

尊敬的用户：

欢迎使用ESA-081线阵列全频音箱，该音箱结构紧凑，吊挂安装、角度调节方便；音质方面，层次清晰、细腻耐听。适用于中、大型室内场合扩声及放音。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

- 1.单元结构上由8寸50芯纸盆中低音和44芯进口压缩驱动器高音组成；
- 2.低音采用弹性与耐疲劳性俱佳并附特殊涂层处理的布边折环，中低频反应迅速、动态足；
- 3.高音采用聚酰亚胺膜片，高频透亮平滑、细腻耐听，细节表现力好；
- 4.配上特定指向性平面波导号角，能有效控制垂直指向性，多只组合近似线性声源，远距离传播衰减小；
- 5.磁路采用对称设计，谐波失真小；
- 6.分频器元件采用了损耗值较低的无氧铜空心电感、高品质聚丙烯及聚酯电容，使分频网络稳定，音质出众；
- 7.箱体采用梯形结构，内壁贴附吸音棉能减少驻波的产生，使中低频在听感上表现得更干净，频响上更平坦；箱体结构紧凑，采用吊挂件连接，配备磁吸式插销，垂直角度-4°至 0°至 10°八档可调，可根据场地大小灵活调节辐射角度。

■ 标准配置

ESA-081音箱×1 连杆×2
插销×6 说明书×1

■ 适用范围

音乐餐吧、小型演出、多功能厅等

■ 技术参数

额定功率：300W(AES)
额定阻抗：8Ω
频率响应（±3dB）：75Hz-20kHz
灵敏度（1W/1M）：96dB
覆盖角：H120°×V10°
最大声压级：117dB
分频模式：无源二分频
分频点：1600Hz
吊挂/安装：吊挂件连接，垂直角度-4°- 0°- 10°八档可调
接线方式：2×NL4speakon (IN1+、1-、LINK1+、1-)
箱体板材：15mm夹板
表面处理：黑色聚亚安酯小点漆
高音：1.75"×1 (44芯)
低音：8"×1 (50芯)
规格：455×279×250mm (W×D×H)
净重：约15kg

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.为保证吊挂安全，单边最多不超过16只全频音箱；
- 2.需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；
- 4.使用时，音箱高音号角朝向听众区域，以确保获得较佳听感；
- 5.搬运音箱时，请小心轻放，保护好音箱不受损坏；

6.音箱使用完后，音箱上的插销、连接杆固定在音箱上，以免丢失。

■ 安装方式

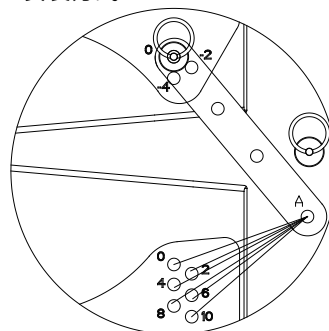


图1 (0°-10°调节)

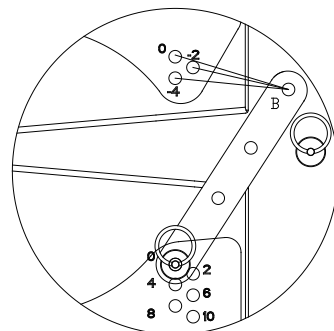


图2 (-2°/-4°调节)

1.全频音箱之间用吊挂件四点连接，其中后板吊挂件通过插销可进行垂直角度-4°至 0°至 10°八档可调(见上图)；

1) 0°-10°调节方法：B端固定插入0度孔位，A端插入相应所需角度孔位(如图1)，如需要调节8度，B插入0度的孔，A插入8度；

2) -2°/-4°调节方法：A端固定插入0度孔位，B端插入相应所需角度孔位(如图2)，如需要调节-2度，A插0度孔，B插入-2度的孔；

2.两只线阵列全频音箱为一组，用1条连接线并联，全频音箱每只8Ω，并联后阻抗值为4Ω；

3.此款线阵列全频音箱为内置分频，建议一组全频音箱接专业功放EKA-3A/3D/403/403D的一个通道。

■ 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；

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（不包含港澳台地区）。

◆ 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



Dear Customer,

Thank you for purchasing TAKSTAR ESA-081 line array speaker cabinet. It features compact structure, easy installation, adjustable angle, clear sound to suit for medium or large reinforcement applications.

Please read the user manual carefully before operation and keep it for reference in future. If you have any question or suggestion, please contact our local dealer.

■ Features

1. It consists of 8 inch 50mm cone MFLF and 44mm compression driver HF
2. The woofer is designed with elastic and durable cloth surround for quick MFLF response and sufficient dynamic
3. The HF is designed with Polyimide diaphragm for bright and flat high frequency and detailed sound
4. Special directivity wave guide horn is designed for effectively controlling the vertical directivity, linear sound source, low attenuation of long sound transmission
5. Symmetric magnet design, low harmonic distortion
6. The crossover is designed with low consumption OFC inductor, high quality polypropylene & polyester capacitor for reliable but prominent sound
7. Trapezoidal enclosure and acoustic foam eliminate standing wave and provide pure MFLF, flat frequency response. The speaker cabinet also features compact structure, connection bar and magnetic pin, vertically $-4^{\circ} \sim 0^{\circ} \sim 10^{\circ}$ adjustable in 8 steps to adjust the projection freely

■ Product content

Speaker cabinet	1pc
Connection bar	2pcs
Pin	6pcs
User manual	1pc

■ Application

Music bar, small show, multifunction hall

■ Specification

Rated Power: 300W(AES)

Rated Impedance: 8Ω

Frequency Response ($\pm 3\text{dB}$): 75Hz-20kHz

Sensitivity (1W/1M) : 96dB

Coverage: $H120^{\circ} \times V10^{\circ}$

Max SPL: 117dB

Crossover Mode: two way passive

Crossover Frequency: 1600Hz

Suspension: connection bar, pin, vertically $-4^{\circ} \sim 0^{\circ} \sim 10^{\circ}$ adjustable in 8 steps

Connector: $2 \times \text{NL4 speaker}$ (IN1+, 1-, LINK1+, 1-)

Enclosure: 15mm plywood

Finish: black painting

HF: $1.75'' \times 1$ (44mm)

LF: $8'' \times 1$ (50mm)

Dimension: $455 \times 279 \times 250\text{mm}$ (W×D×H)

Net Weight: approximate 15kg

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

■ Caution

1. To ensure safety, the maximum speaker cabinet quantity is 16 on one side.
2. Make sure the power and impedance of connected equipment matches with that of this product before operation
3. The speaker cabinets must be installed by professional technician, and in the place hard to touch.
4. Keep the horn to the audience area to ensure the sound effect.
5. Handle with care during moving the speaker cabinet to avoid damage.
6. Fix the connection bars and pins on the speaker cabinet after operation.

■ Installation methods

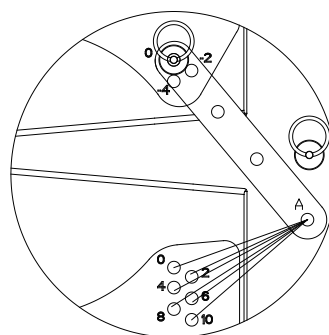


Figure 1 ($0^{\circ} \sim 10^{\circ}$ adjustment)

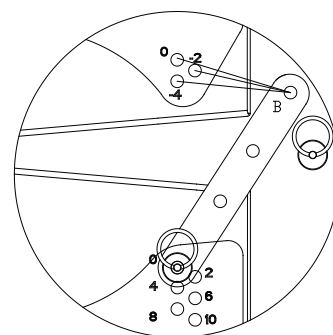


Figure 2 ($-2^{\circ} \sim -4^{\circ}$ adjustment)

1. Four flying points for suspension with $-4^{\circ} \sim 0^{\circ} \sim 10^{\circ}$ adjustable.

1) $0^{\circ} \sim 10^{\circ}$ adjustment: insert the pin into 0 hole at B, and insert into the relative hole at A (refer to figure 1), e.g. if you need to adjust to 8 degree, insert into 0 hole at B, and 8 degree at A.

2) $-2^{\circ} \sim -4^{\circ}$ adjustment: insert the pin into 0 hole at A, and insert into the relative hole at B (refer to figure 2), e.g. if you need to adjust to -2 degree, insert into 0 hole at A, and 2 degree hole at B.

2. Two line array speaker cabinets are paralleled as a group via one cable. Before paralleled impedance, 8Ω , after paralleled impedance 4Ω .

3. This full range speaker cabinet has built-in crossover. It is recommended to connect one group of full range speaker cabinets with one channel of pro power amplifier EKA-3A/3D/403/403D.

■ Safety instruction

To avoid electric shock, over temperature, catching fire, explosion, mechanical risk and hurt or property loss caused by improper use, please read the following items carefully before operation:

1. Make sure the power of connected equipment matches with that of this product before operation. Adjust the volume to proper level during operation. Do not operate at high volume level to avoid hearing loss.
2. If abnormal phenomenon (smoke, abnormal smell) happens, please turn off the power switch and disconnect the power plug with power socket, and send the product to local dealer for maintenance.
3. The product and accessories should be put in dry and ventilated place rather than humid or dusty environment. Prevent the product from liquid, rain, water, over-colliding, throwing, vibrating, vent hole covered to avoid function destroyed.
4. When the product needs to be installed on wall or ceiling, please fix it tightly to avoid dropping risk.
5. Please abide by safety rules during operation. Do not use the product in the place prohibited by regulation or law to avoid accident.
6. Do not disassemble or repair the product by yourself to avoid hurt. If you have question or need service, please contact the local dealer.