

TAKSTAR® 得胜

EKAX-1L

卡拉OK功放

Karaoke Amplifier



使用说明
User's Manual

EKAX-1L 卡拉OK功放

前言	01
产品特性	01
配置清单	01
适用范围	02
技术参数	02
功能示意	03
设置与操作	04
连接方式	05
音箱连接	05
蓝牙输入	05
有线麦克风连接	06
Mp3播放器输入	06
U盘播放	07
耳机连接	07
无线话筒使用介绍	08
线路音频输入	09
超低音音箱连接	09
安全注意事项	10
故障排除	11

EKAX-1L 卡拉OK功放

■ 前言

尊敬的用户：

感谢您选购得胜EKAX-1L卡拉OK功放，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

- 铝合金黑色拉丝面板，全金属机箱，大功率环形变压器
- 两路有线话筒输入，配两只U段无线话筒，优质音频处理电路，能有效抑制声反馈
- 两路RCA音频输入，3路音频输出，可外接大功率功放机或录音设备
- 蓝牙音频无线连接，可自动连接和交互控制
- 带U盘播放器，支持多种音频文件
- 自动散热系统和多功能保护电路，有效保证本机安全使用
- 专业大动态功率放大线路，频率响应快，声音清晰有力度
- 带红外线遥控器
- 广泛应用于家庭及小型娱乐室等场所

■ 配置清单

功放	1台
电源线	1根
无线话筒	2只
天线	2根
遥控	1只
说明书	1份

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■ 适用范围

家庭及小型娱乐室等

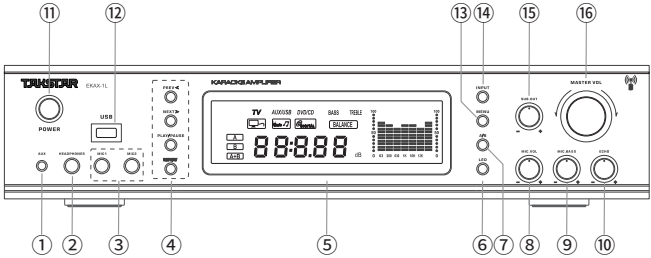
■ 技术参数

- 无线话筒频率：666.3MHz（可调）630.3MHz（可调）
- 话筒输入灵敏度：20mV
- 线路输入灵敏度：300mV
- 线路输入：20Hz-20KHz
- 话筒输入：60Hz-14KHz
- 额定输出电平：0.775V
- 失真度：<0.6%（1KHz 1W, 8Ω ）
- 信噪比：≥85dB（A 计权）
- 最大功率输出：2x100W
- 主保险丝：8A
- 重量：7.3kg
- 机器尺寸：430X300X100MM

EKAX-1L 卡拉OK功放

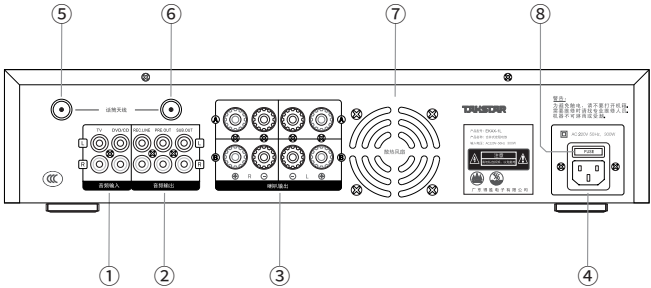
功能示意

前面板



- ① AUX音频输入（3.5mm插头）
- ② 监听耳机插孔
- ③ 有线麦克风输入端口
- ④ U盘播放和无线音乐控制键
- ⑤ 操作功能显示屏
- ⑥ LED夜光圈开关
- ⑦ 功放输出通道选择开关（A、B、A/B）
- ⑧ 麦克风音量调节
- ⑨ 麦克风低音调节
- ⑩ 效果调节
- ⑪ 电源开关
- ⑫ U盘接口
- ⑬ 菜单功能键
- ⑭ 输入模式选择
- ⑮ 超低音音箱输出音量控制
- ⑯ 音量调节

后面板

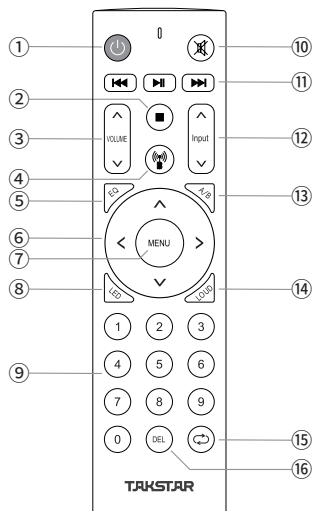


- ① 立体声音频输入
- ② 音频输出（至有源超低音音箱和录音设备）
- ③ A/B组功放输出
- ④ AC 220V电源输入
- ⑤ 无线麦克风A接收天线
- ⑥ 无线麦克风B接收天线
- ⑦ 散热风扇出风口
- ⑧ 电源保险丝座

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遥控器

- ① 电源开关按键
- ② U盘和无线音乐播放停止键
- ③ 音量大小调节按键
- ④ 蓝牙模式直选键
- ⑤ 内置音效选择按键
- ⑥ 菜单功能选择和调整键
- ⑦ 菜单功能
- ⑧ LED夜光圈开关
- ⑨ 数字直选键
- ⑩ 静音按键
- ⑪ U盘和无线音乐播放控制键
- ⑫ 输入模式选择
- ⑬ 功放输出通道选择开关（A、B、A/B）
- ⑭ 音频小音量等响度开关
- ⑮ U盘播放单循环和全循环选择
- ⑯ 数字清除键



■ 设置与操作

初始操作

将交流电源线插入交流电源插座。确保电源在产品背面标明的电压范围内。产品的主电源开关应处于关闭位置。连接到交流电源插座的设备的总功耗不得超过指定的规格。

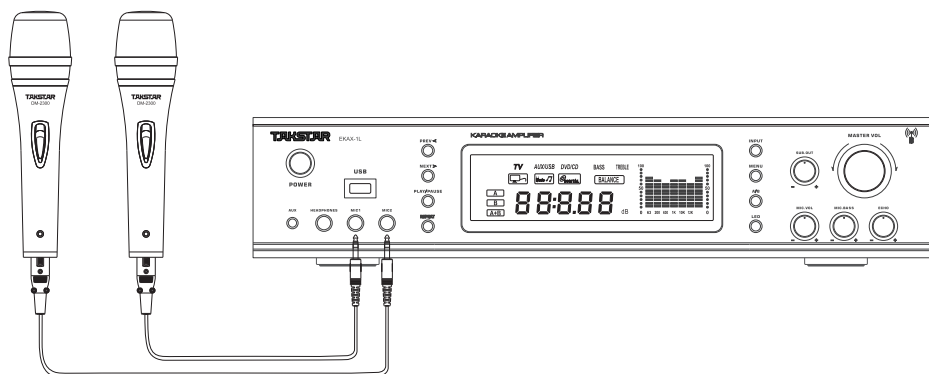
音频输入操作（前面板）

通过INPUT键将输入模式设置为您要操作的外部音频。将音乐音量设置为最小（逆时针旋转到底）。打开电源，操作连接到产品音频输入端口的的外部播放器。将一组扬声器连接到产品的功放输出端口。将音乐音量调节至合适的输出电平，以免损坏扬声器和产品内部电路。按菜单键选择TREBLE（高音）、BASS（低音）、BALANCE（平衡），旋转主音量旋钮分别调节左右扬声器的高音、低音和音量输出。

EKAX-1L 卡拉OK功放

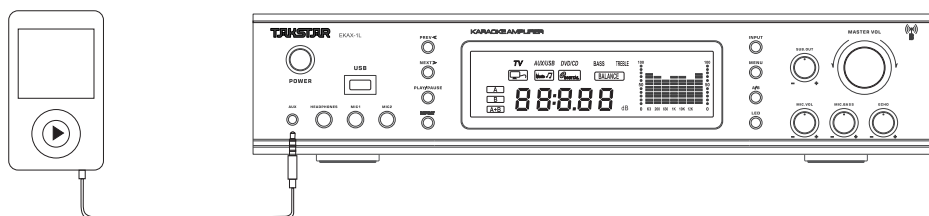
有线麦克风连接

本机配备两只无线麦克风，如需使用有线麦克风，可使用连接线连接到MIC1或MIC2输入端口即可



Mp3播放器输入

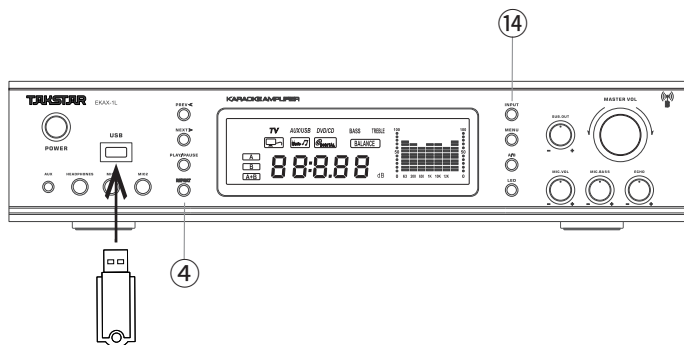
- 1.使用3.5mm插孔线连接
- 2.iPod/MP3播放器或任何其他配备耳机输出的设备



EKAX-1L 卡拉OK功放

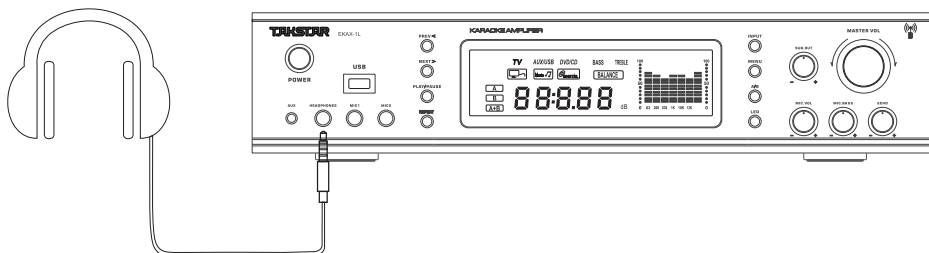
U盘播放

轻按INPUT按钮开关⑭设置为AUX / USB模式，插入您的USB闪存连接到产品的USB端口，它会自动播放存储在您闪存中的音频文件，操作前面板④功能按键控制播放功能（U盘播放具有优先权）



耳机连接

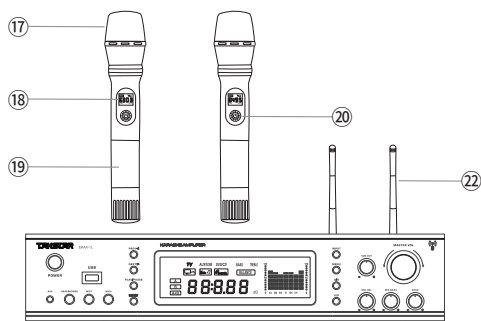
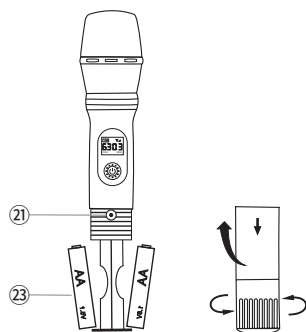
1. 需要一只带6.35mm插头的耳机
2. 让耳机插头插入功放的HEADPHONES口
3. 插入耳机后，功放输出自动断开，外扩无声音，此时只有监听耳机有声音



EKAX-1L 卡拉OK功放

■ 无线话筒使用介绍

- ①7 网头
- ①8 显示屏
- ①9 后盖
- ②0 电源开关（长按1秒开机，长按2秒关机）
- ②1 话筒频率调节按钮（需打开话筒后盖）
- ②2 话筒接收天线
- ②3 电池仓



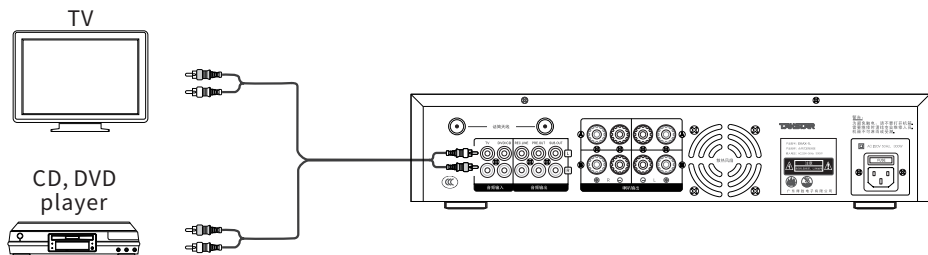
1. 本机搭配的两只无线麦克风出厂已经与主机配对完成无需再次进行对频，装上电池开机即可使用，也可以根据使用情况调节功放面板麦克风音量旋钮⑧，麦克风低音增益旋钮⑨，以及麦克风效果旋钮⑩；

2. 如使用多台主机或者由于使用环境麦克风在使用时出现串频或者干扰，可以对麦克风使用频率进行更换，在功放和话筒开机的情况下，此时需要打开话筒后盖点按②1进行频率调节，调节好频率后让话筒显示屏对准功放显示屏3秒钟左右，主机自动搜索话筒频率完成对频。

EKAX-1L 卡拉OK功放

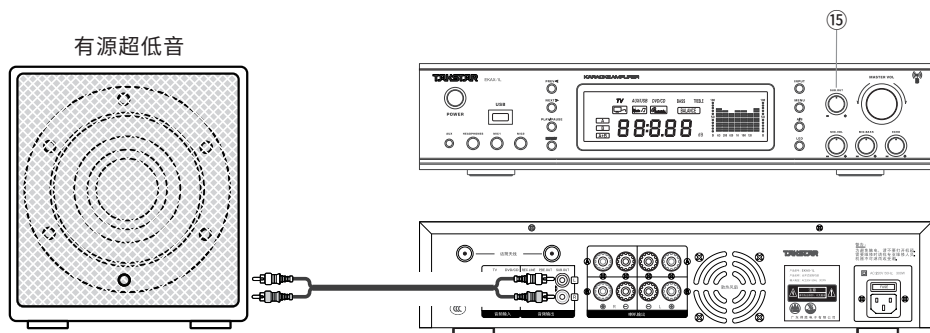
■ 线路音频输入

1. 将功放音量旋钮调到最小
2. 将CD/DVD机等设备的音频信号通过带莲花插头的音频线接入到功放背板的TV音频输入端口或者DVD音频输入端口
3. 按动输入模式选择开关（INPUT）按键选择对应的输入模式即可



■ 超低音音箱连接

1. 功放背板的莲花座SUB OUT输出口用来外接有源超低音使用
2. 面板上 ⑮ 旋钮可以调节低音音量大小



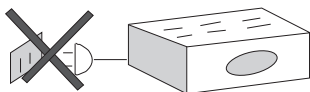
EKAX-1L 卡拉OK功放

■ 安全注意事项

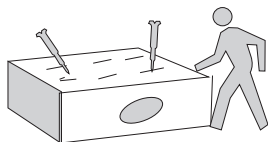
机器内有交流高压零件，请勿擅自打开机壳，以免发生触电危险。必要时应该请有资格的专业维修人员为您服务。



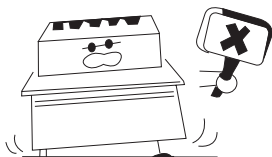
本机使用交流AC200V/240V,50/60Hz电源，使用前请确认电压后调节机器的后面板电源转换开关，不要使用非标准电源。



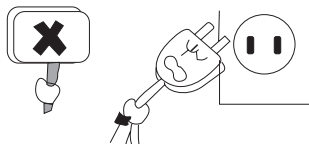
注意防止物品或液体从开口处掉入或流入内部。如果是金属物品，哪怕是掉一根针也会使机器内部导电，产生电击危险或损坏机器。



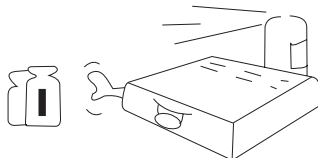
避免放置在不稳定及避免受震动影响的地方，必须远离磁场源。



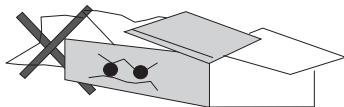
要注意避免电源线被踩踏或被重物压挤，不得拉或强力扭曲电源线。特别要注意电源线的插头，装置在墙上插座处。



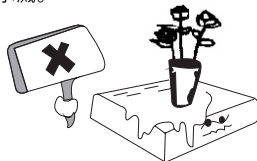
清洁：不要使用挥发性溶液、涂料稀释剂、汽油、挥发油等擦拭外壳。使用清洁的干布就行。



此装置必须置于通风良好的场所。为保持通风良好，请不要将唱片置于其上或加盖桌布，离墙距离不得小于10厘米。不要将此装置置于床上，沙发，地或类似的物体表面上使用，以免挡住通风口。



勿将本机放在湿度很高或灰尘的位置。花瓶或其他有水的物件均不宜摆在本机上方，不得受雨淋或水溅。



EKAX-1L 卡拉OK功放

故障排除

故障	可能原因	故障排除
无电力供至本装置	电源插头从电源插座脱出	将电源插头稳稳地插入电
电源接通 但无声音	(音乐音量)或(麦克风音量)控制装置可能定在最小调整值	调整到适当音量
	通道选择按错位置	请选择正确的通道位置
	扬声器电线脱离	正确接上扬声器电线
声音断断续续	扬声器电线破损	修理电线破损处
	扬声器电线短路	修理短路的电线
	信号线破损	将讯号线更新或修理
麦克风没有声音 (但音乐正常)	麦克风开关在(OFF)位置	请将麦克风开关切到(ON)位置
	麦克风线破损	修理或更新
	麦克风插头脱离	正确连接麦克风插头
有一声道无声	平衡控制到左边或右边	调整平衡旋钮转到中间
	一声道扬声器电线脱落	正确连接一喇叭电线
U盘播放无声	U盘内是否有MP3文件格式音频文件	用电脑查看U盘内音频文件
不能连接蓝牙	手机或电脑的蓝牙未打开	重新打开蓝牙设备连接(备注：只需成功连接一次，后续打开设备可自动连接)
	本设备是否在蓝牙模式	转换到蓝牙模式

EKAX-1L KARAOKE AMPLIFIER

PREFACE	13
FEATURES	13
PACKING LIST	13
APPLICATIONS	14
SPECIFICATIONS	14
FUNCTIONS	15
SETUP & OPERATION	16
CONNECTIONS	17
SPEAKERS CONNECTION	17
BLUETOOTH INPUT	17
CONNECTING WIRED MICROPHONES	18
MP3 PLAYER INPUT	18
USB PLAYBACK	19
HEADPHONE CONNECTION	19
USING WIRELESS MICROPHONES	20
LINE AUDIO INPUT	21
SUBWOOFER CONNECTION	21
CAUTIONS	22
TROUBLESHOOTING	23

EKAX-1L KARAOKE AMPLIFIER

■ PREFACE

Dear Customer,

Thank you for purchasing Takstar EKAX-1L Karaoke Amplifier. In order to better understand and use the product, please read this manual carefully.

If you have any questions or suggestions, please contact our local dealer.

■ FEATURES

- Black brushed aluminum panel, full metal chassis, high-power toroidal transformer
- Two wired microphone inputs, with two UHF wireless microphones, anti-feedback circuit
- Two RCA audio inputs, 3 audio outputs (to high-power amplifier or REC equipment)
- Bluetooth connectivity for wireless audio streaming
- Integrated USB media player to play multiple types of audio files from USB device
- Automatic cooling system and multi-functional protection circuit to ensure safety
- Professional high dynamic amp circuit, fast frequency response, clear and powerful sound
- With infrared remote control
- Widely used in family and small recreation room

■ PACKING LIST

Power Amplifier	1 pc
Power Cord	1 pc
Wireless Mic	2 pcs
Antenna	2 pcs
Remote	1 pc
User Manual	1 pc

EKAX-1L KARAOKE AMPLIFIER

■ APPLICATIONS

Family and small recreation room

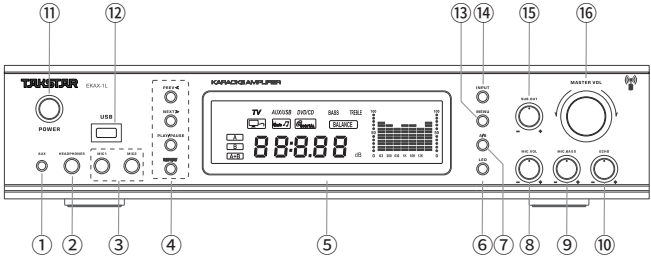
■ SPECIFICATIONS

- Wireless Mic Frequency: 666.3MHz (adjustable);
630.3MHz (adjustable)
- Mic Input Sensitivity: 20mV
- Line Input Sensitivity: 300mV
- Line Input: 20Hz-20KHz
- Mic Input: 60Hz-14KHz
- Rated Output Level: 0.775V
- Distortion: <0.6% (1KHz 1W, 8Ω)
- S/N Ratio: ≥85dB (A-weighted)
- Maximum Power Output: 2×100W
- Main Fuse: 8A
- Weight: 7.3kg
- Dimensions: 430×300×100mm

EKAX-1L KARAOKE AMPLIFIER

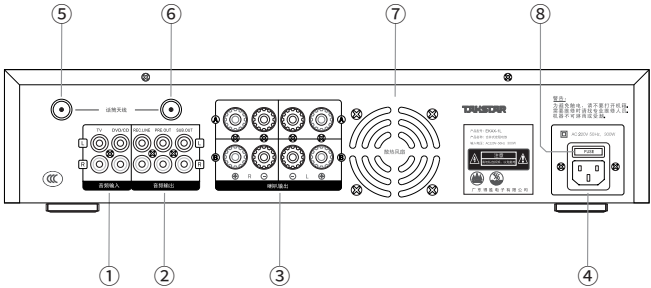
FUNCTIONS

FRONT PANEL



- ① AUX input (3.5mm)
- ② Monitor headphones jack
- ③ Wired microphone input port
- ④ USB & Wireless Music controls
- ⑤ Operation Function display
- ⑥ LED luminous circle switch key
- ⑦ Amplifier output A, B selector switch
- ⑧ Microphones volume adjustment
- ⑨ Microphones bass adjustment
- ⑩ Echo adjustment
- ⑪ Power ON/OFF switch
- ⑫ USB interface
- ⑬ Menu function key
- ⑭ Input mode selector switch
- ⑮ Subwoofer output volume control
- ⑯ Volume adjustment

REAR PANEL

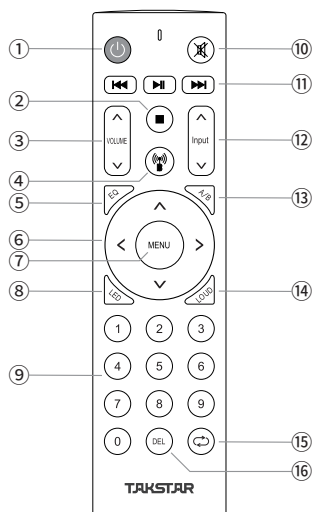


- ① Stereo audio input
- ② Audio output (to active subwoofer and REC equipment)
- ③ A/B group Amplifiers output
- ④ AC 220V power supply interface
- ⑤ Wireless mic A receiving antenna
- ⑥ Wireless mic B receiving antenna
- ⑦ Cooling fan outlet
- ⑧ Fuse holder

EKAX-1L KARAOKE AMPLIFIER

REMOTE

- ① Power ON/OFF
- ② Stop USB & Wireless Music playback
- ③ Volume controls
- ④ Bluetooth mode
- ⑤ Built-in audio effects
- ⑥ Menu selection and adjustment key
- ⑦ Menu function
- ⑧ LED luminous circle switch
- ⑨ Numeric straight selection key
- ⑩ Mute
- ⑪ USB & Wireless Music controls
- ⑫ Input mode selector
- ⑬ Amplifier output A, B selector
- ⑭ Equal loudness switch
- ⑮ USB single cycle and all cycle selection
- ⑯ Number delete key



■ SETUP & OPERATION

GETTING START

Plug the AC power cord into your local AC convenience outlet. Be sure that the power source is within the voltage range indicated at the back of the product. The main power switch of the product should be at OFF position. The total power consumption of the equipment connected to the AC outlet of the product must not exceed the specification indicated.

AUDIO INPUT OPERATION (FRONT PANEL)

Set the INPUT selector switch to where your external audio or video player you want to operate is connected. Set the music volume control to minimum (full counterclockwise). Switch on the power to both equipment. Operate the external player connected to the audio input of the product. Connect set of speakers to the amplifier output of product. Adjust the music volume control to the proper output level to avoid damage to the speakers and/or to the internal circuit of the product. Press the menu button to select TREBLE, BASS, BALANCE, and rotate the master volume knob to adjust the treble, bass and volume output of the left and right speakers respectively.

EKAX-1L KARAOKE AMPLIFIER

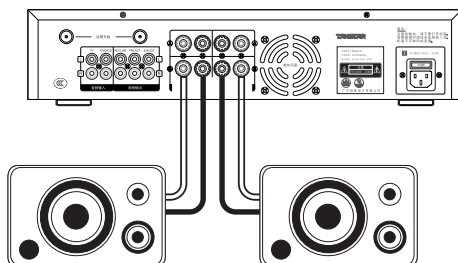
■ CONNECTIONS

SPEAKERS CONNECTION

1. When connecting your speakers, connect the left speaker to the L terminal block and the right speaker to the R terminal

2. Match up the cable ends:

The plus on the amplifier to the plus on the speaker, the minus on the amplifier to the minus of the speaker.

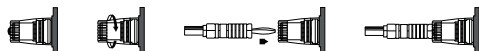


3. You can connect your speakers in two different ways:

Stripped cable: Strip and twist 10 mm of cable, then introduce it into the terminal and tighten it

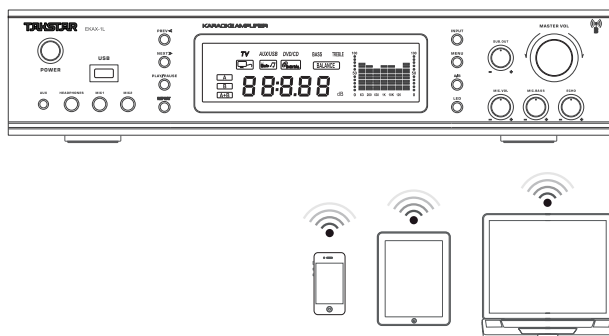


Cable with banana plug: Tighten the terminal or remove the protector located at the center of the terminal and insert the banana plug



BLUETOOTH INPUT

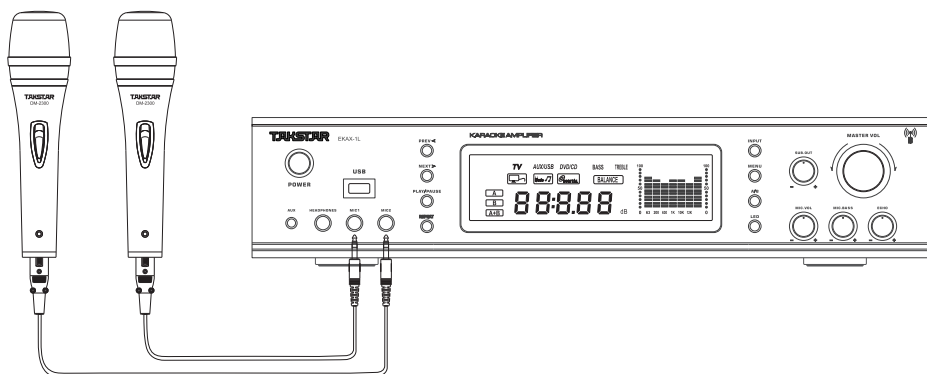
EKAX-1L features a Bluetooth input so you can connect your smartphone, tablet, or PC/Mac computer. Search and connect Bluetooth ID “TAKSTAR EKAX-1L” to start music playback, controllable via Key ④ on front panel and Key ② ⑪ on remote.



EKAX-1L KARAOKE AMPLIFIER

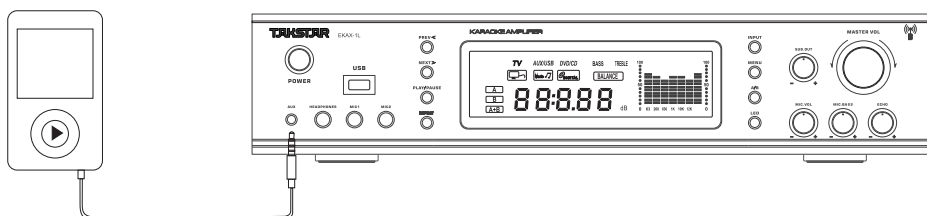
CONNECTING WIRED MICROPHONES

This device is equipped with two wireless microphones, but wired microphones can connect to MIC1 or MIC2 input through connect cables if needed



MP3 PLAYER INPUT

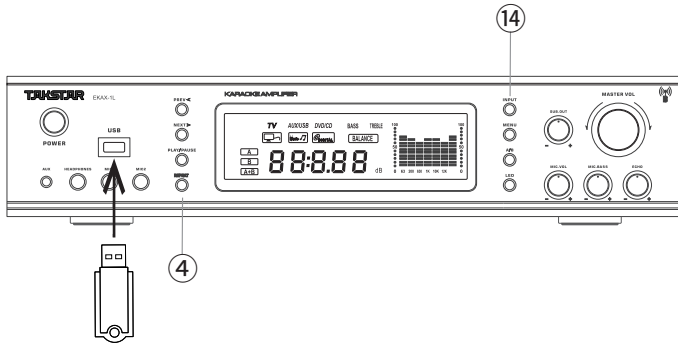
1. Connect with a 3.5mm audio cable
2. To iPod / MP3 player or any other device equipped with headphones output



EKAX-1L KARAOKE AMPLIFIER

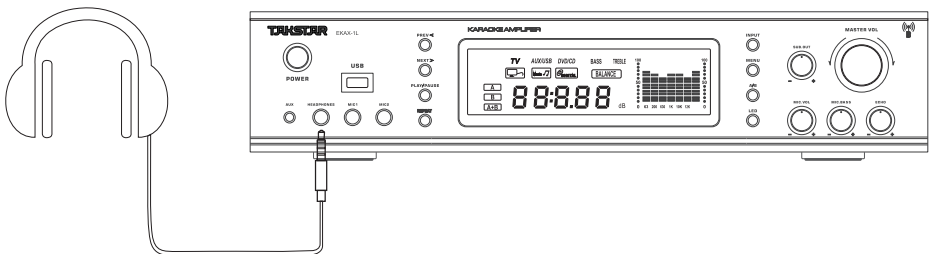
USB PLAYBACK

Press INPUT key ⑭ to set to AUX / USB mode, insert your USB flash drive to the USB interface of the product, and it will automatically play the audio files in your flash drive. Use function keys ④ on front panel to control the playback. (USB playback is prioritized)



HEADPHONE CONNECTION

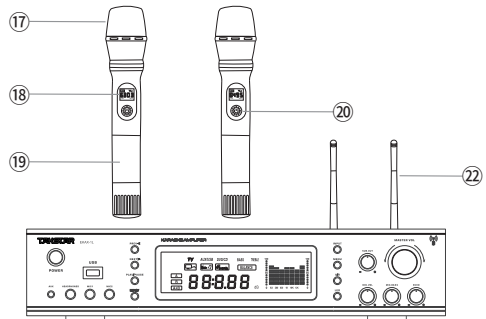
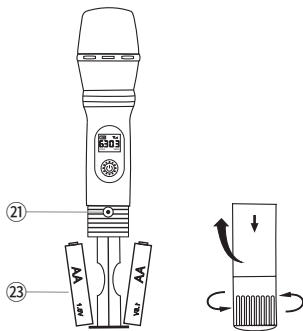
1. Headphones with 6.35mm plug required
2. Insert the headphone plug into the amplifier's HEADPHONES jack
3. After plugging in the headphones, the amplifier output is auto disconnected, and speakers are silenced



EKAX-1L KARAOKE AMPLIFIER

■ USING WIRELESS MICROPHONES

- ①⑦ Grille
- ①⑧ Display
- ①⑨ Back Cover
- ②⑩ Power Button (ON: Press for 1s; OFF: Press for 2s)
- ②⑪ Mic Frequency Adjust Button (Remove back cover to use)
- ②⑫ Mic Receiving Antenna
- ②⑬ Battery Compartment

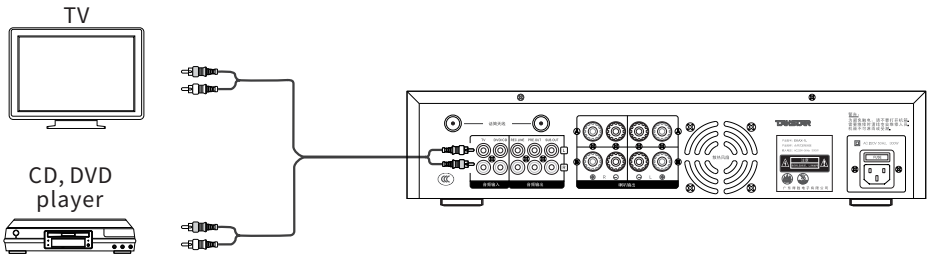


1. The two included wireless mics are already paired with the amplifier before shipping out. Simply install the batteries and power up the mics to use without extra steps required. You can also adjust the mic volume knob ⑧, mic bass knob ⑨, and mic echo knob ⑩ as you see fit.
2. In case of crosstalk or interference while using multiple amplifiers together or due to environmental conditions, you can change the mic frequency. First, power up both the amplifier and the mic, then remove the mic back cover and press ⑪ to change frequency. Once mic frequency is set, align the mic screen with the amplifier screen for about 3s, the amplifier will auto search and pair with the new mic frequency.

EKAX-1L KARAOKE AMPLIFIER

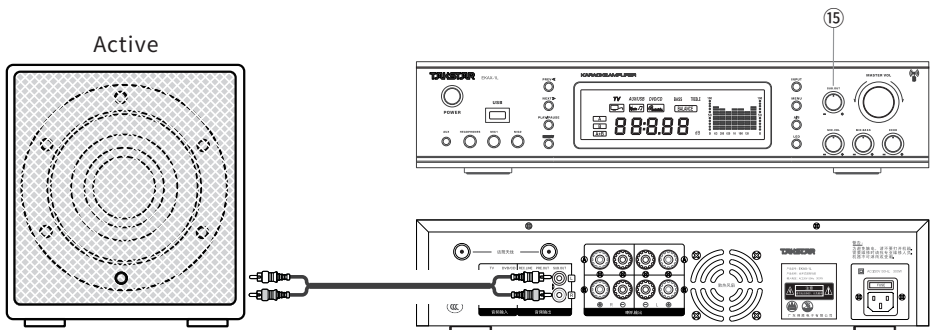
■ LINE AUDIO INPUT

1. Turn the amplifier volume knob to the minimum
2. Link CD/DVD audio devices to the TV audio input or DVD audio input on the amplifier rear panel using RCA audio cable
3. Press INPUT button to select corresponding input mode



■ SUBWOOFER CONNECTION

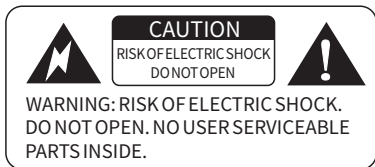
1. The RCA subwoofer output (SUB. OUT) on amplifier rear panel can be linked to an active subwoofer
2. Use the knob ⑮ to adjust subwoofer volume level



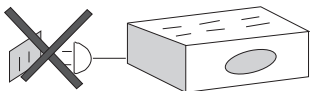
EKAX-1L KARAOKE AMPLIFIER

■ CAUTIONS

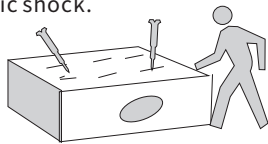
AC high-voltage parts inside. Risk of electric shock. Do not open. Open by qualified service personnel only.



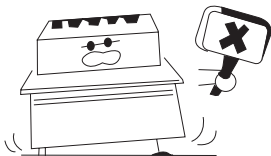
Use standard AC200V/240V, 50/60Hz power supply only. Confirm voltage before use and adjust power switch on rears.



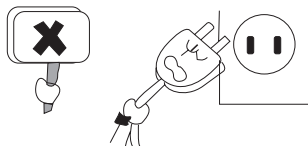
Do not drop any object or liquid inside through any opening. Conductive object or liquid may cause machine damage or electric shock.



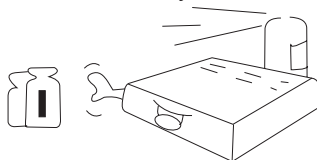
Place on a stable surface away from vibration and magnetic field.



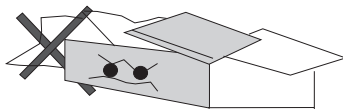
Do not step on, squeeze, pull or forcefully twist the power cord, especially at its receptacle and wall outlet.



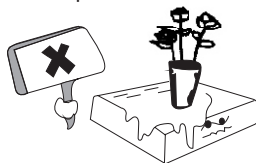
Cleaning: Do not wipe the case with volatile solutions, paint thinners, gasoline, benzene, etc. Just use a clean, dry cloth.



Keep in ventilated area 10cm away from wall. Do not cover any opening with objects atop or by placing it on uneven surface like bed, sofa, etc.



Keep away from highly humid or dusty areas. Do not place liquid-containing objects atop the device. Do not expose to rain or water splashes.



EKAX-1L KARAOKE AMPLIFIER

■ TROUBLESHOOTING

Lssue	Possible Cause	Troubleshooting
No power to device	Power connector is loose.	Insert the power connector firmly in place.
Power is on, but no sound	Music/Mic volume knob set to minimum	Adjust to a proper volume.
	Using the wrong channel	Switch to the correct channel.
	Speaker power cable is loose	Properly reconnect the cable.
Intermittent sound	Speaker power cable is damaged	Repair the damaged cable.
	Speaker power cable is short-circuited	Repair the short-circuited cable.
	Signal cable is damaged	Repair/replace the signal cable.
No sound via mic (but music is normal)	Mic is set to OFF	Set mic power switch to ON.
	Mic cable is damaged	Repair/replace the cable.
	Mic plug is loose	Properly reconnect the mic.
Sound on only one channel	Balance is turned to far left/right	Turn the Balance knob to middle.
	Speaker power cable on one channel is loose	Properly reconnect the speaker cable.
No sound during flash drive playback	No mp3 audio file on flash drive	Check the audio file in flash drive on computer.
Bluetooth not connected	Phone/computer Bluetooth is not turned on	Turn on the Bluetooth device again (Note: the amp auto connects to previously paired device).
	Amplifier is not in Bluetooth mode	Switch to Bluetooth mode.

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）。

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



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