

TAKSTAR® 得胜

EKC-7HD

家庭影院7.1 K歌系统一体机

7.1CH Home Theater / Karaoke
Integrated Amplifier



使用说明
User Manual

EKC-7HD 家庭影院7.1 K歌系统一体机

■ 前言

尊敬的用户：

感谢您选购得胜EKC-7HD家庭影院7.1 K歌系统一体机，为了您能够更好的了解使用本产品，建议您在使用前仔细阅读本说明书。

若存在有疑问或者您有宝贵的建议，可通过拨打得胜官方服务热线400 6828 333或微信扫描二维码关注得胜官方公众号与我们联系。



■ 产品特性

- 独立7.1声道，音效强劲真实，逼真的效果和临场感，不管是唱歌还是看电影，随时享受上佳的观感体验。
- 支持DoLby-HD、DTS-HD及以下所有高清音频解码格式。
- 支持ARC高清音频回传。
- 机器内置多段EQ参量均衡调节，预置不同场景场景，一键切换随心所欲。
- 整机设计采用影院发烧级电路，具有频响宽、失真度低、信噪比高等优点，完全还原声音中的点点滴滴。
- 高保真蓝牙传输，可实现长距离无线无损传输。
- 配置U盘播放功能，支持APE、FLAC、WAV等主流无损音乐格式，更支持MP3、WMA压缩音乐格式,还原音乐本真之美。

■ 适用范围

- 适用于家庭影K，影吧等

■ 配置清单

功放	1只
说明书	1份
电源线	1条
遥控器	1只
电池	1对
HDMI线	1条

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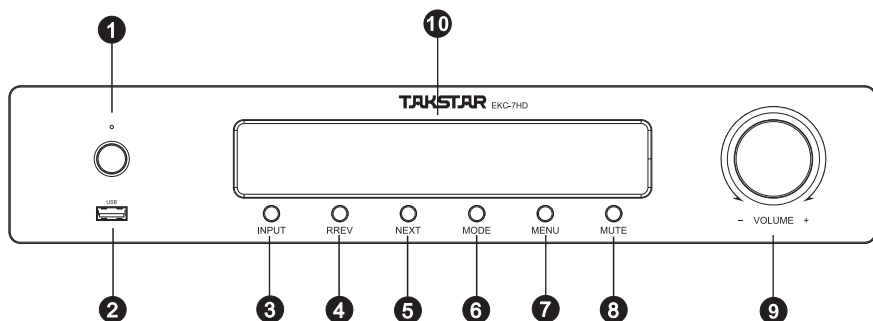
■ 技术参数

- 前置功率 (8Ω) : 2*80W
- 中置功率 (8Ω) : 80W
- 环绕功率 (8Ω) : 2*80W
- 后环绕功率 (8Ω) : 2*80W
- 超低功率 (4Ω) : 200W
- 信噪比 (A计权) : ≥ 86 dB
- 总谐波失真 (4Ω/1kHz) : $\leq 0.2\%$
- 频率响应: 20Hz-20kHz, ± 2 dB
- 输入灵敏度: 500mV
- 最大输入电平: 2.2V
- 话筒频率响应: 100Hz-13kHz
- 话筒输入灵敏度: 30mV
- 电源电压: 190-240VAC/50-60Hz
- 电源功率 (满功率状态) : 600W

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■ 功能示意

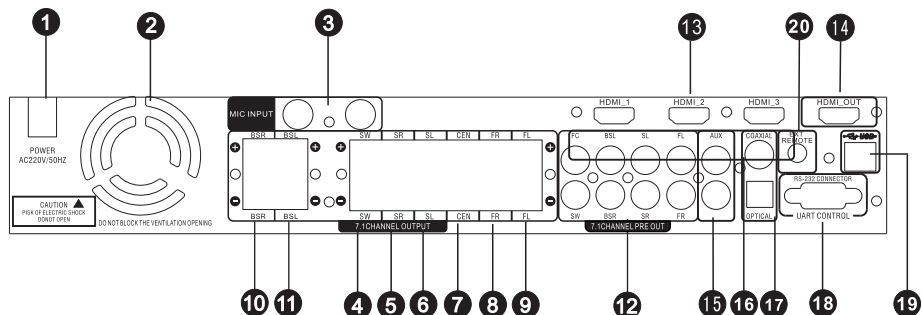
前面板



1. 开机键 (STANDBY)：待机和在工作切换键。反复按此键可使功放处在待机和在工作状态间切换。
2. USB接口 (USB)：连接内存有MP3或其它无损格式曲目的U盘，可在本机直接播放。
3. 输入选择 (INPUT)：反复按动此键将选择不同的音源。
4. 上一曲 (PREV)：MP3及蓝牙曲目上一曲选择。
5. 下一曲 (NEXT)：MP3及蓝牙曲目下一曲选择。
6. 听音模式键 (MODE)：执行DSP效果键，按此键选择不同的听音模式 (PCM音源有效)。
7. 菜单键 (MENU)：执行菜单命令键，按此键将执行与菜单相关的命令 (如：进入菜单命令)。
8. 静音键 (MUTE)：在正常工作状态下按此键将进入静音状态，再按此键将退出静音。
9. 音量控制旋钮 (VOLUME)：在正常状态下旋转此旋钮将改变音量，在菜单下旋转此旋钮选择不同的内容增减。
10. VFD显示屏：显示工作状态及操作信息。

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后面板



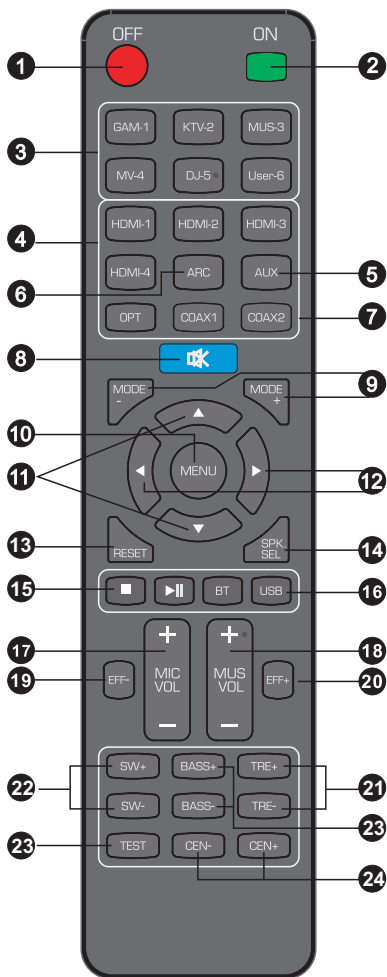
1. 电源线
2. 风扇通风口
3. 话筒输入接口
4. 超低音声道输出接线口
5. 右环绕声道输出接线口
6. 左环绕声道输出接线口
7. 中置声道输出接线口
8. 右声道输出接线口
9. 左声道输出接线口
10. 右后环绕声道输出接线口
11. 左后环绕声道输出接线口
12. 7.1声道前级信号输出接口
13. HDMI1-3高清输入口
14. HDMI高清输出口
15. AUX模拟信号输入接口
16. COAXIAL同轴数字信号输入接口
17. 光纤数字信号输入接口
18. RS232电脑中控接口
19. 电脑调试USB接口（调试OK功能）
20. 外接红外线遥控接收头输入接口

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遥控器

1. “OFF” 关机键
2. “ON” 开机键
3. “GAM-1、KTV-2、MUS-3、MV-4、DJ-5、USER-6” 预存模式调用按键
4. “HDMI-1、HDMI-2、HDMI-3、HDMI-4” HDMI输入选择按键
5. “AUX” 模拟音频输入选择按键
6. “ARC” 输入选择按键
7. “OPT、COAX1、COAX2” 数字音频光纤、同轴选择按键
8. “” 静音按键
9. “MODE+、-” 解码模式选择按键
10. “MENU” 进入菜单选择按键
11. “▲” “▼” 菜单功能参数值调节+、-按键
12. “◀” “▶” 菜单名称前、后选择按键，在蓝牙、USB播放时做上下曲选择
13. “RESET” 复位按键，长按3秒
14. “SPK.SEL” 大小喇叭模式选择按键，长按3秒
15. “ 

请注意：
遥控器与功放机之间不应该有大的障碍物



注：遥控器为通用遥控器，部分按键功能无作用

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■ 音箱连接

音箱设定

连接音箱之前，请参考其附带的说明书，将其摆放妥当。对于环绕声播放，音箱的布置是非常重要的。

- 前置左右主音箱

产生基本的声场。

- 中置音箱

产生丰富的声场效果，并可增强声音的移动感。

- 左右环绕音箱

添加三维声音移动感，并可为各种场景带来背景音响效果充足的环境气氛。这是欣赏Dolby Digital和DTS音响所需求的，有助加强家庭影院声音效果，改善声音的品质和真实感。

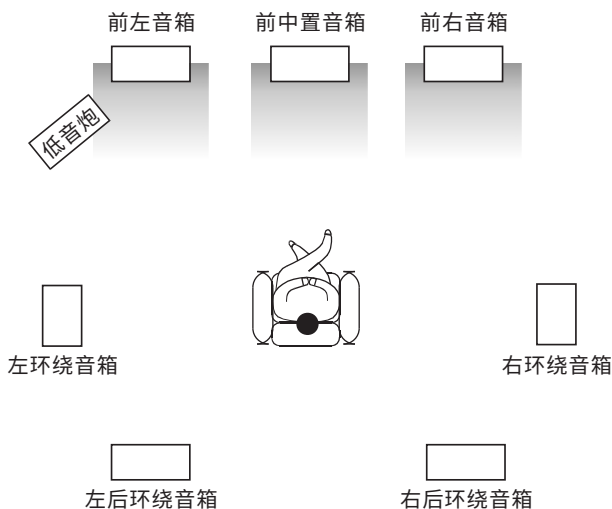
- 后环绕音箱

在整个7.1系统中，它起到一个承上启下的作用，与前方声场有一个好的连接作用，同时还让我们听到后方的一个环境音效，能够让我们融入到声场的包围中，从而能够提升影音室的声场包围感，更好的提升影视观影效果。

- 低音音箱

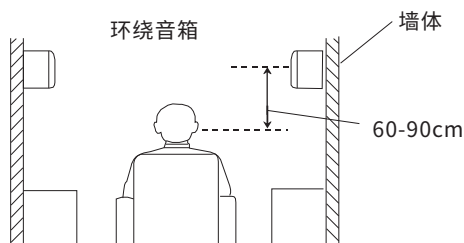
产生强劲和丰厚的低音，加强声音感染力。

音箱布置



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环绕音箱安装



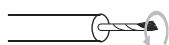
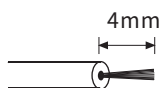
环绕音箱可安装在墙上或架子上，音箱垂直或高于耳朵60-90cm。

螺丝固定在墙上确保螺丝及墙体能承受20kg。

缆线连接注意

连接音箱，必须使用正确规格的音箱缆线。

剥除约4mm的电线绝缘体。将电线的线芯紧紧扭绞一起。



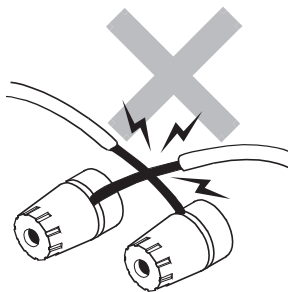
注意音箱缆线上信号流的标向。



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为防止损坏电路，切勿让正极(+)和负极(-)音箱缆线发生短路。

切勿交叠!



■ 使用说明

杜比数字解码的使用

1. 确定所用音源是否含有杜比数字编码；
2. 将音源播放设备的输出设置为“比特流”输出；
3. 将音源的播放设备的输出以“光纤”或者“同轴”的方式送至本机的“光纤”或者“同轴”输入端口；或HDMI输入端子；
4. 将本机的输入选择设置为所连接输入端口的输入音源名；
5. 将本机播放模式设置为相应的杜比播放模式。

DTS数字环绕的使用

1. 确定所用音源是否含有DTS数字编码；
2. 将音源播放设备的输出设置为“比特流”输出；
3. 将音源的播放设备的输出以“光纤”或者“同轴”的方式送至本机的“光纤”或者“同轴”输入端口；或HDMI输入端子；
4. 将本机的输入选择设置为所连接输入端口的输入音源名；
5. 将本机播放模式设置为相应的DTS播放模式。

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卡拉OK使用

1. 按面板或遥控器“MENU”可选择到话筒功能调节，调节遥控器“ADJUST+/-”或旋转面板音量旋钮可以调节菜单的各个音量大小；
2. 按面板“MIC MENU”或遥控器“MENU”显示“M VOL**”为话筒音量调节，调节范围0-80；
3. 按面板“MIC MENU”或遥控器“MENU”显示“M ECHO**”为话筒效果调节，调节范围0-80；
4. 按面板“MIC MENU”或遥控器“MENU”显示“M CEN**”为话筒中置音量调节，调节范围0-20；
5. 按面板“MIC MENU”或遥控器“MENU”显示“M SW**”为话筒低音音量调节，调节范围0-20；
6. 按面板“MIC MENU”或遥控器“MENU”显示“M SLR**”为话筒环绕音量调节，调节范围0-20；
7. 按面板“MIC MENU”或遥控器“MENU”显示“M MODE**”为话筒预存模式选择，有1-6种模式；

模式存储

1. 连接电脑调试软件
2. 输入要预存到想要的模式调试好各项参数后点击“1/2/3/4/5/6”“储存到设备”

点击



输入预存模式



3. 点击“OK”即可完成保存

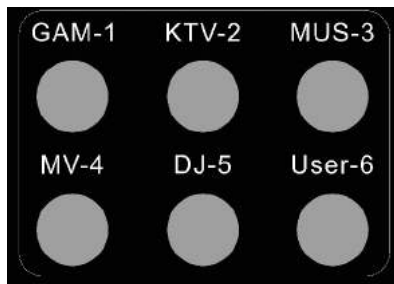


点击

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模式调用

按遥控器1-6按键可以直接调取预存好的模式



如何组成家庭影院系统

1. 将音源播放设备正确连接到本机的输入端，为方便记忆尽量连接至本机的同名输入端上，当然用户可将自己的播放设备（如DVD）连接至本机的任何一组输入端上（如AUX1），但用户一定要记住使用DVD作音源时，用户应将本机的音源设置为AUX1；
2. 将本机的5路功率输出端连接到对应的音箱上，注意功放输出“+”应与音箱“+”接线端相连。本机此时只提供5路功放输出；
3. 使用有源超低音音箱的用户，可将本机的超重低音输出端连接到有源超低音音箱的输入端上。

保护功能启动后如何处理

本机为计算机全数码控制的新型家庭影音娱乐中心，具有过流、输出短路等自动保护功能。在使用过程中一旦出现任何一种需保护的事件，本机将自动关机并显示保护状态。此时用户应查明故障后再开机使用。

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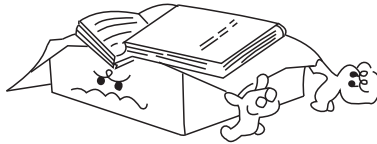
■ 重要安全措施

在使用此器具之前，请通读安全和操作说明，请遵守器具上及使用说明书中所示的所有警告和同时请遵守有关安全操作的指示。这些安全和操作说明要妥善保管以备查用。

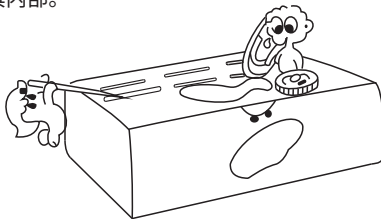
1. 电源线保护：要注意电源线不要被踩踏，被重物挤压，特别要注意电源线的插头，器具上的出线墙插座处，不要延长电线或使整体电源插座过载，因为这样可能导致失火或触电的危险。切忌拉、拽电源线。



2. 通风：机壳上的槽的开口是为了通风散热，以确保器具上可靠的动作并保护器具免于过热，这些开口必须免于堵塞或遮住，此器具必须置于通风良好的场所。为保持通风良好，请不要将物体置于其上或加盖桌布，离墙距离不得少于10厘米。



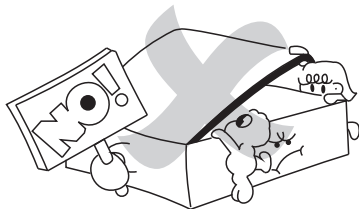
3. 电击：必须注意防止物品或液体滴从开口处掉入或流入机内。如果是金属物品。哪怕是一个发夹或一根针，也会使器具内部导电，可能发生电击危险。有孩子的家庭决不能容许孩子将任何东西，特别是金属放入器具内部。



4. 维修：用户不应进行使用说明书规定范围之外的维修工作。范围之外的各种维修应委托被认可的维修人员并且当完成此器具任何修理作业时，请要求技术人员进行安全检查以确定器具是否处于正常的动作状态。

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5. 机壳拆卸：切忌拆卸机壳。如果触摸内部的零件，可能发生严重电击事故。



6. 异常气味：当发现异常气味和烟雾，应立即切断电源并从墙壁插座拔下插头，并与经销店或最近的维修中心联系。



需要维修的场合：当出现下述问题时必须委托被认可的维修人员检修。

- A. 电源线或插头损坏。
- B. 物体落入，或液体流入机内。
- C. 器具被雨淋过。
- D. 即使按照使用说明书操作也不能正常工作往往需要有资格的技术人员进行彻底的检修，方能使器具恢复正常工作。
- E. 器具从高处落下或机壳损坏。
- F. 器具的性能显著地变化。

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■ 故障的解决方法

现象	解决方法
通电后电源指示灯不亮	<ol style="list-style-type: none">1、立刻关机，把电源线从插座拔下。2、检查电源插座是有电，插座上开关是否打开。3、检查机器保险丝是否烧断。4、排除以上问题故障依然存在，请送我厂或当地特约维修点进行维修。
电源指示灯闪	<ol style="list-style-type: none">1、立刻关机。2、检查电源线插座是否有松动或者没插到位。3、检查喇叭输出线是否有短路。4、排除以上问题故障依然存在，请送我厂或当地特约维修点进行维修。
遥控器不灵敏	<ol style="list-style-type: none">1、机器面板的遥控接收窗是否有异物遮挡。2、检查遥控器电池是否电压过低。
本机显示屏显示信号正常，但音箱无声	<ol style="list-style-type: none">1、立刻关机。2、检查机器连接喇叭的线是否正确，是否有松动或者没插到位，有没有短路现象。3、检查音箱、后级功放是否完好。4、重启机器或者播放设备。5、排除以上问题故障依然存在，请送我厂或当地特约维修点进行维修。
不能解码DOLBY或DTS音频	<ol style="list-style-type: none">1、音频输入是否在HDMI、光纤、同轴输入。2、检查音频播放设备音频输出设置，应设在源码输出。3、检查播放内容的音频轨迹，应选择DOLBY或DTS轨迹。
切换输入音源选择没有声音	<ol style="list-style-type: none">1、检查选择输入端的接口是否正确。2、检查播放设备的音频输出口设置是否打开。3、检查选择相对应接口是播放器是否正常工作。4、重启机器或者播放设备。
A、电脑调试软件控制异常、电脑和机器联机失败 B、中控控制异常	<ol style="list-style-type: none">1、电脑操作调试软件是否安装成功。2、电脑USB驱动软件是否安装成功，在电脑设备管理检查。3、连接线是否正常，尝试更换测试。4、电脑操作调试软件版本是否和本机匹配。不匹配通常出现功能对不上、功能操控闪退、测试保存异常。5、中控波特率是否正确。6、中控协议输入是否正确。7、以上检查后故障依然请联系相关技术远程协助。

EKC-7HD 家庭影院7.1 K歌系统一体机

机器兼容参数

HDMI接口	支持HDMI2.0版本接收与发送,支持3D、支持ARC回传,视频支持3840*2160P60Hz向下兼容
USB播放	1、支持无损音乐格式播放APE/FLAC/WAV,支持MP3/WMA播放。 2、最大支持32G U盘播放。
DTS解码	DTS HD MASTER DTS5.1/2.0、DTS-Express、DTS96kHz/24Bit、DTS Neo:X
DOLBY解码	Dolby True HD/Dolby Digital Plus/Dolby ATMOS Dolby Digital、Dolby Digital EX、Dolby Pro Logic II、 Dolby Pro Logic IIX、Dolby Pro Logic IIZ

EKC-7HD 7.1CH Home Theater / Karaoke Integrated Amplifier

■ Preface

Dear Customer,

Thank you for purchasing Takstar EKC-7HD 7.1CH Home Theater / Karaoke Integrated Amplifier. To better understand and use the product, please read this manual thoroughly. If you have any questions or suggestions, please contact our local service outlet.

■ Features

- Independent 7.1 channels for powerful and realistic audio effects, providing an immersive experience whether singing or watching movies.
- Supports decoding of high-definition audio formats such as Dolby-HD, DTS-HD, and more.
- Supports ARC (Audio Return Channel) for high-definition audio transmission.
- Built-in multi-segment parameter EQ adjustment, with various preset scene modes.
- Cinema-grade circuit design with wide frequency response, low distortion, and high signal-to-noise ratio for faithful reproduction of every sound detail.
- High-fidelity Bluetooth transmission enables lossless wireless connectivity over long distances.
- Equipped with USB playback function, supporting popular lossless music formats such as APE, FLAC, WAV, as well as compressed formats like MP3 and WMA, delivering the true beauty of music.

■ Application

- Home theaters and karaoke system, etc.

■ Configuration List

1 × Amplifier	1 × User Manual
1 × Power Cord	1 × Remote Control
1 × Batteries (Pair)	1 × HDMI Cable

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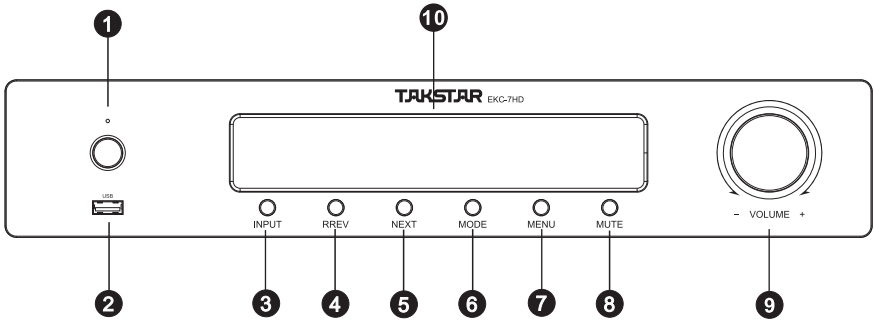
■ Specifications

- Front Power (8Ω): 2*80W
- Center Power (8Ω): 80W
- Surround Power (8Ω): 2*80W
- Rear Surround Power (8Ω): 2*80W
- Ultra-Low Power (4Ω): 200W
- S/N Ratio (A-weighted): ≥86dB
- THD (4Ω/1kHz): ≤0.2%
- Frequency Response: 20Hz-20kHz, ±2dB
- Input Sensitivity: 500mV
- Maximum Input Level: 2.2V
- Mic Frequency Response: 100Hz-13kHz
- Mic Input Sensitivity: 30mV
- Power Voltage: 190-240VAC/50-60Hz
- Power Consumption (at full power): 600W

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■ Function Overview

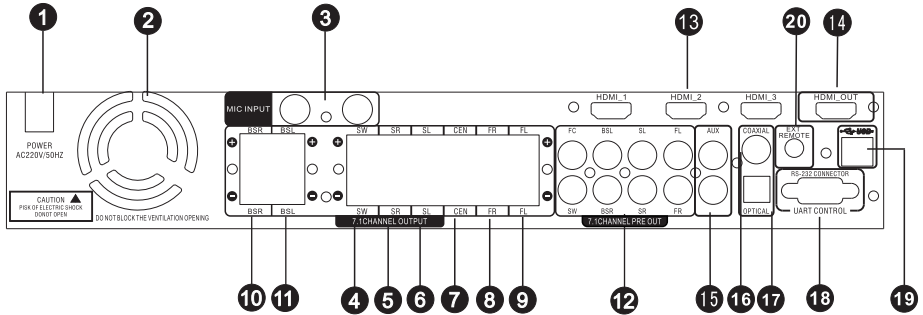
Front Panel



1. Power Button (STANDBY): Switches between standby and operating mode. Press to toggle the amplifier between standby and active states.
2. USB Port (USB): Connect a USB flash drive with MP3 or other audio tracks to play directly from the device.
3. Input Selection (INPUT): Press to select different audio sources.
4. Previous Track (PREV): Select the previous track for MP3 and Bluetooth playback.
5. Next Track (NEXT): Select the next track for MP3 and Bluetooth playback.
6. Listening Mode (MODE): Enables DSP effects. Press to select different listening modes (PCM audio source only).
7. Menu (MENU): Executes menu commands. Press to access menu-related commands (e.g., entering the menu).
8. Mute (MUTE): Press during normal operation to enter mute mode. Press again to exit mute mode.
9. Volume Control Knob (VOLUME): Rotate during normal operation to adjust the volume. In the menu, rotate to select different options.
10. VFD Display Screen: Displays the operational status and information.

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Back Panel

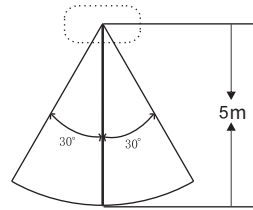


1. Power Cord
2. Fan Ventilation Port
3. Mic Input
4. Subwoofer Channel Output
5. Right Surround Sound Channel Output
6. Left Surround Sound Channel Output
7. Center Sound Channel Output
8. Right Sound Channel Output
9. Left Sound Channel Output
10. Right Rear Surround Sound Channel Output
11. Left Rear Surround Sound Channel Output
12. 7.1 Channel Preamp Signal Output
13. HDMI 1-3 High-Definition Input Ports
14. HDMI High-Definition Output Port
15. AUX Analog Signal Input
16. COAXIAL Coaxial Digital Signal Input
17. Optical Digital Signal Input
18. RS232 Computer Control Interface
19. Computer Debugging USB Port (for debugging purposes)
20. External Infrared Remote Control Receiver Input

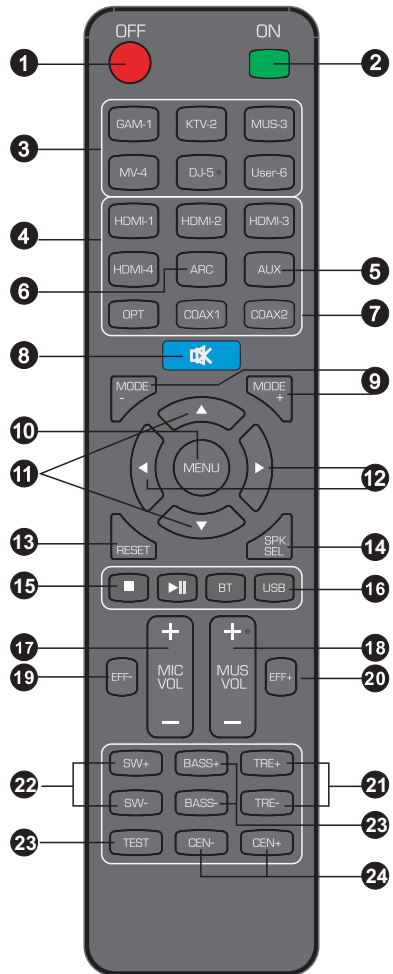
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Remote Control

1. "OFF" Power Off Button
2. "ON" Power On Button
3. "GAM-1, KTV-2, MUS-3, MV-4, DJ-5, USER-6" Preset Mode Selection Buttons
4. "HDMI-1, HDMI-2, HDMI-3, HDMI-4" HDMI Input Selection Buttons
5. "AUX" Analog Audio Input Selection Button
6. "ARC" Input Selection Button
7. "OPT, COAX1, COAX2" Digital Audio Optical, Coaxial Selection Buttons
8. "Mute" Mute Button
9. "MODE+, -" Decoding Mode Selection Buttons
10. "MENU" Enter Menu Selection Button
11. "▲" "▼" Menu Function Parameter Value Adjustment Buttons (+, -)
12. "◀" "▶" Menu Navigation Buttons & Previous/Next Track Buttons for Bluetooth and USB Playback
13. "RESET" Reset Button (press and hold for 3 seconds)
14. "SPK.SEL" Big/Small Speaker Mode Selection Button (press and hold for 3 seconds)
15. "■" "||" Stop, Play/Pause Buttons for Bluetooth and USB Playback
16. "BT, USB" Bluetooth, USB Audio Input Selection Buttons
17. "MICVOL+, -" Mic Volume Control Buttons
18. "MUSVOL+, -" Music Volume Control Buttons
19. "EFF-" Mic Effect Volume Decrease Button
20. "EFF+" Mic Effect Volume Increase Button
21. "TRE+, TRE-" Left and Right Channel Treble Adjustment Buttons
22. "SW+, SW-" Subwoofer Volume Adjustment Buttons
23. "BASS+, BASS-" Left and Right Channel Bass Adjustment Buttons
24. "TEST" Channel Positioning Noise Test Button
25. "CEN+, CEN-" Front Center Channel Volume Adjustment Buttons



ATTENTION:
No major obstacles between remote and amplifier.



Note: This is a universal remote, and some buttons may not have any function.

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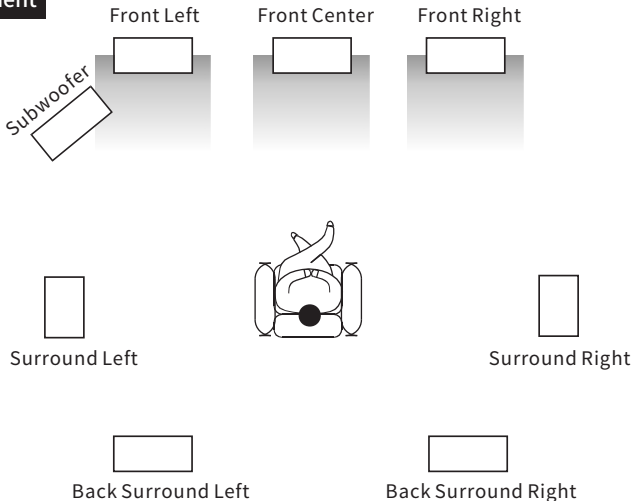
■ Speaker Connection

Speaker Setup

Before connecting the speakers, please refer to their accompanying user manual for proper placement. The arrangement of speakers is crucial for surround sound playback.

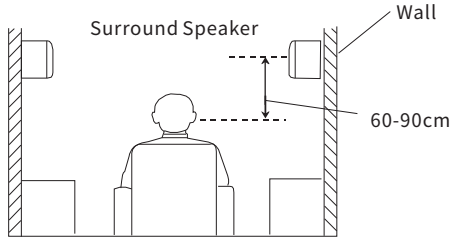
- **Front Left/Right Main Speakers**
Generate the basic soundstage.
- **Center Speaker**
Creates a rich soundstage effect and enhances the sense of sound movement.
- **Left/Right Surround Speakers**
Add a three-dimensional sound movement and create an immersive ambient atmosphere for various scenes. This is essential for enjoying Dolby Digital and DTS audio, improving the sound quality and realism of the home theater experience.
- **Back Surround Speakers**
In a complete 7.1 system, they play a bridging role between the front soundstage and provide a good connection. They also allow us to hear environmental sound effects from the rear, immersing us in a surround sound experience. This enhances the sense of surround sound in the home theater and improves the overall movie-watching experience.
- **Subwoofer**
Produces powerful and rich low-frequency sounds, enhancing the impact of the audio.

Speaker Placement



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Surround Speaker Installation



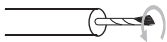
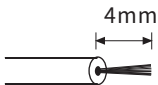
Surround speakers can be installed on the wall or placed on shelves, positioned vertically or elevated 60-90cm above the ears.

Secure the screws on the wall, ensuring that the screws and the wall can support a weight of 20kg.

Cable Connection Precautions

When connecting the speakers, it is essential to use the correct specification of speaker cables.

Strip approximately 4mm of insulation from the wire. Twist the wire cores tightly together.

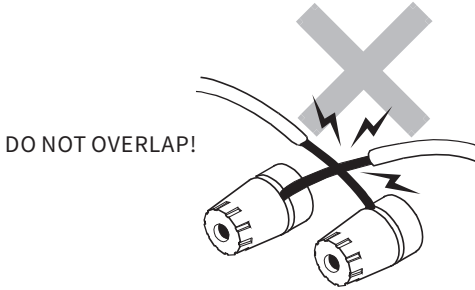


Pay attention to the signal flow direction on the speaker cables.



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To prevent circuit damage, avoid short-circuiting the positive (+) and negative (-) speaker cables.



■ Operating Instructions

Using Dolby Digital Decoding

1. Verify if the audio source contains Dolby Digital encoding.
2. Set the output of the audio playback device to "Bitstream" mode.
3. Connect the output of the audio playback device to the "Optical" or "Coaxial" input port of this unit, or the HDMI input terminal.
4. Set the input selection of this unit to the corresponding input source name of the connected input port.
5. Set the playback mode of this unit to the appropriate Dolby playback mode.

Using DTS Digital Surround

1. Verify if the audio source contains DTS digital encoding.
2. Set the output of the audio playback device to "Bitstream" mode.
3. Connect the output of the audio playback device to the "Optical" or "Coaxial" input port of this unit, or the HDMI input terminal.
4. Set the input selection of this unit to the corresponding input source name of the connected input port.
5. Set the playback mode of this unit to the appropriate DTS playback mode.

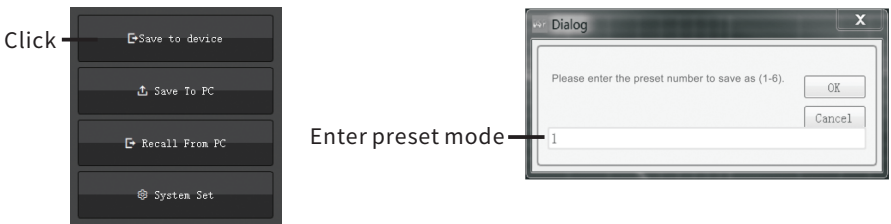
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Karaoke Mode

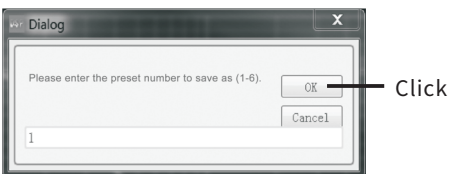
1. Press the "MENU" button on the panel or remote control to access the mic function settings. Adjust the volume of each menu option using the "ADJUST+/-" buttons on the remote control or by rotating the panel volume knob.
2. Press the "MIC MENU" button on the panel or "MENU" button on the remote control to display "M VOL**" for adjusting the mic volume, with a range of 0-80.
3. Press the "MIC MENU" button on the panel or "MENU" button on the remote control to display "M ECHO**" for adjusting the mic effects, with a range of 0-80.
4. Press the "MIC MENU" button on the panel or "MENU" button on the remote control to display "M CEN**" for adjusting the mic center volume, with a range of 0-20.
5. Press the "MIC MENU" button on the panel or "MENU" button on the remote control to display "M SW**" for adjusting the mic subwoofer volume, with a range of 0-20.
6. Press the "MIC MENU" button on the panel or "MENU" button on the remote control to display "M SLR**" for adjusting the mic surround volume, with a range of 0-20.
7. Press the "MIC MENU" button on the panel or "MENU" button on the remote control to display "M MODE**" for selecting the preset modes for the mic, with 1-6 options available.

Mode Storage

1. Connect the computer debugging software.
2. Once all parameters are set, click "Save to device" and input the desired preset profile number "1/2/3/4/5/6" to save the preset settings.



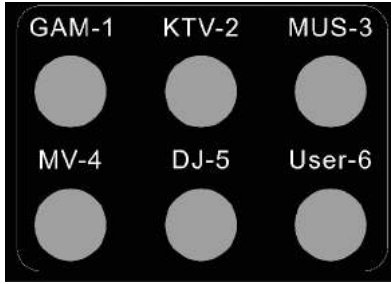
3. Click "OK" to complete the saving process.



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Mode Selection

Press the corresponding buttons 1-6 on the remote control to directly recall the stored modes.



Building a Home Theater System

1. Properly connect the audio source playback device to the input terminals of this unit. For easy reference, it is recommended to connect to the input terminals with the same name on this unit. However, users can connect their own playback devices (such as DVD) to any input terminals of this unit (such as AUX1). In such cases, users must remember to set the audio source of this unit to AUX1 when using DVD as the audio source.
2. Connect the 5-channel power outputs of this unit to the corresponding speakers. Ensure that the amplifier's positive (+) output is connected to the speaker's positive (+) terminal. This unit provides only 5-channel power output.
3. For users using an active subwoofer, connect the subwoofer output of this unit to the input terminal of the active subwoofer.

Handling Automatic Protection Situations

This unit is a new type of computer-controlled, all-digital home entertainment center with automatic protection functions such as overcurrent and output short circuit. If any protection event occurs during use, the unit will automatically shut down and display the protection status. In such cases, users should identify and resolve the issue before powering on the unit again.

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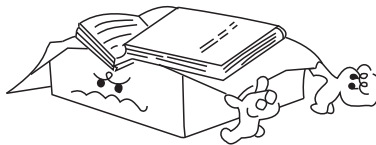
■ Important Safety Measures

Before using this appliance, please read and follow all the safety and operating instructions provided on the appliance and in the user manual. Keep these safety and operating instructions for future reference.

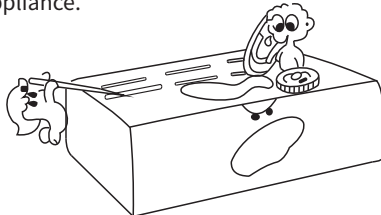
1. **Power Cord Protection:** Take care to avoid stepping on or crushing the power cord, especially at the plug point on the appliance and the wall outlet. Do not overload the power cord by extending it or connecting multiple devices, as this can lead to fire or electric shock hazards. Avoid pulling or yanking the power cord.



2. **Ventilation:** The openings on the appliance's casing are designed for ventilation to ensure proper operation and prevent overheating. These openings must not be blocked or covered. Place the appliance in a well-ventilated area. Do not place objects on top of it or cover it with a cloth. Maintain a distance of at least 10 centimeters from the wall.

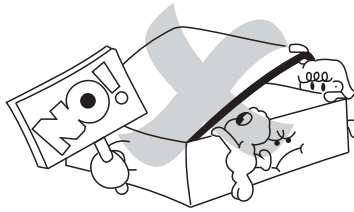


3. **Electric Shock:** Take precautions to prevent objects or liquids from falling or flowing into the openings of the appliance. Even a small metal object like a hairpin or needle can cause electrical conductivity inside the appliance, posing an electric shock hazard. It is especially important for households with children to ensure that no objects, particularly metal ones, are inserted into the appliance.



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- 4. Repairs: Users should not attempt any repairs beyond those specified in the user manual. Any repairs outside the specified scope should be carried out by authorized service personnel. After any repairs on the appliance, request a safety check from a technician to ensure that the appliance is in proper working condition.
- 5. Removal of Casing: Do not dismantle the appliance's casing. Touching internal components can result in serious electric shock accidents.



- 6. Unusual Odors: If you detect any unusual odors or smoke, immediately disconnect the power and unplug the appliance from the wall outlet. Contact the retailer or nearest service center for assistance.



Instances Requiring Repair: The following situations require inspection and repair by authorized service personnel:

- A. Damage to the power cord or plug.
- B. Objects falling into or liquids flowing into the appliance.
- C. Exposure of the appliance to rain or moisture.
- D. Inability to operate properly even when following the instructions in the user manual, often necessitating thorough examination and repair by qualified technicians to restore normal operation.
- E. Dropping the appliance from a height or damaging the casing.
- F. Significant changes in the performance of the appliance.

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■ Troubleshooting Solutions

Issue	Solution
No Power Indicator	<ol style="list-style-type: none">1. Immediately power off and unplug.2. Check power source and switch.3. Inspect fuse for damage.4. Contact authorized service center if problem persists.
Flashing Power Indicator	<ol style="list-style-type: none">1. Immediately power off.2. Check power cord connection.3. Verify speaker cables for short circuits.4. Seek repair assistance if issue persists.
Unresponsive Remote Control	<ol style="list-style-type: none">1. Ensure no obstructions on receiver window.2. Replace remote control batteries.
Displayed Signal, No Sound	<ol style="list-style-type: none">1. Immediately power off.2. Check speaker connections and cables.3. Verify speaker and amplifier functionality.4. Restart appliance or playback device.5. Contact service center if problem continues.
Unable to Decode DOLBY/DTS	<ol style="list-style-type: none">1. Confirm audio input is HDMI, Optical or Coaxial.2. Confirm audio output settings of playback device is set to source code output.3. Confirm audio track of playback content is set to DOLBY or DTS.
No Sound When Switching Inputs	<ol style="list-style-type: none">1. Verify correct input interface selection.2. Check audio output settings of playback device is enabled.3. Check if playback device corresponding to selected interface is functioning properly.4. Restart appliance or playback device.
A. Computer software or connection issue B. Computer control malfunction	<ol style="list-style-type: none">1. Verify debugging software is installed correctly.2. Check if the computer USB driver is installed correctly in device manager.3. Verify cable connection, try replacing cables.4. Verify if the version of computer software for debugging matches the appliance. Incompatibility may result in mismatched functions, software crashes, or issues with test or saving.5. Confirm matching baud rate.6. Confirm matching protocol input.7. Seek technical support if problem persists.

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Machine Compatibility Specifications

HDMI Interface	Supports HDMI 2.0 version for receiving and transmitting, supports 3D, supports ARC (Audio Return Channel), video supports 3840*2160P 60Hz and is backward compatible.
USB Playback	1. Supports lossless audio formats such as APE/FLAC/WAV, and MP3/WMA playback. 2. Supports playback from USB drives up to 32GB in size.
DTS Decoding	DTS HD MASTER DTS5.1/2.0、DTS-Express、DTS96kHz/24Bit、DTS Neo:X
DOLBY Decoding	Dolby True HD, Dolby Digital Plus, Dolby ATMOS, Dolby Digital, Dolby Digital EX, Dolby Pro Logic II, Dolby Pro Logic IIx, Dolby Pro Logic IIz

产品服务保证书

姓名：_____ 电话：_____ 地址：_____

商品：_____ 型号：_____ 购买日期：_____ 年 _____ 月 _____ 日

维修记录栏 (由维修员填写)	维修员签名	日期

注意事项：

1. 本单为保修凭证，请用户妥善保管，如有遗失，恕不保修或退换。
2. 保修期限制：购买之日起十二个月内。
3. 除了不可抗力事件损坏外，由本公司负责，免费维修。
4. 如属保管不善或使用不当造成的损坏，维修点将酌情收费。
5. 擅自拆卸维修者，不予保修。
6. 以上保修条款仅限于中国市场适用（不含港澳台地区）。

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