.

Thank you for using our audio products. With the philosophy of "high technology, high quality and high taste", we make products with durable materials, exquisite technique, rigorous circuit & advanced technology and offer professional service!

Contents

2	Safety Warnings And Protective Measures-----
4	Main Features-----
5	Rear Panel-----
7	Subwoofer Connections-----
7	Subwoofer Tests -----
8	Subwoofer Adjustments-----
9	Specifications-----
9	Equipment Safety Standard: Class II-----

Active Subwoofer User Manual

STONE WINNER

