

AD-1PRE+

使用说明书

(内含保修卡)

本企业已通过ISO9001质量管理体系认证



产品装箱单

序号	名称	数量
1	说明书	1本
2	电源线	1条
3	光纤线	1条
4	数据线	1条
5	合格证	1张
6	遥控器	1个
7	电池	1对

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！

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注意的重要防护措施



警告

机内带电危险请勿开盖



- 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

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泻入机内，因为可能接触到电流或带电导致火灾或电击。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。



备注：

1. 使用前请仔细阅读本说明书
2. 本公司保留说明书解释权
3. 产品外观、颜色、图案以实物为准
4. 阅后请与发票一并妥善保存
5. 如遇产品技术或软件升级，恕不另行通知

功能概述：

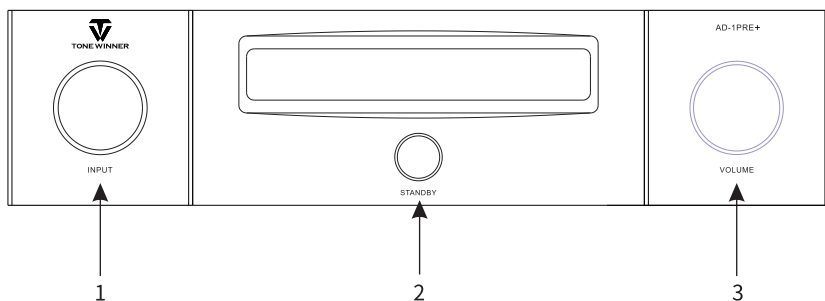
AD-1PRE+是天逸公司最新研发的旗舰级HI-END前级音乐解码放大器；

1. 三路模拟音源输入接口：分别为一路XLR平衡输入，二路RCA非平衡输入；
2. 两路唱机 (PHONO) 输入接口：一路动圈输入 (MC)，一路动磁输入 (MM)；
3. 五路数字音源输入接口：OPT*2、COA*2、USB*1；
4. 模拟输出接口：两组非平衡输出，一组平衡输出；

特点概述：

1. 数字接收芯片采用了性能优秀的CS8416；
2. DAC芯片采用了业界推崇的美国ESS公司的ES9038，该DAC指标很优秀，信噪比高达129dB，失真度低至-120dB；
3. I/V转换电路运放采用了TI公司顶级全差分运放OPA1632，最大限度保证了平衡传输信号的高保真性能指标；
4. 电子音量芯片采用了JRC公司顶级的MUSES72323，失真度、信噪比、分离度等指标都很优秀；
5. 平衡转非平衡电路运放采用了TI公司顶级双极型运放OPA1612，失真度低至0.000015%，噪声密度低至 $1.1\text{nV}/\sqrt{\text{Hz}}$ ；
6. 采用特别设计的发烧模拟电源供电，使音质更加温暖醇厚；
7. 整机外部采用全铝合金阳极氧化拉丝工艺，做工精美，端庄大气；
8. 内部采用分腔分室设计，有效控制各部件之间的相互干扰；
9. 支持多种音频格式：
PC:DSD64-DSD512.DOP64、DOP128、DOP256；
COAX/OPT:PCM44.1-192、DOP64；
手机:配OTG转接头可识别手机音源；

面板简介:



(1) INPUT——输入音源选择旋钮,循环选择输入音源:

OPT1 (光纤输入1) ->OPT2 (光纤输入2) ->USB (USB音源输入) ->CD (CD音源输入)
->AUX (AUX音源输入) ->PH_MM (唱机MM输入) ->XLR (平衡输入)
->COAX1 (同轴输入1) ->COAX2 (同轴输入2);

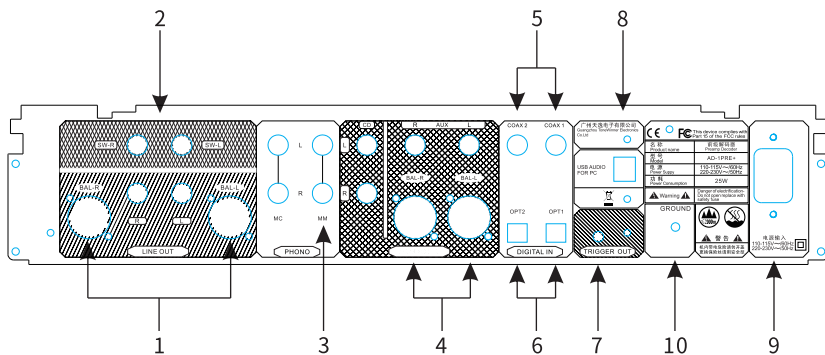
(2) STANDBY——开关机按键-电源指示灯:

工作状态时功放指示灯为蓝色;

待机状态时功放指示灯为红色;

(3) VOLUME——音量调节旋钮,顺时针方向为增加音量,逆时针方向为减小音量;

背板简介:



(1) 音频信号平衡(XLR)输出接口;

(2) 音频信号非平衡(RCA)输出接口两组;

- (3) 两路唱机(PHONO)输入接口:一路动圈(MC)输入,一路动磁(MM)输入,接线时
 请注意接地和区分MC/MM;
- (4) 音频信号平衡输入:XLR输入;非平衡输入:AUX、CD;
- (5) 数字信号同轴输入:COAX1、COAX2输入;
- (6) 数字信号光纤输入:OPT1、OPT2输入;
- (7) TRIGGER:连机触发输出接口(12V);
- (8) USB AUDIO FOR PC:USB音源输入,通过USB线连接至电脑或手机
 播放电脑或手机中的音频;
- (9) 电源输入;
- (10) 唱机接地端;

遥控器简介:

遥控器分为①选项区域,②模拟输入,③数字
 输入④音量四个区域;

如图所示:

选项区域:

【 \mathcal{P} 】:电源开关键:待机状态按该键开机;

【DIM】:调整机器显示屏亮度;

【MUTE】:静音按键;

模拟输入:

【CD】:将当前输入音源切换为CD输入;

【MM/MC】:当前输入音源切换为MM或MC
 (循环按键切换MM/MC);

【AUX】:将当前输入音源切换为AUX输入;

【XLR】:将当前输入音源切换为XLR输入;

数字输入:

【OPT1】:将当前输入音源切换为OPT1输入;

【OPT2】:将当前输入音源切换为OPT2输入;

【CO1】:将当前输入音源切换为COAX1输入;

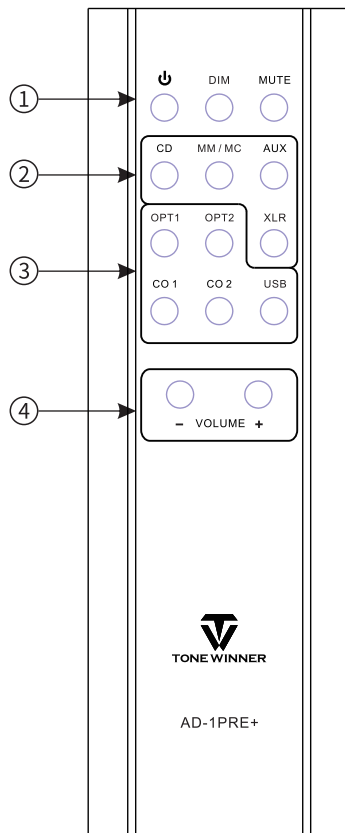
【CO2】:将当前输入音源切换为COAX2输入;

【USB】:将当前输入音源切换为USB输入;

音量:

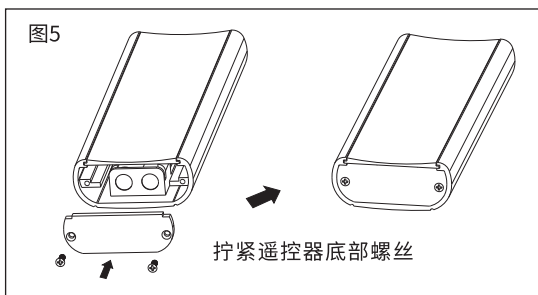
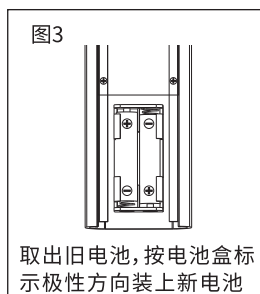
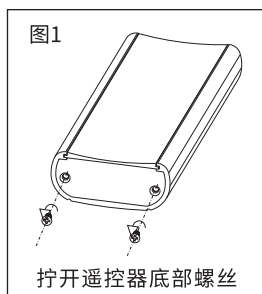
【VOLUME-】:减小音量按键;

【VOLUME+】:增加音量按键;



1. 安装电池时,电池的正负极务必对应,切勿装反方向,以免出现遥控器无效。
2. 新旧电池请勿混用。
3. 长时间不使用本机时,请将电池取出,以避免因电池漏液而造成损坏。
4. 当遥控距离缩短或接收不稳定时应更新电池。
5. 请定期用软布清理遥控器上的红外线二极管及主机上的遥控信号接收窗。
6. 遥控器应避开潮湿、闷热、冲击及震动。

遥控器电池更换:



主要技术指标：

1. 串音(基波) : $\geq 102\text{dB}(1\text{KHz})$
2. 频率响应: $10\text{Hz}\sim 180\text{KHz}(+1/-3\text{dB})$
3. 信噪比: $\geq 110(\text{A计权})$
4. 总谐波失真: $\leq 0.0035\%(1\text{KHz})$
5. 净重: 9.7Kgs
6. 毛重: 12.6Kgs
7. 功耗: 25W
8. 箱体尺寸: $444\times 88\times 390\text{mm}$ (不含机器机脚、旋钮/按钮、背板接线柱)
9. 整机尺寸: $444\times 106\times 424\text{mm}$
10. 包装尺寸: $597\times 532\times 168\text{mm}$
11. 执行标准: $\text{GB/T9254.1}, \text{GB4943.1}, \text{GB17625.1}$

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 $110\text{V}\sim 115\text{V}/60\text{Hz}, 220\sim 230\text{V}/50\text{Hz}$ 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

本机故障的解决方法：

在与维修人员联系之前，请先按照以下表格检查问题的原因：

症状	原因	措施
屏幕无显示	电源线松动	插好电源线
	电源开关没有按下	按下电源开关
无声音输出	音频连接线松动	重新插好连接线
	与机器连接的设备设置不当	正确设置连接设备的音频输入通道
声音输出失真或断续	音频连接线松动	重新插好连接线
遥控器失灵	遥控器没有对准机器遥控接收窗口	将遥控器指向机器使用
	遥控器距离碟机太远	建议在7米之内使用
	遥控器电池耗尽	更换电池
面板按键失灵	电源波动太大或者静电干扰正常操作	关断电源重新开机

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、撕毁机器的条码及序号；
- 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，享受“1元”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。

扫码注册一元延保



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 一元延保

广州天逸电子有限公司

Q Q:800099647

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



Guangzhou Tonewinner Electronics Co., Ltd

Tel: 86-20-34797660/34796146

Web: <http://www.tonewinner.com>

Add: No.1, Hongsheng 3

Road, Dashipanyu, Guangzhou, 511430, China

Specifications:

1. Crosstalk (fundamental wave): $\geq 102\text{dB}$ (1KHz)
2. Frequency response: $10\text{Hz}\sim 180\text{KHz}$ (+1/-3dB)
3. SNR: ≥ 110 (A weighted)
4. THD: $\leq 0.0035\%$ (1KHz)
5. N.W: 9.7KGS
6. G.W: 12.6KGS
7. Power consumption: 25W
8. Cabinet dimensions: $444\times 88\times 390\text{mm}$
(Not include feet, knobs/buttons & rear binding posts)
9. Complete machine: $444\times 106\times 424\text{mm}$
10. dimensions: $597\times 532\times 168\text{mm}$
11. Package dimensions: GB/T9254.1, GB4943.1, GB17625.1

[CO1]: Select the current input source as COAX1 input.

[CO2]: Select the current input source as COAX2 input.

[USB]: Select the current input source as USB input.

Volume:

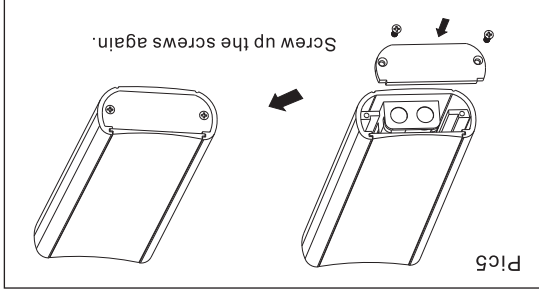
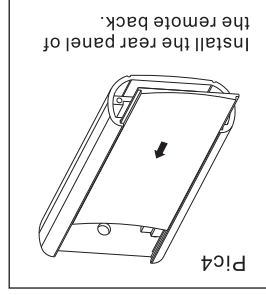
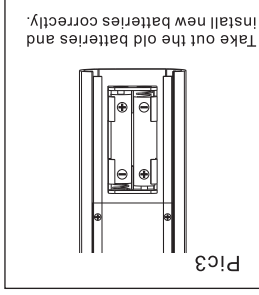
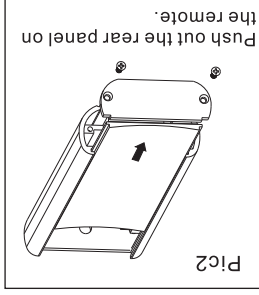
[VOLUME-]: Turn down the volume.

[VOLUME+]: Turn up the volume.

Notes:

1. When installing the battery into the remote, please make sure the batteries are installed correctly.
2. Please don't mix use old & new batteries in the remote.
3. If you didn't need to use the remote for a long time, please take out the batteries.
4. If the receiving distance of the remote is becoming shorter or instable please replace the batteries.
5. Please use soft cloth to clear the IR diode on the remote and the IR receiving window on the machine regularly.
6. Please don't put the remote in a moist and sultry place and avoid shock and vibration.

Remote battery replacement:



- (3) 2 way phono input ports: 1 way moving coil (MC) input, 1 way moving magnet (MM) input, please distinguish them when connecting the cables pay attention to grounding and distinguish between MM and MC.
- (4) Balanced input: XLR input. Unbalanced input: AUX, CD.
- (5) 2 coaxial inputs: COAX1, COAX2 input.
- (6) 2 optical fiber inputs: OPT1, OPT2 input.
- (7) TRIGGER: Trigger output port (12V).
- (8) USB AUDIO FOR PC: USB audio source input, connect to computer or mobile phone via USB cable, & play audio from it.
- (9) AC input.
- (10) Phono ground terminal.

Remote Introduction :

The remote control is divided into four areas: ① option of the remote control are as shown in the figure:

Options area:

[⏻]: Power switch key: Press this key to turn on the power from standby state.

[DIM]: Adjust the brightness of the machine display.

[MUTE]: Mute button.

Analog input:

[CD]: Select the current input audio source as

CD input.

[MM/MC]: The current input source selection is

MM or MC.

[AUX]: Select the current input audio source as

AUX input.

[XLR]: Select the current input source as XLR input.

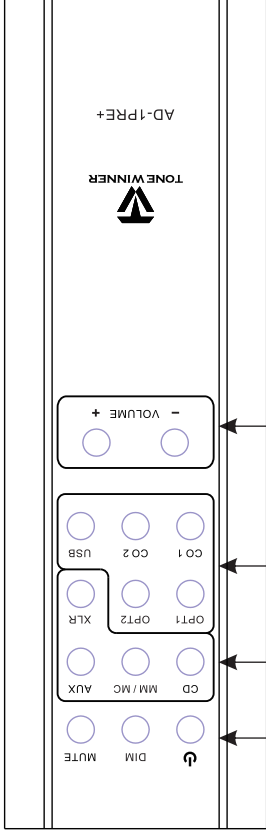
Digital input:

[OPT1]: Select the current input audio source as

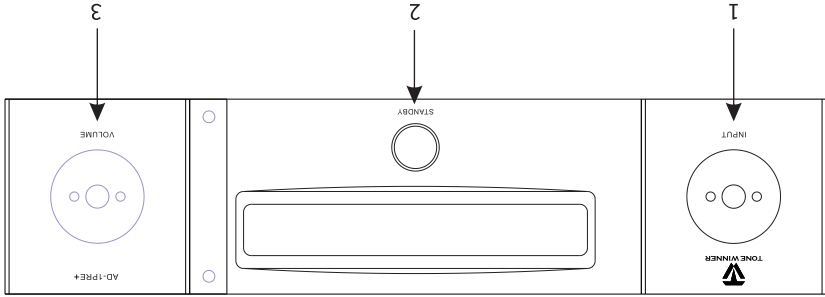
the OPT1 input.

[OPT2]: Select the current input source as the

OPT2 input.



Front Panel:



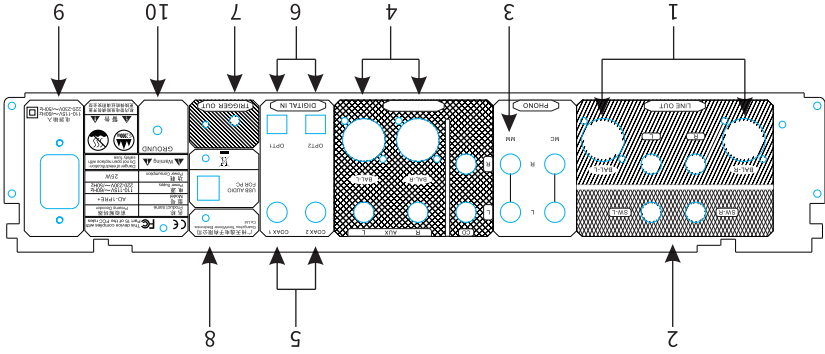
(1) INPUT: Input selection knob, input source sequences are as below:

OPT1(optical input 1)->OPT2(optical input 2)->USB(USB audio input)->CD (CD audio input)->AUX(AUX audio input)->PH_MM(phono MM input)->XLR (balanced input 1)->COAX1 (coaxial input 1)->COAX2 (coaxial input 2).

(2)STANDBY: Work and standby buttons and indicator, blue indicates working red indicates standby.

(3) VOLUME : Volume adjustment knob.

Rear Panel:



(1) Balanced XLR output port.

(2) Unbalanced RCA output port: 2 ways.

Features Overview:

1. The digital receiving chip adopts CS8416 with excellent performance.
2. The DAC chip adopts ES9038Q2M from the ESS company in the United States which is highly regarded in the industry. The DAC's performance is extremely excellent, the signal-to-noise ratio is as high as 129dB, and the distortion is as low as -120dB.
3. The I/V switch circuit op amp adopts TI's top level fully differential op amp OPA1632, which maximizes the high-fidelity performance of the balanced transmission signal.
4. The electronic volume chip adopts JRC's top level chip MUSES72323, and specifications such as distortion, signal-to-noise ratio and separation are extremely excellent.
5. The balanced to unbalanced circuit op amp adopts TI's top bipolar op amp OPA1612, the distortion is as low as 0.00015%, and the noise density is as low as 1.1nV/√Hz.
6. Applies a specially designed audiophile analog power supply to make the sound quality more warm and mellow.
7. The exterior of the whole machine adopts all-aluminum alloy anodic oxidation drawing process, which is exquisite and dignified in workmanship.
8. Applies independent chambers design to control the mutual interference among the components.
9. Support many kinds of audio formats:
USB: DSD64-DSD512, DOP64, DOP128, DOP256.
COAX/OPT: PCM44, 1-192, DOP64.
Smart phone: With OTG adapter, it can recognise the audio source from phone.

Remark:

1. Please read this manual carefully before use.
2. The company reserves the right to interpret the manual.
3. Product appearance, color and pattern are subject to the actual product.
4. Please keep it together with the invoice after reading.
5. In case of product technology or software upgrade, the technology or firmware may be updated without further notice.

Function Overview:

AD-1PRE+ is the latest flagship HI-END music decoding preamplifier developed by Tonewinner.



1. 3 ways analog audio input ports: 2 ways unbalanced input (AUX,CD), 1 way balanced input.

2. 2 ways phono input ports: 1 way moving coil input (MC), 1 way moving magnet input (MM).

3. 5 ways digital audio input ports: OPT1, OPT2, COAX1, COAX2, & USB.

4. Analog output ports: 2 ways unbalanced outputs and 1 way balanced output.

Important protective measures for attention

<ul style="list-style-type: none"> ■ To reduce risk of electric shock, do not remove the outer cover (or back panel). ■ For maintenance, it should be carried out by qualified maintenance people. ■ To avoid fire and electric shock hazards, do not get the unit wet or damp. ■ Safety protection category: Class II 		<div style="border: 1px solid black; padding: 5px;"> <p style="margin: 0;">WARNING</p> <p style="margin: 0; font-size: small;">ELECTRIC DANGER DO NOT OPEN</p> </div>	
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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 protect equipments overturning, do not use force to push 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 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 clean the equipment.

6. Power supply: use the power supply according to indication. Should have reasonable wirings, to avoid damage, do no step. Pay special attention to power plugs, receptacles and connection wirings. 7. Ventilation: the chassis of equipment is designed with venting holes. To ensure reliable performance, please avoid overheating, do not cover the equipment. Do not use the equipment on beds, sofas, carpets etc. Newspapers, tablecloths, curtains, and other objects may block

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8. Heat - to keep products away from heat sources, such as heatinks, stoves, 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 cause fire or electric shock. Do not place the equipment in rain or water splashing place, do not put into water containers, such as vases.

10. Please connect well all input/output wires before power on.
11. Thunder and lightning: unplugging the power cable in thunder and lightning weather, it can effectively prevent lightning impulses to protect the equipment.
12. Protections: ①unplugging the power supply when you do not use the manual for long period. ②Good grounding can prevent the machine from being damaged.

Thank you for choosing Tonewinner brand audio products. We will serve you with "High technology, High quality and High taste" enterprise philosophy, will serve you with exquisite craft, classical circuit, high technologies, first-class quality and first-class services. We will bring all customers with our stable, reliable, durable and pleasant technology achievements!

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- 4. Features Overview 4
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- 8. Specification 8

Part Name		Lead (Pb)	Mercury(Hg)	Cadmium (Cd)	Hexavalent chromium (Cr ⁶⁺)	Polybrominated (PBB)	Biphenyls polyphenyls (PBDE)
Chassis enclosure		○	○	○	○	○	○
Electrical parts		×	○	○	○	○	○
Plastic structural parts		○	○	○	○	○	○
Metal structural parts		○	○	○	×	○	○
Cables		○	○	○	○	○	○
Transformer		○	○	○	○	○	○

Hazardous substances or elements

Marks: "○" means the content of the hazardous toxic substance is lower than SJ/T11363-2006 standard required. "×" means in a homogeneous material of the component, the content of the hazardous toxic substance is higher than SJ/T11363-2006 standard required.

Note: "×" as there are no substitutable substances under the existing technology

Name and content of toxic or hazardous substances or elements in the product

Pollution control labels and its content descriptions

This symbol indicates the product can be recyclable. The number 10 indicates the period of environmental protection. As long as you follow the safety and precautions related to this product, it will not cause environmental pollution or impact on human property within 10 years from the date of manufacture.



Number	Item	Quantity
1	Manual	1 piece
2	Power cord	1 piece
3	Optical Cable	1 piece
4	Data Cable	1 piece
5	Certificate	1 piece
6	Remote Control	1 piece

Product packing list



TONE WINNER

AD-1PRE+ User Manual

