

欢迎使用EKS-101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。

产品特性

- EKS-101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。

技术参数

- 额定功率：250W
- 阻抗：8Ω
- 频率响应：60Hz-19kHz（±3dB）
- 灵敏度：95dB
- 覆盖角度：H100°×V55°
- 最大声压级：120dB
- 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，2+、2-可用于音箱并联
- 箱壳：15厘中纤板
- 表面处理：黑色催化聚亚胺酯漆
- 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。

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

EKS-101音箱
说明书

Welcome to use EKS-101, 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

- EKS-101 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.

Specification

- Rated power: 250W
- Impedance: 8Ω
- Frequency response: 60Hz-19kHz (±3dB)
- Sensitivity: 95dB
- Coverage: H100°×V 55°
- Max SPL: 120dB
- 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, connect 2+, 2- for parallel
- 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)

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.

Application

Multi-function hall, conference hall, bar or KTV

Product Content

EKS-101 speaker cabinet
User manual

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