

欢迎使用TKS-100音箱，这款内置二分频的全频音箱，采用了平面波导技术，声波的相位延时传导和声波导相叠加技术。音箱灵敏度高、音色优美、层次清晰、声音厚实。人声演唱音域宽，人声清晰、自然、逼真。主要应用于多功能厅、会议厅的主扩声或补声，慢摇吧，KTV工程安装等。使用前请您仔细阅读说明书，以便能正确的操作使用。

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

- TKS-100由一只10寸纸盆低音和一只36芯高音组成，高音采用了PEEK（下文将会介绍该材质的特性）膜片和铜包铝扁线音圈。低音采用耐高温玻璃纤维骨架做成的50芯铜包铝绕组线圈。这种音圈特点是效率高、稳定性好。采用对称磁路设计，减少了二次谐波失真。分频器元件的选用上，也采用了低损耗、小公差的无氧铜电感和高品质聚丙烯电容，以降低分频网络对音质的影响。
- Peek（该音箱的高音扬声器膜片材质）又名聚醚醚酮，是特种塑料之一，长期使用耐温度250度左右，在高温下保持良好的力学性能，耐磨，耐腐蚀。
- 箱体采用梯形结构，能抑制箱体内驻波，箱体采用15厘中纤板制作，外喷黑色耐磨点漆。后置一只提手和一只全铝托盘便于搬运和支撑。箱体采用多点吊挂，应用方便灵活。

■ 适用场合

用于多功能厅、会议厅的主扩声或补声，慢摇吧，KTV工程安装等。

■ 标准配置

TKS-100音箱
说明书

■ 技术参数

- 额定功率：600W(AES)
- 阻抗：8Ω
- 频率响应：50Hz-20kHz（±3dB）
- 灵敏度：97dB
- 覆盖角度：H100°×V55°
- 最大声压级：124dB
- 分频模式：无源二分频
- 分频点：2300Hz
- 吊挂/安装：多点吊挂/支架（可旋转调整）
- 接线方式：1×NL4喇叭连接器，连接1+、1-使用
- 箱壳：15厘中纤板
- 表面处理：黑色催化聚亚安酯漆
- 高频：1.4"×1（36芯，26mm喉口）90磁钢
- 低频：10"×1（50芯），145磁钢
- 规格（mm）：320×320×520（W×D×H）

注：以上数据由得胜实验室测试得到，并拥有最终解释权！

■ 注意事项

1. 匹配TAKSTAR品牌的EKA-3A功放使用。
2. 确保功率放大器和音箱的功率、阻抗相匹配，失衡搭配可导致设备损坏或音质效果不佳。
3. 音箱工作时的振幅较大，请不要在箱体上放置物品。
4. 音箱的安装需由专业工程人员进行，应固定牢靠，并选择安装在不易碰触的位置。
5. 搬运音箱时，请小心轻放，保护好音箱不受损坏。

■ 安全警示

为避免电击、高温、着火、辐射、爆炸、机械危险以及使用不当等可能造成的人身伤害或财产损失，使用本产品，请仔细阅读并遵守以下事项：

1. 使用产品时请确认所连接设备与本产品功率是否匹配以及合理调整音量大小，不要在超过产品功率及大音量下长时间使用，以免造成产品异常和听力损伤；
2. 使用中若发现有异常（如冒烟、异味等），请立即关闭电源开关并拔掉电源插头，然后将产品送经销商检修；
3. 本产品及配件都应放置在室内干燥通风处，勿长期存放在潮湿、灰尘多的环境，使用中避免靠近火源、雨淋、进水、过度碰撞、抛掷、振动本机及覆盖通风孔，以免损坏其功能；
4. 若产品需要固定于墙壁或天花板上时，请确保固定到位，防止因固定强度不足导致产品发生跌落危险；
5. 使用该产品时需遵守相关安全规定，法律法规明确禁止使用场合请勿使用本机，以免导致意外事故；
6. 请不要自行拆机改装或维修，以防止出现人身伤害，如有问题或服务需求请联系当地经销商跟进处理。

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：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

◆广东得胜电子有限公司 ◆电话：400-6828-333 ◆地址：广东省惠州市博罗县龙溪街道富康一路2号



Welcome to use TKS-100, the built-in 2 way full range speaker which adopts plane wave guide technology for overlapping phase delay transmission and the converted sound wave phase, high sensitivity, clear and charming tone, wide and natural range to suit for multifunction hall, conference hall, bar, KTV.

Please read the user manual for better operation and keep it for reference in future.

■ Features

- TKS-100 consists of one 10 inch cone woofer and one 36 mm tweeter. The tweeter uses PEEK diaphragm and CCA voice coil. The woofer uses refractory glass fiber bobbin and 50mm CCA winding voice coil for high efficiency and reliable performance, and symmetric magnet to reduce second harmonic distortion. The crossover components use extremely low consumption OFC inductor and high quality polyethylene capacitor to reduce the sound quality loss.
- Refractory Peek diaphragm is durable and anti-erosive and keeps excellent mechanical performance in 250°C during long time operation.
- 15mm MDF trapezoidal enclosure eliminates standing wave inside, black painting finish for anti-moisture, handle for easy transportation, Al socket for pole mounting, multiple flying points for flexible applications.

■ Application

Multi-function hall, conference hall, bar or KTV

■ Product Content

TKS-100 speaker cabinet
User manual

■ Specification

- Rated power: 600W(AES)
- Impedance: 8Ω
- Frequency response: 50Hz-20kHz (±3dB)
- Sensitivity: 97dB
- Coverage: H100°×V 55°
- Max SPL: 124dB
- Crossover mode: 2 way passive
- Crossover frequency: 2300Hz
- Suspension/installation: multiple flying points/pole mounting(adjustable angle)
- Connection: 1×NL4 speaker connector, connect 1+, 1- for operation
- Cabinet: 15mm MDF
- Finish: black painting
- HF: 1.4"×1 (36mm, 26mm throat) 90 magnet
- LF: 10"×1 (50mm), 145 magnet
- Dimension (mm): 320×320×520 (W×D×H)

Note: the above data is obtained from the test of Takstar laboratory, and has the final interpretation right!

■ Caution

1. Used with TAKSTAR EKA-3A power amplifier together.
2. Ensure to match the power and impedance of power amplifier and speaker cabinet. The unbalanced configuration leads to equipment damage or bad sound effect.
3. Do not put objects on the cabinet due to the severe vibration amplitude of the speaker cabinet.
4. Ask professional technician for reliable installation in a place hard to touch.
5. Handle with care during transportation to avoid speaker cabinet Damage.

■ Safety instruction

In order to avoid possible personal injury or property damage caused by electric shock, high temperature, fire, radiation, explosion, mechanical hazards and improper use, please read and observe the following items carefully before using the product.

1. When using the product, please confirm whether the power of the connected device matches the power of the product, and adjust the volume of the device. Do not use it for a long time when the power of the product is exceeded or at a high volume to avoid product failure and hearing damage.
2. If there is any abnormality (such as smoke, odor, etc.) during use, please turn off the power switch and unplug the power plug immediately, and then send the product to the dealer for maintenance.
3. The product and accessories should be placed indoors in a dry and ventilated place. Do not store them in a humid and dusty environment for a long time. Avoid getting close to fire, rain, water, excessive collision, throwing, vibrating the machine and covering the ventilation holes during use, so as not to damage its function.
4. If the product needs to be fixed on the wall or ceiling, please make sure to fix it in place to prevent it from falling down.
5. When using the product, you must abide by the relevant safety regulations. Please do not use the product in the occasions that are clearly prohibited by laws and regulations to avoid accidents.
6. Please do not disassemble, refit or repair the product by yourself to prevent personal injury. If you have any questions or service needs, please contact the local dealer for follow-up.