

欢迎使用EKS-121全频音箱，此款音箱采用无源二分频设计，单元配置上采用12寸低音单元加44芯高音的组合，灵敏度高、声压大的同时，更注重其音质的表现能力。以下是特性描述和性能参数，请仔细阅读，以便能合理的使用。

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

- 此款全频音箱采用了120磁钢44芯PI膜片、铝扁线高音，高音单元能承受较长时间的大功率而不易于烧毁。音色自然、柔和、清晰。与低音扬声器匹配调试后，相位准确，分频点选择符合高、低音单元的频率特性，衔接后响应平滑。
- PI（高音膜片材质）介绍：聚酰亚胺，是目前工程塑料中耐热性较好的品种之一，可长期承受290℃高温，短时间承受490℃的高温，另外具有出众的力学性能、耐疲劳性能、难燃性、尺寸稳定性。
- 采用了平面波导术，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、音域宽广、层次清晰、人声中低频厚实中高频透亮自然。
- 低音扬声器采用65芯铝扁线绕组线圈。这种音圈特点是质量轻、效率高。采用对称磁路设计，减少了二次谐波失真。
- 梯形箱体设计，能仰止箱体内驻波，箱体采用18厘中纤板制作，外喷耐磨洒点漆。箱体采用多点吊挂，应用方便灵活。

■ 适用场合

适用于多功能厅和会议室、剧院的主扩声或补声、舞台返送、KTV等工程安装。

■ 标准配置

EKS-121音箱
说明书

■ 技术参数

- 额定功率：700W(AES)
- 阻抗：8Ω
- 频率响应：50Hz-18kHz（±3dB）
- 灵敏度：96dB
- 覆盖角度：H100°×V55°
- 过载声压：121dB
- 分频模式：无源二分频
- 分频点：2100Hz
- 吊挂/安装：多点吊挂/支架
- 接线方式：1×NL4speakon，连接1+、1-使用
- 箱壳：18厘中纤板
- 表面处理：催化聚亚安酯漆
- 高频：1.75"×1（44芯，26mm喉口）120磁钢
- 低频：12"×1（65芯），170磁钢
- 规格（mm）：375×375×620（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

- 匹配TAKSTAR品牌的EKA-6A功放使用。
- 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。
- 音箱工作时的振幅较大，请不要在箱体上放置物品。
- 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。
- 搬运音箱时，请小心轻放，保护好音箱不受损坏。

■ 环保说明

产品中有害物质或元素名称及含量标识表										
部件名称	有害有毒物质或元素									
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)	邻苯二甲酸二正丁酯 (DBP)	邻苯二甲酸二异丁酯 (DIBP)	邻苯二甲酸丁基酯 (BBP)	邻苯二甲酸二(2-乙基)己酯 (DEHP)
塑料部件	○	○	○	○	○	○	○	○	○	○
金属部件	×	○	○	○	○	○	○	○	○	○
电路板组件	×	○	○	○	○	○	○	○	○	○
线缆	×	○	○	○	○	○	○	○	○	○
注1：○：表示该有害物质在该部件所有均质材料中的含量均不超过电器电子产品有害物质限制使用国家标准要求。 ×：表示该有害物质至少在该部件的某一均质材料中的含量超出电器电子产品有害物质限制使用国家标准要求。 注2：以上未列出的部件，表明其有害物质含量均不超过电器电子产品有害物质限制使用国家标准要求。										
此标志为产品的环保使用期限标志，且此环保使用期限只适用于产品正常工作的温度和湿度等条件。										10

■ 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：

- 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；
- 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；
- 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；
- 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；
- 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；
- 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。

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

◆广东得胜电声有限公司 ◆电话：400-6828-333 ◆地址：中国广东省惠州市博罗县龙溪街道夏寮村委会大门村夏寮（得胜创业园）



Welcome to use EKS-121 full range speaker cabinet. With two way passive design, it adopts a 12-inch woofer and a 44mm tweeter. With high sensitivity and high sound pressure, EKS-121 pays more attention to its sound quality. The following are feature descriptions and performance parameters. Please read the user manual carefully before use.

■ Features

- EKS-121 uses a 44mm PI diaphragm with a 120mm magnet and a tweeter of aluminum flat wires. The tweeter can withstand high power for a long time and is not easy to burn. The timbre is natural, gentle and articulate. After the tweeter and the woofer are matched and debugged, the phase is accurate, and the crossover frequency is selected in line with the frequency characteristics of the tweeter and the woofer for smooth frequency response.
- Introduction to PI (material for the tweeter diaphragm): Polyimide is one of the most heat-resistant varieties of engineering plastics. It can withstand high temperatures of 290°C for a long time and 490°C for a short time. In addition, it has outstanding mechanical properties, fatigue resistance, flame retardancy, and dimensional stability.
- The speaker adopts plane wave guide technology for overlapping phase delay transmission and the converted sound wave phase. It is designed with high sensitivity, beautiful timbre, wide range, clear gradation, thick sound at medium-low frequency, and natural as well as bright sound at medium-high frequency.
- The woofer adopts a 65mm winding coil of aluminum flat wires. This voice coil is characterized by light weight and high efficiency. The symmetrical magnetic circuit design reduces the second harmonic distortion.
- The cabinet is designed with the trapezoidal structure, which can suppress inside standing waves, made of 18mm MDF and sprayed with abrasion-resistant dot paint. It adopts multi-point hanging, which is convenient for application.

■ Specification

- Rated Power: 700W(AES)
- Impedance: 8Ω
- Frequency Response: 50Hz-18kHz (±3dB)
- Sensitivity: 96dB
- Coverage: H100°×V 55°
- Max SPL: 121dB
- Crossover Mode: two way passive
- Crossover Frequency: 2100Hz
- Suspension/Installation: suspension or pole mounting
- Connection: 1×NL4 speaker connector, connect 1+, 1- for operation
- Enclosure: 18mm MDF
- Finish: painting
- HF: 1.75"×1(44mm, 26mm throat) 120 magnet
- LF: 12"×1(65mm), 170 magnet
- Dimension (mm): 375×375×615 (W×D×H)

Note: The data is tested by Takstar Laboratory and Takstar has the final interpretation right!

■ Application

Multifunctional hall, conference hall, theater, stage monitoring, KTV installation

■ Product Content

EKS-121 speaker cabinet
User manual

■ Caution

1. It should be used together with the TAKSTAR EKA-6A power amplifier.
2. Make sure that the power and impedance of the power amplifier are matched with those of the speaker. Unbalanced matching can cause damage to the equipment or poor sound quality.
3. The amplitude of the speaker is large when it is working. Please do not place objects on the cabinet.
4. The installation of the speaker should be carried out by engineering professionals. It should be firmly fixed and installed in a location that is not easy to access.
5. When transporting the speaker, please handle it carefully to protect it from 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.