

TY-i60 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	合格证	1张
5	遥控器（含接收头）	1个
6	7号电池	1对
7	折叠天线	1个
8	影音四头线	1条

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。

产品中有害物质的名称及含量

部件名称	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	×	○	○	×	○	○

备注：本表格依据SJ/T11364的规定编制

“○”在该零部件的所有均质材料中的有害物质的含量不超过在GB26572标准规定的限量要求。

“×”在该零部件中至少一种均质材料中的有害物质的含量超过在GB26572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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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。

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。



产品简介：

TY-i60是我司集30多年高保真设计经验及技术沉淀，契合消费者对高品质无损数字音乐的极致追求，鼎力打造的一款Hi-End数字播放器。

本产品集本地播放、网络串流、DAC解码于一体，能对高规格DSD等多种数字音乐进行母带级还原！音色细腻明晰，电路成熟稳定，用料优质精良，品质可靠耐用，耳放功能强大全面，是一款不可多得的高性价比数字音乐播放器。

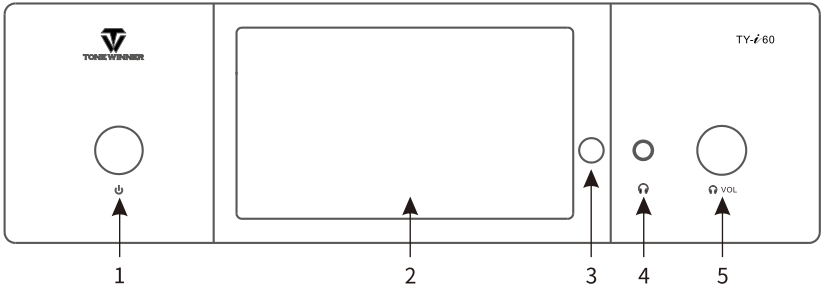
功能概述：

- 支持固态硬盘和移动硬盘、U盘、TF卡本地播放；
- 支持以太网，支持WiFi高速传输，及应用在线下载；
- 支持NFS、SMB两种协议的NAS服务器访问与播放，支持局域网共享音乐播放；
- 支持DSD、WAV、APE、FLAC、M4A、WMA、OGG、CUE、AIFF、ALAC等多种高品质无损音乐格式；
- 支持MQA (Master Quality Authenticated) 解码技术，还原精准的3D录音现场；
- 支持手机APP操控，支持红外遥控，蓝牙遥控；
- 支持机器显示屏触摸控制；
- 支持HDMI连接至大屏电视同步显示；
- 支持扫描本地歌曲，根据专辑、歌手、风格等进行分类，可建立个人收藏文件夹，对海量音乐进行管理；
- 支持系统在线升级与USB升级；
- 3.5mm高保真耳放输出口一组。

特点概述：

- 采用业界备受推崇的ES9038芯片，搭载高性能USB解码芯片XMOS 316，最高支持DSD512音乐格式解码，使机器拥有母带级的音效还原；
- 采用安卓系统，搭载高性能RK3568芯片，四核处理器，4G运行内存+64G闪存，高速运行，毫无压力；
- 5英寸高清触控屏，精确灵敏，歌曲信息一目了然；
- 本地播放接口：内置M.2 SSD硬盘插槽，2路USB3.0接口，1路Micro SD Card(TF卡)接口，支持M.2 SSD硬盘、移动硬盘、U盘、TF卡读取与播放；
- 支持RJ45网络接口，支持无线WiFi连接；
- 数字音频输出接口：1路同轴、1路光纤；
- 模拟音频输出接口：1组RCA、1组XLR；
- 支持HDMI高清视频输出，机器屏幕菜单与OSD菜单同步显示，操控更便捷；
- 支持12V触发电平输出，可联动后端设备同步开关机；
- Link端口支持串行通信。

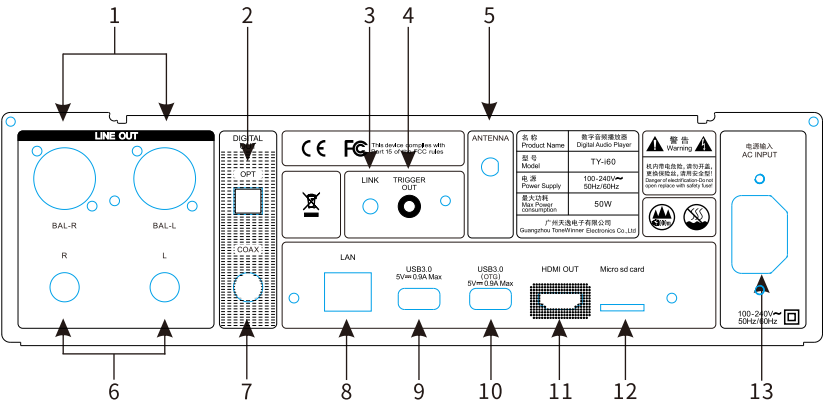
面板简介：



- (1).STANDBY——开关机按键-电源指示灯：
工作状态时播放器指示灯为蓝色；
待机状态时播放器指示灯为红色；

- (2).触摸控制显示屏；
- (3).红外线接收口；
- (4).耳放输出接口；
- (5).耳放音量旋钮
可调节耳放音量大小。

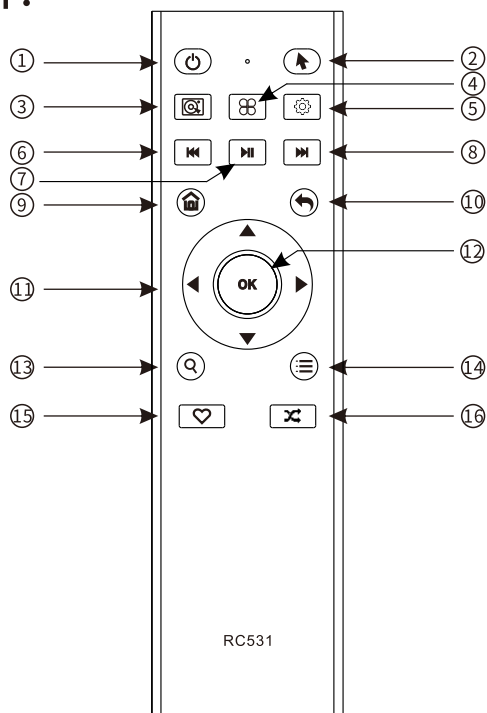
背板简介：



- (1).模拟XLR平衡输出；
- (2).OPT:数字信号光纤输出；
- (3).LINK:串行通信口(接入后端机器进行通信)；
- (4).TRIGGER OUT触发输出端口:12V的触发电平输出,用于触发其它相应的配套设备开机；
- (5).ANTENNA:天线；
- (6).模拟RCA输出；

- (7).COAX: 数字信号同轴输出;
- (8).LAN: 以太网接口;
- (9).USB接口,可接驳U盘、移动硬盘等;
- (10).USB接口,可接驳U盘、移动硬盘等;此接口还可拓展OTG功能;
- (11).HDMI:HDMI OUT输出口 (用于大屏显示);
- (12).Micro sd Card (TF卡)接口;
- (13).电源输入。

遥控器简介:



- (1)." "电源开关键:待机状态按该键开机;
- (2)." "飞鼠快捷键:按下该键屏幕出现鼠标符号,再按一下隐藏符号,通过遥控器上下左右轻微晃动移动鼠标位置并进行操作
(使用蓝牙遥控时,需在本机USB接口安装接收器);
- (3)." "硬盘按键(本地固态硬盘):按下后进入硬盘界面;
- (4)." "应用按键:按下后进入应用界面;
- (5)." "设置按键:按下后进入设置界面;
- (6)." "快退/上一曲按键:快速按下时此键功能为上一曲,长按时此键功能为快退;
- (7)." "播放/暂停按键;

- (8). "⏮"快进/下一曲按键:快速按下时此键功能为下一曲,长按时此键功能为快进;
- (9). "⏪"主页按键;
- (10). "⏩"返回键;
- (11). "▲,▼,◀,▶"方向键;
- (12). "OK"确认按键;
- (13). "🔍"搜索按键;
- (14). "☰"播放列表按键;
- (15). "❤️"收藏列表按键;
- (16). "🔄"播放模式切换按键。

遥控器注意事项:

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. 遥控器应避免开潮湿、闷热、冲击及震动。

首次开机界面:

1. 设置语言种类选择:中文/English

(开机首次使用会提示选择您需要的语言,后续开机不会再提示)。



2. 屏幕显示设置Wi-Fi选择(可跳过):

选择您需要连接的Wi-Fi或跳过该选项。



功能介绍:

1. 进入主页:

选择您需要进入的选项,点击歌曲进入播放页面,或进行简易操作(上一曲、播放暂停、下一曲);选择对应功能区域进入对应功能页面进行操作:硬盘(固态硬盘)-U盘-TF卡-NAS-Roon-分类-收藏-应用-搜索-设置。



2. 硬盘(需自备固态硬盘)

- 进入硬盘页面,选择对应文件对应歌曲进行播放;
- 上面横向列表展示目录访问层级,单击可直接回到当前目录下列表;
按返回键回到上一级目录;
- 下面列表展示歌曲与文件夹列表;单击目录条目进入相应目录列表;
- 长按条目可删除列表,单击歌曲条目后面MENU按钮后弹出显示歌曲信息的窗口,
在弹出窗口后可将歌曲添加到收藏,添加到当前播放队列中。



3. U盘(U盘/移动硬盘显示在此列表)

- 进入U盘页面,选择对应歌曲进行播放;
- 上面横向列表展示目录访问层级,单击可直接回到当前目录下列表;按返回键回到上一级目录;
- 下面列表展示歌曲与文件夹列表;单击目录条目进入相应目录列表;
- 长按条目可删除列表,单击歌曲条目后面MENU按钮后弹出显示歌曲信息的窗口,
在弹出窗口后可将歌曲添加到收藏,添加到当前播放队列中。



4. TF卡

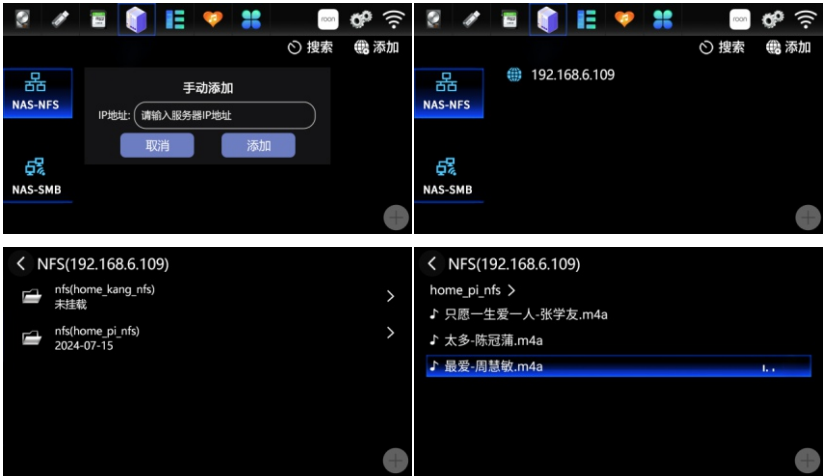
- 进入TF卡页面,选择对应歌曲进行播放;
- 上面横向列表展示目录访问层级,单击可直接回到当前目录下列表;按返回键回到上一级目录;
- 下面列表展示歌曲与文件夹列表;单击目录条目进入相应目录列表;
- 长按条目可删除列表,单击歌曲条目后面MENU按钮后弹出显示歌曲信息的窗口,
在弹出窗口后可将歌曲添加到收藏,添加到当前播放队列中。



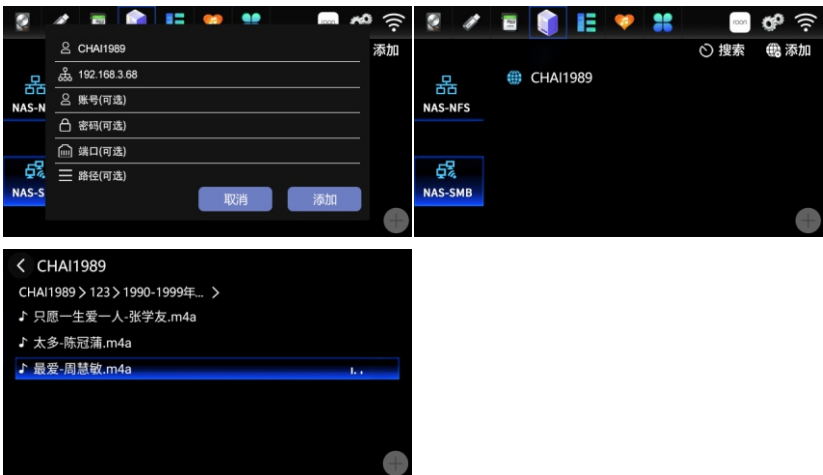
5. NAS

- 进入NAS页面(需自行准备NAS服务器/电脑连接使用)；
- 有NFS、SMB两种协议的NAS服务器可以访问，其中NFS无需输入账号和密码即可访问(根据需要自行选择)；
- 单击右上角“添加”可手动添加服务器，根据服务器需求，填写相应的名称，IP地址，如需账号与密码请填写相应账号与密码信息；
- 当有访问记录时，只需要点击上次访问的服务器就可以以文件夹的方式浏览与播放服务器歌曲。

(1). NAS-NFS

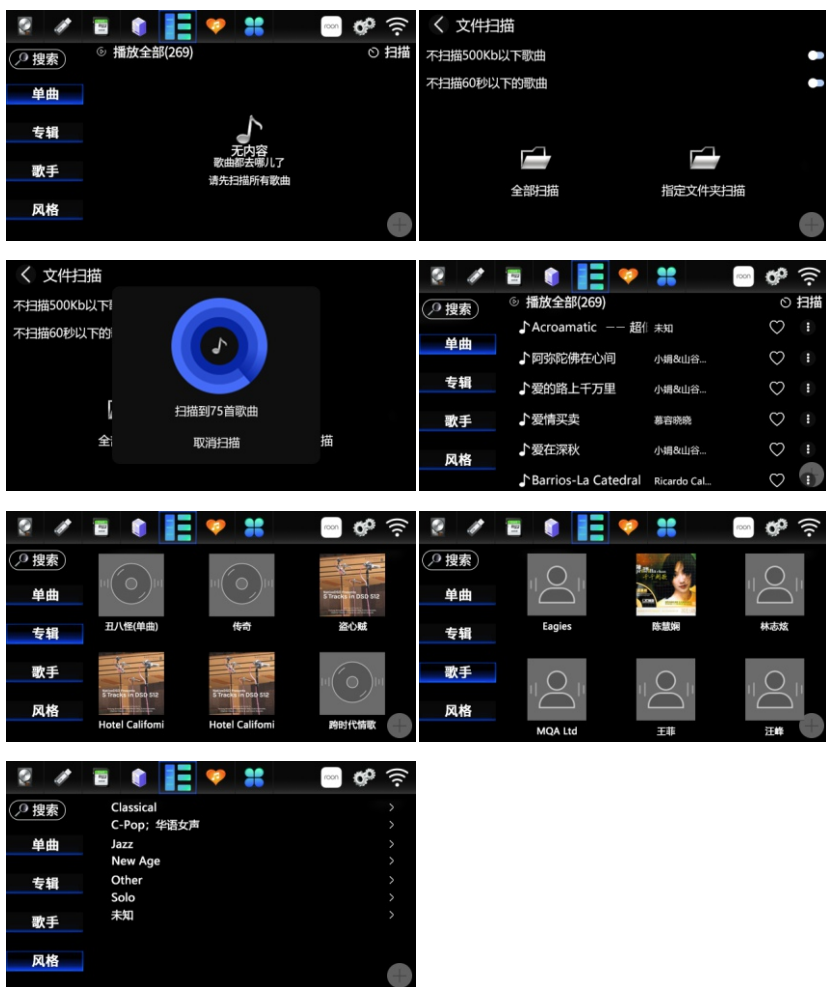


(2). NAS-SMB



6. 分类

- 进入分类页面,首次进入需先扫描本地歌曲,有全部扫描和指定文件夹扫描(按需求自行选择),扫描结束后有4个分类列表可选择(单曲-专辑-歌手-风格)进入对应列表进行播放歌曲;
- 单曲页面展示本地扫描到的所有歌曲;
- 专辑页面展示本地歌曲根据专辑进行分类,单击条目进入相应专辑的歌曲列表页面;
- 歌手页面展示本地歌曲根据歌手进行分类,单击条目进入相应歌手的歌曲列表页面;
- 风格界面展示本地歌曲根据风格进行分类,单击条目进入相应风格的歌曲列表页面。



7. 收藏

- 进入收藏页面,选择对应歌曲进行播放;
(需要有硬盘、U盘或TF卡,并且对里面的歌曲进行收藏后才会在此功能列表显示歌曲)



8. 应用

- 进入应用页面,显示安装的第三方应用,进入对应APP使用;
(可通过当贝市场安装应用,只针对国内)



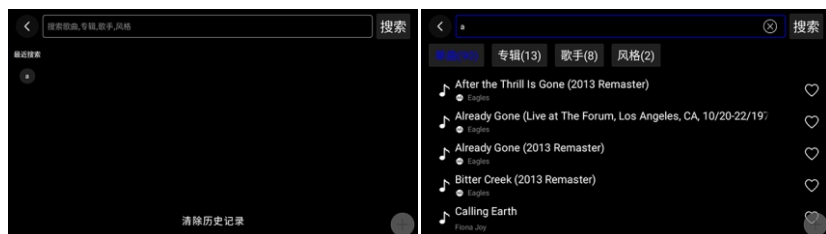
9. Roon

- 进入Roon页面(需自行购买Roon账号);
- 进入后Roon Core可以通过局域网发现设备;
- 播放可展示歌曲信息,并进行播放控制。



10. 搜索(支持硬盘、U盘、TF卡)

- 进入搜索页面,输入想要找到的歌曲、专辑、歌手、风格后进行播放、收藏。
(需先扫描歌曲)



11. 歌曲播放页面

- 进入播放功能页面；
- 底部按钮从左到右分别为:收藏、播放模式、上一首、播放/暂停、下一首、歌曲信息、播放列表；
- 播放模式:列表循环、顺序播放、随机播放、单曲循环；
- 点击"❤️"按钮可将歌曲添加到收藏列表；
- 点击"⋮"按钮可以展示歌曲的基本信息；
- 点击"📑"按钮可展示当前播放列表。

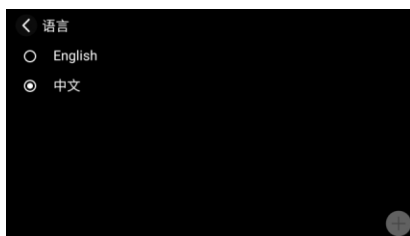


设置：



设置页面

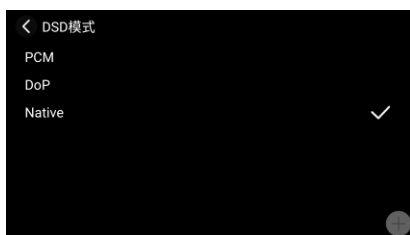
设置页面



语言设置
支持中文与English

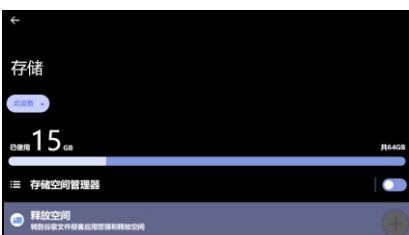


网络连接

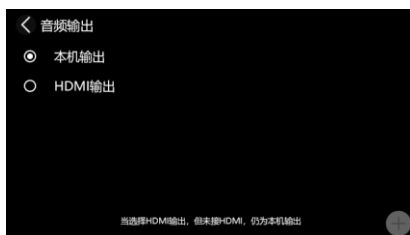


DSD输出设置

(PCM模式是各种格式都可用；
DoP模式适合DSD 64格式，仅支持光纤、同轴；
Native模式适合DSD 64到DSD 512格式，仅支持模拟输出)

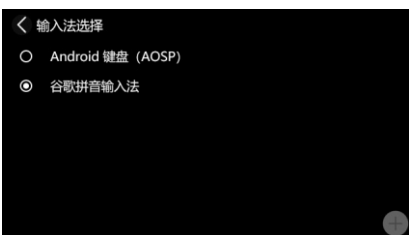


存储



音频输出选择

(本机输出是通过模拟或数字信号输出到后端设备；
HDMI输出是通过HDMI端口把声音和画面传到后端设备)

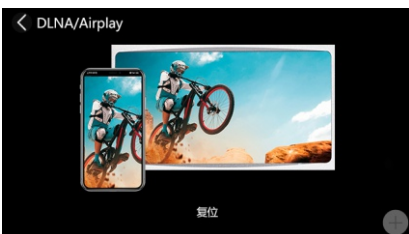


输入法选择



USB-OTG端口

(选到PC文件传输时，靠近HDMI的USB接口
可以连接电脑当外接存储设备；
选到外接存储设备时，靠近HDMI的USB接口就是正常接口)



DLNA/Airplay

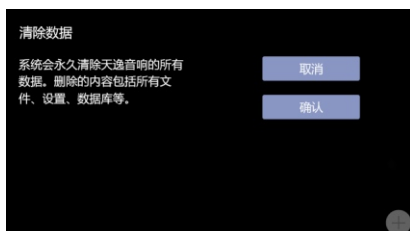
(手机里的内容可以投放到电视上)



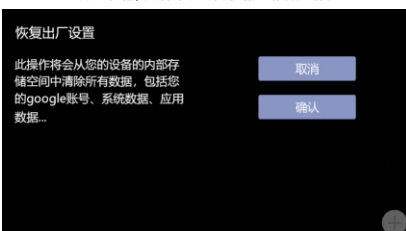
软件版本
(系统升级与本地播放器升级)



Samba服务
(在同一-WIFI下, 在电脑或者手机上可以通过访问网址
连接机器, 然后可以访问机器的存储文件)



清除数据



恢复出厂设置



关于本机



MCU版本信息

手机APP:

为了您更好的体验本机我们特别精心研制了与本机配套的手机APP做为无线控制, 您可以通过手机完成操作。如果您是初次使用APP控制本机, 需要执行步骤(1)、(2)、(3), 后续只需执行步骤(3)即可:

- (1) 让本机处于正常工作状态;
- (2) 可以通过天逸公众号或官网服务与支持里的二维码, 扫描下载APP软件并完成安装;
- (3) 手机与机器需要连接同一WiFi

在同一-WiFi下可以通过手机APP控制机器;

- (4) 更多APP使用操作详情请参考天逸官方网站

本产品下的服务与支持相关内容。

***本产品规格若有变动, 恕不另行通知。**



扫码下载APP

主要技术指标：

- 1.频率响应:20Hz-20KHz($\pm 0.5\text{dB}$)
- 2.信噪比: $\geq 115\text{dB}$ (A计权, BAL out)
- 3.失真度:THD $< 0.0006\%$ (1KHz, BAL out)
- 4.输出电平:2Vrms $\pm 1.5\text{dB}$
- 5.分离度: $> 115\text{dB}$ (BAL out)
- 6.最大功耗:50W
- 7.待机功耗:0.5W
- 8.净重:约2.7Kg
- 9.毛重:约3.4Kg
- 10.机箱尺寸:300 $\times$ 255 $\times$ 88mm(不含机器机脚、旋钮/按钮、背板接线柱)
- 11.整机外形尺寸:300 $\times$ 283 $\times$ 101mm(含机器机脚、旋钮/按钮、背板接线柱)
- 12.包装尺寸:387 $\times$ 326 $\times$ 127mm
- 13.执行标准:GB/T9254.1,GB4943.1,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100-240V~ 50Hz/60Hz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	重新插好连接线或重启机器
	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或重启机器
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
	遥控器距离播放器太远	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
本地播放异常	缓存数据异常	设置-清除缓存数据
播放时无声音	输出格式不支持	1.确认是否是DSD歌曲 2.确认DSD输出格式 3.DSD native 仅支持模拟输出 4.DSD DOP（光纤、同轴）仅支持DSD64格式
APP无法连接	手机与机器是否联的同一WIFI	请连接同一个WIFI

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“新三包”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，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



Guangzhou ToneWinner Electronics Co., Ltd

Tel.: 86-020-34797660/34796146

Web: en.tonewinner.com

Address: NO.1, Hongsheng 3rd Road, Dashi Street,

Panyu District, Guangzhou, 511430, China

Problem Shooting

If a problem should arise, first check the following:

- Are the connections correct?
- Is the unit being operated as described in the user manual?
- Are the other devices operating properly?

If this unit does not operate properly, check the corresponding symptoms in this section. If the symptoms do not match, disconnect the power immediately and contact the dealer or store where you purchased this unit.

Problem	Reason	Solution
No display on the screen.	The power cord is connected loosely.	Connect the power cord correctly.
	The unit is not ON.	Press the power button.
No sound output.	The audio cables are connected loosely.	Disconnect the audio cables and connect them correctly.
	Incorrect settings of the connected devices.	Select and set the audio input channels of the connected devices. Reboot the unit if needed
	The audio cables are connected loosely.	Disconnect the audio cables and correctly connect them again.
	Remote control is blocked or not aimed correctly.	Clear the block or aim it to the IR receiving window. Use the remote control within 7 meters.
Remote control does not work.	The battery has run down.	Change the batteries.
	The current flows too much or the static electricity interrupts the normal working.	Power off the unit and power on it again.
	Local play error	Data error Settings--clear data.
No audio output when playing.	Do not support the audio formats.	Make sure it's DSD song and format.
		DSD native only supports analog output.
		DSD DOP (except analog output) only supports DSD64.

Specification

- 1. Frequency response: 20Hz-20kHz(±0.5dB)
- 2. S/N: ≥115dB(A weighted,BAL out)
- 3. THD: THD<0.0006%(1kHz,BAL out)
- 4. Output level: 2Vrms±1.5dB
- 5. Crosstalk: > 115dB (BAL out)
- 6. Max power consumption: 50W
- 7. Standby consumption: 0.5W
- 8. Net weight: 2.7kg
- 9. Gross weight: 3.4kg
- 10. Unit dimensions: 300x283x101mm(WxDxH)
- 11. Package dimensions:387x326x127mm(WxDxH)
- 12. Executive standard: GB/T9254.1, GB4943.1, GB17625.1

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 II; upon installation, the power plug should be connected to 100-240V~50HZ/60HZ 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.

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

Mobile Phone APP

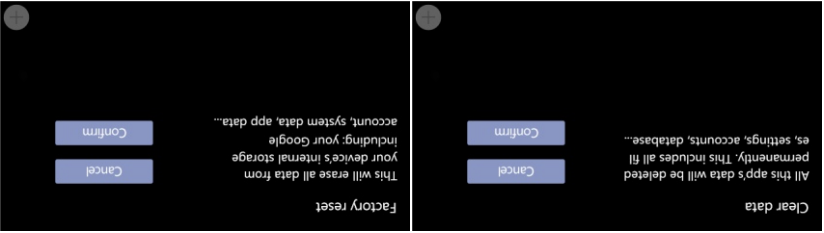
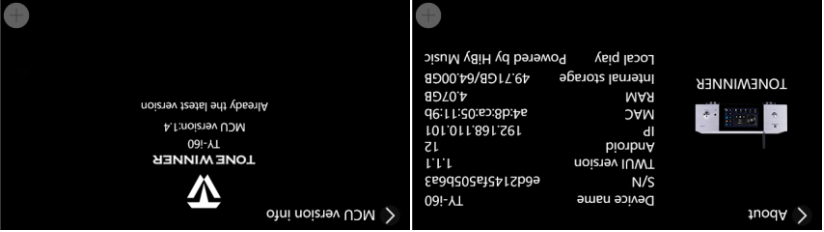
For better user experience, Tonewinner has developed its own mobile phone App. Please follow the steps to download and install the App.

- (1) Keep your mobile phone on normal working status with internet access.
- (2) Scan the QR code to download the App and install it.

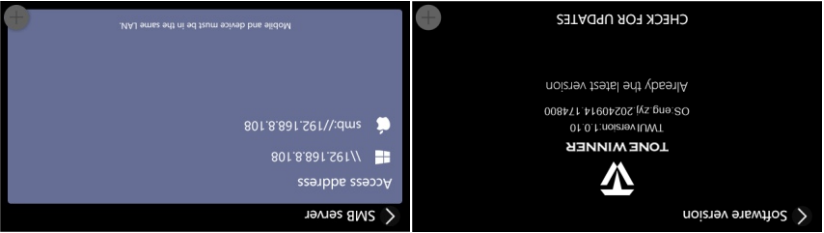
For Android system, please go to Google Play App and search "Tonewinner" to download and install the App (the black one). For iOS system, please go to Apple Store App and search "Tonewinner" to download and install the App (the black one).

- (3) The mobile phone and the machine need to be connected to the same WiFi, and the machine can be controlled through the mobile app on the same WiFi.

- (4) You can finish the operations and switches on your mobile phone.



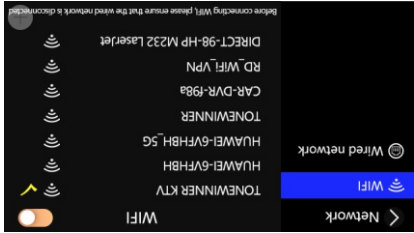
Software version



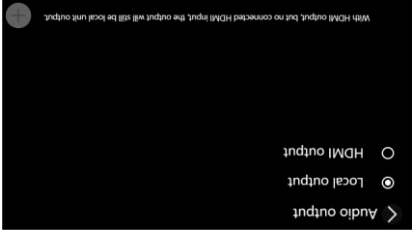
(system upgrade and local player upgrade)
(When in the same LAN network, you can connect the device on PC or phone with access address, then you can access the files on the device.)



Language Chinese & English

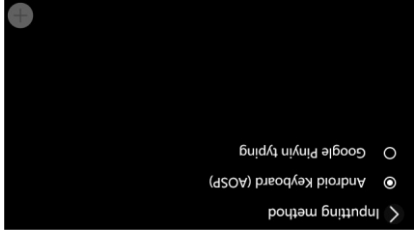


(PCM mode is for every different formats. DSD mode is for DSD64 formats, only for optical and coaxial. Native mode for DSD64 - DSD128 formats, only for analog output.)



Audio output selection

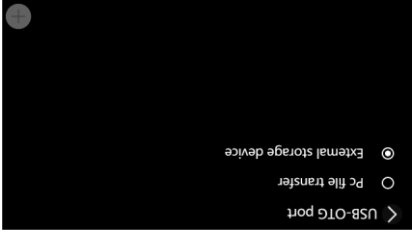
(The output of this unit is, it output to back-end equipment by analogor digital signal. HDMI output send audio and video to back-end equipment by HDMI port.)



Inputting method



DLNA/Airplay

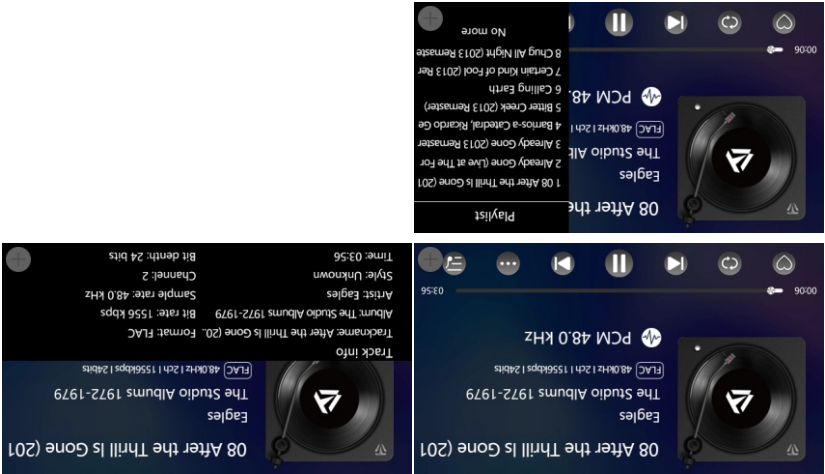


USB-OTG port

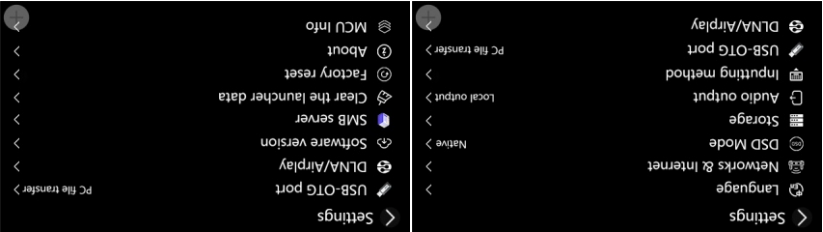
(When select PC file transfer, the USB port near HDMI port can connect computer as external device.
When select external device, the USB port near HDMI port is anormal working USB port.)

(Contents from mobile phone can show up to TV)

- 11. Play song interface**
- (1) Go to play function page.
 - (2) Icons from left to right in bottom are: favorite, play modes, last song, play/pause, next song, song info, playlist.
 - (3) Play modes: List loop, sequential play, random play, single loop.
 - (4) Press icon “”, can add a song to favorite.
 - (5) Press icon “”, can show detail song information.
 - (6) Press icon “”, can show the current playing list.

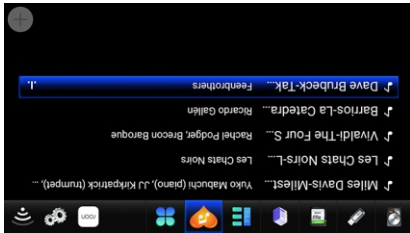


Settings



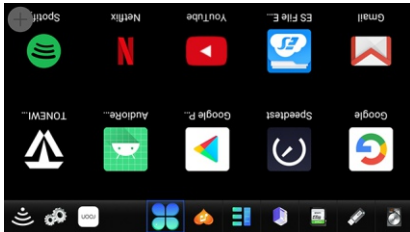
7. Favorite

Go to Favorite interface and select corresponding songs to play.
(Need hard disk, U disk or TF card, and add favorite for the songs before they can show up on this list)



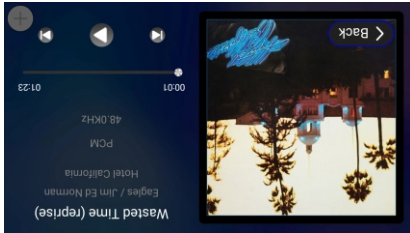
8. APP

Go to APP interface, it shows the installed App, click to use the APP.
(Applications can be installed through Dangbei Market, only for domestic market.)



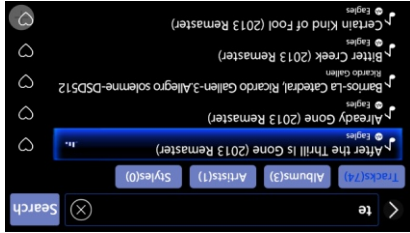
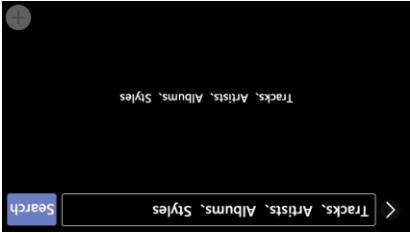
9. ROOM

(1) Go to Room interface (need to buy Room account by yourself)
(2) Go to Room Core, you can find device by LAN.
(3) Play the display songs, can do play controls.



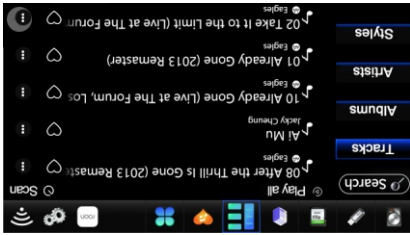
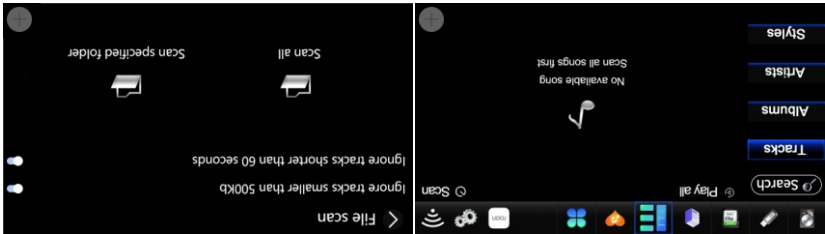
10. Search (support hard disk, U disk or TF card)

Go to search interface, input songs, album, singer or style you want to search, then play it or add favorite.(scan the song list first)



6. Category

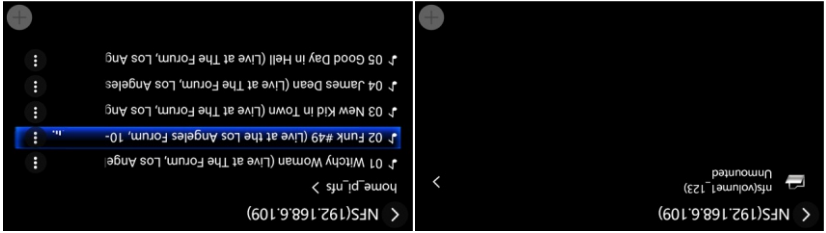
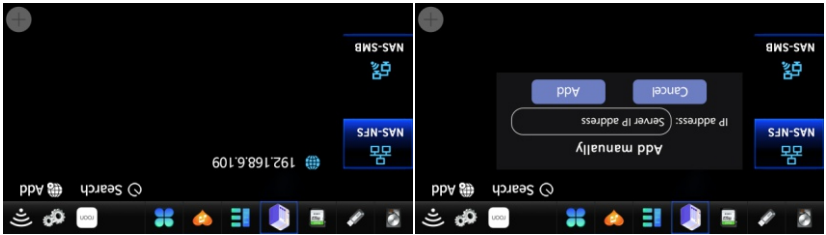
- (1) Enter the category page, you need to scan local songs for the first time. You can select ALL scanning or specified folder scanning. After the scanning is finished, you can choose 4 categories (single - album - singer - style) to enter the corresponding list to play songs.
- (2) The Singles page displays all locally scanned songs.
- (3) The Album page displays local songs according to the album classification, click the entry to enter the corresponding album song list page.
- (4) The Singer page displays local songs according to the artist classification, click the entry to enter the corresponding artist song list page.
- (5) The Style page displays local songs according to the style classification, click the entry to enter the corresponding style song list page.



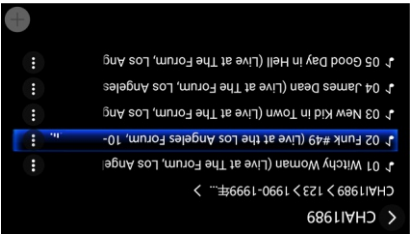
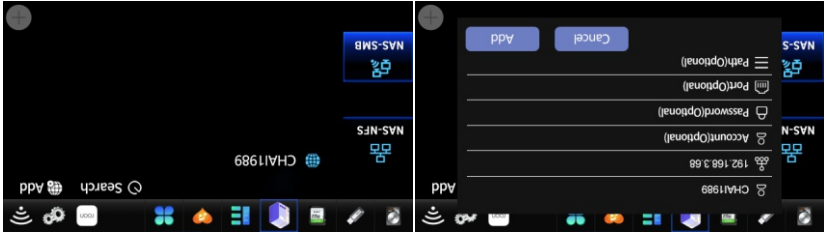
5. NAS

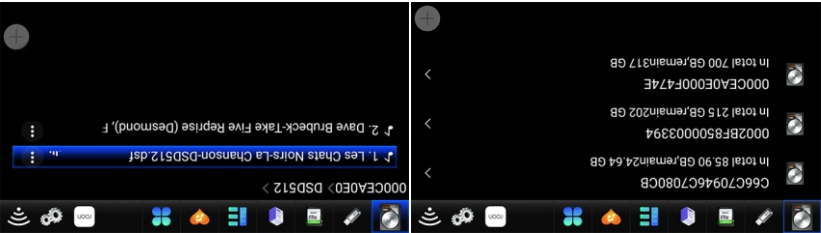
- (1) Go to the NAS page (you need to prepare NAS server/computer connection by yourself).
- (2) NAS servers with NFS or SMB protocols can be accessed. NFS can be accessed without entering an account and password (select as required).
- (3) Click Add in the upper right corner to add a server manually. Enter the server name and IP address according to the server requirements. If you need an account and password, enter the corresponding account and password.
- (4) When there is a history of access, you only need to click on the last visited server to browse and play server songs as a folder.

(1) NAS-NFS



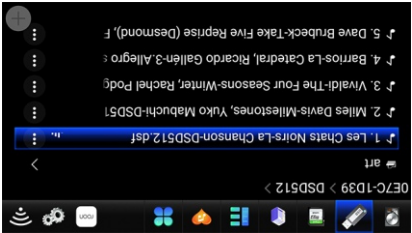
(2) NAS-SMB





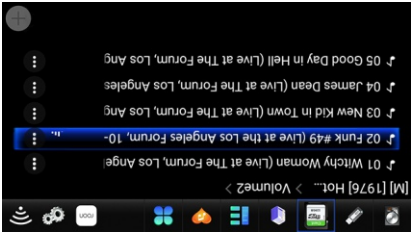
3. U disk

- (1) Go into U disk interface, select corresponding files and songs to play.
- (2) The icons on horizontal top show the directory access levels. Single press can go into its interface, press Return can go back to upper level directory.
- (3) The following list for songs and files. Single press the directory go into the corresponding directory list.
- (4) Long press can delete the list. Single press the Menu button behind the song can pop up a window display song information. After the pop-up window, you can add the song to your favorites so it is on your playing list.



4. TF card

- (1) Go into TF card interface, select corresponding files and songs to play.
- (2) The icons on horizontal top show the directory access levels. Single press can go into its interface, press Return can go back to upper level directory.
- (3) The following list for songs and files. Single press the directory go into the corresponding directory list.
- (4) Long press can delete the list. Single press the Menu button behind the song can pop up a window display song information. After the pop-up window, you can add the song to your favorites so it is on your playing list.



First turn on interface

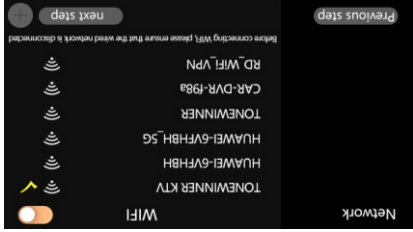
1. Choose your language

Choose your language when you power on the unit for the first time.



2. Choose your network

Choose your WiFi network or skip this step.



Function Introduction

1. HOME page

Touch the song to enter music play page. Touch "M" or "H" to play the last or next song. Touch "II" to play or pause the song. Touch the bottom and right icons to enter different item pages including Hard disk, U disk, TF card, NAS, Room, Category, Favorite, App, Search and Settings.



2. Hard disk (please prepare a hard disk by yourself)

- (1) Go into hard disk interface, select corresponding files and songs to play.
- (2) The icons on horizontal top show the directory access levels. Single press can go back to upper level directory.
- (3) The following list for songs and files. Single press the directory go into the corresponding directory list.
- (4) Long press can delete the list. Single press the Menu button behind the song can pop up a window display song information. After the pop-up window, you can add the song to your favorites so it is on your playing list.

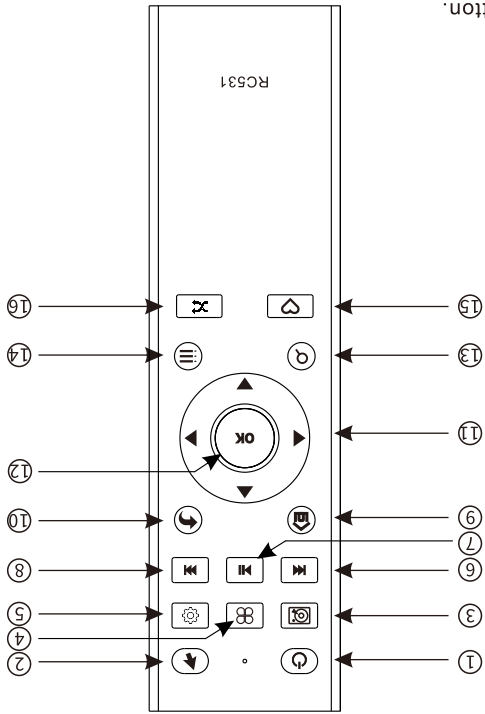
Notices for remote control

1. Please make sure to put the positive and negative ends of batteries correctly.
2. Please don't mix-use old & new batteries.
3. Please take out all batteries if the remote is not in use for a long time to avoid damage caused by battery leakage.
4. Please replace the batteries when the effective range of the remote is reducing or the signal transmission is not stable.
5. Please use soft cloth to regularly clear the IR diode on the remote and the remote control sensor on the front panel.
6. Please don't put the remote in a moist or sultry place and avoid hitting and shaking.

7. "⏮" Play/Pause icon.
8. "⏮" Fast forward/Next song icon: Press it once quickly for Next song. Long press it for Fast forward.
9. "🏠" Home page icon.
10. "↶" Return icon.
11. "⏮, ⏭, ⏭, ⏮" Direction icon.
12. "OK" Confirm icon.
13. "🔍" Search icon.
14. "≡" Playlist icon.
15. "♡" May Favorite icon.
16. "⏻" Playing mode switch icon.

Remote Control

- 6. Analog RCA output.
- 7. COAX digital signal coaxial output.
- 8. LAN: Internet port.
- 9. USB3.0 port for U disk, hard disk.
- 10. USB3.0 port for U disk, hard disk, this port can extend OTG function.
- 10. HDMI output port.
- 11. Micro SD card (TF) card port.
- 12. AC input/Power.

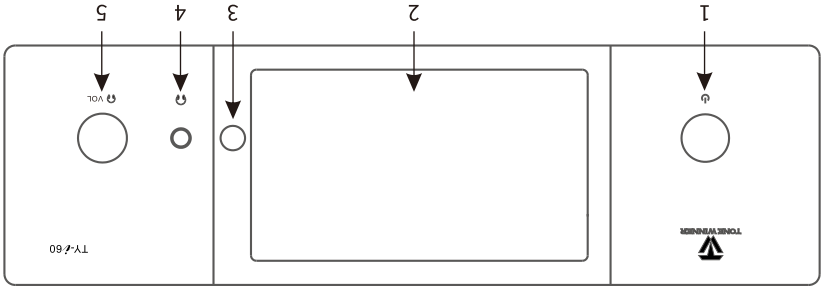


- 1. "P" Power button.
- 2. "M" Mouse key: press this key and it will show up this icon on display screen. press again to shield the icon. Slightly waggle or move the remote to top, down, left, right sides for controlling.

(To use Bluetooth remote control, need to install a receiver on the USB port.)

- 3. "C" Hard disk icon: for local hard-disk. Press it into hard-disk interface.
- 4. "A" Application icon: Press it to application interface.
- 5. "S" Setting icon: Press it to setting interface.
- 6. "F" Fast backward/Last song icon: Press it once quickly for Last song. Long press it for Fast backward.

Front Panel



1. STANDBY-----ON/OFF, power indicator

Blue light is for normal working.

Red light is for standby mode.

2. Touching control screen.

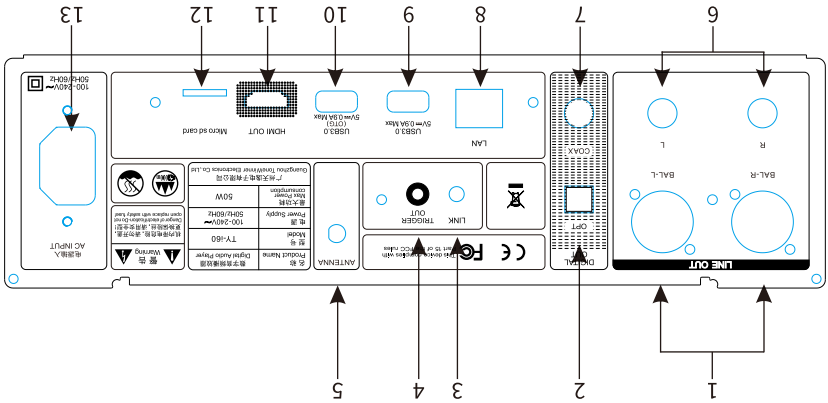
3. IR remote receiver.

4. Headphone output.

5. Headphone volume control knob.

It can adjust volume for headphone amplifier.

Rear Panel



1. Analog XLR balance output.

2. OPT digital signal output.

3. LINK port, for serial communication to connected devices.

4. TRIGGER OUT: 12V trigger level output to trigger turn on other relate device.

5. ANTENNA.

Brief Introduction

TY-i60 is a Hi-End digital player designed by Tonewinner, with more than 30 years of audio technical experience, it meet the needs of consumers' ultimate pursuit of high-quality lossless digital music. This player integrated with local playback, network streaming and DAC decoding, it can restore different kinds of digital music such as high specification DSD to original sound level! The sound quality is delicate and clear, the circuit is mature and stable, material quality is reliable and durable, the headphone amplifier is powerful and comprehensive. It is aextremely cost-effective digital music player.

Brief Functions

1. Support local play including hard disk, U disk, TF card.
2. Support Ethernet, WIFI high speed transmission, online App download.
3. Support two protocols of NFS and SMB's NAS server access and play.
4. Support multiple music formats including DSD, WAV, APE, FLAC, M4A, WMA, OGG, CUE, AIFF, ALAC etc.
5. Support MQA(Master Quality Authenticated)decoding technologies.
6. Support mobile phone App control and IR remote control, Support bluetooth remote.
7. Support front panel touch screen control.
8. Support television synchronic-display via HDMI connection.
9. Support local music scanning and classification, including file category for different albums, Artists and Styles, My Favorite folder, etc.
10. Support online firmware upgrade and USB firmware upgrade.
11. One 3.55 Hi-Fi headphone output jack.

Main Features

1. ES9038 D/A converter and XMOS 316 USB decoding chip work together to support decoding up to DSD512 and recover music to original sound.
2. Android system works with RK3568 quad-core application processor and 4GRAM+ 64G ROM for high speed running.
3. 5 inches HD touch screen for clear display and sensitive reaction.
4. Jacks for local play: built-in M.2 SSD hard disk jack, 2 way USB 3.0, and Micro SD card TF card jacks.
5. 1 way RJ45 network jack for WIFI wireless connection.
6. Digital audio outputs: 1 way coaxial, 1 way optical.
7. Analog audio outputs: 1 way RCA, 1 way XLR.
8. 1 way HDMI output, synchronic display for front panel screen and on-screen display.
9. Support 12V trigger output to synchronously power on the connected devices.
10. The Link supports serial communication.

13. Maintenance: do not open the cabinet without professional instruction to avoid electric shock. 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 use 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.



Important Protective Measures for Attention



WARNING

ELECTRIC DANGER DO NOT OPEN

To reduce risk of electric shock, do not remove the outer cover (or rear 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.

Equipment safety standard : Class II

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.

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

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!

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Notice

1. Read the user manual carefully before you use the product.
2. Design, color and images will be dependent on the actual product.
3. The product or software might upgrade slightly without further notice.



TONE WINNER

Packing List

Number	Item	Quantity
1	User manual	1 pcs
2	Power cord	1 pcs
3	Optical cable	1 pcs
4	Certificate of qualification	1 pcs
5	Remote control	1 pcs
6	foldable antenna cable	1 pcs
7	Audio RCA able	1 pcs

Pollution Control Sign and Content Description

The symbol indicates that the product can be reused. The figure indicates the term of service of environmental protection. The product will not cause environmental pollution or affect human body and property within the term of service expressed by the figure since the date of manufacture as long as the safety and operating precautions on the product are obeyed.



Names and Contents of Hazardous Substances in the Product

Name of Parts	Harmful Substance or Element					
	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent chromium (Cr) 6+	Polybrominated (PBB)	Biphenyls polypheyls (PBDE)
Body/Box	○	○	○	○	○	○
Equipped Baseplate/ Electrical Part	×	○	○	○	○	○
Plastic Structural Member	○	○	○	○	○	○
Metallic Structural Member	○	○	○	×	○	○
Cable	○	○	○	○	○	○
Transformer	○	○	○	○	○	○
Loudsp-eaker/ Microphone	×	○	○	×	○	○

Note: This table is prepared in accordance with the provisions of SJ/T11364. "○" indicates that the content of hazardous substances in all homogeneous materials of the component does not exceed the limit requirements specified in the GB26572 standard. "×" indicates that the content of hazardous substances in at least one homogeneous material of the component exceeds the limit requirements specified in the GB26572 standard. Note: "×" means that there is no alternative substance available with the existing technology.

ISO9001 Certified Enterprise

TY-i60 User Manual

