

尊敬的用户：

欢迎使用ECA-032线阵列全频音箱，配套ECA-081SUB超低音音箱，该音箱小巧美观，吊挂安装、角度调节方便；音质方面，层次清晰、细腻耐听。适用于室内语音扩声及放音。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 或使用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

- 单元结构上由双3寸20芯纸盆中低音和双25芯丝膜球顶高音组成。低音采用弹性与耐疲劳性俱佳的橡胶折环，中低频反应迅速、动态足；磁路采用对称设计，谐波失真小。高音采用透明丝膜，高频透亮平滑、细腻；采用钕铁硼磁路，质量轻，高频纤细，细节表现力好；磁路间隙中填充磁液，能有效降低低音圈温度，提升高音可靠性；配上特定指向性号角，能有效控制垂直辐射范围。
- 分频器元件采用了损耗值较低的无氧铜电感、高品质聚丙烯电容，使分频网络稳定，音质出众。
- 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，采用铝吊挂件连接，垂直角度0°-10°六档可调，可根据场地大小灵活配置音箱数量和调节辐射角度。
- 多只音箱组合近似线性声源，具有水平覆盖均匀、垂直指向性强、辐射区域内声能衰减较小的特点。

技术参数

- 额定功率：40W
- 额定阻抗：16Ω
- 频率响应（±3dB）：100Hz-20kHz
- 灵敏度（1W/1M）：92dB
- 覆盖角：H120°×V45°
- 最大声压级：108dB
- 分频模式：无源二分频
- 分频点：2500Hz
- 吊挂/安装：吊挂件连接，垂直角度0°-10°可调
- 接线方式：2×NL4speakon（IN1+、1-，LINK1+、1-）
- 箱体板材：5mm+9mm+15mm夹板
- 表面处理：白色聚亚胺酯小点漆
- 高频：1"×2（25芯），丝膜球顶
- 低频：3"×2（20芯），70磁钢
- 规格（mm）：302×167×112mm（W×D×H）
- 重量：净重2.4Kg

注意事项

1. 为保证吊挂安全，单边最多不超过20只线阵列全频音箱。
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

1. 全频音箱（ECA-032）与全频音箱（ECA-032）通过吊挂件三点连接，其中后板吊挂件通过插销可进行垂直角度0°-10°六档调节（如图1）；
2. 全频音箱（ECA-032）与超低音音箱（ECA-081SUB）三点连接，底板吊挂件通过螺栓对垂直角度两档调节（如图2）。
3. 四只线阵列全频音箱为一组，用3条连接线并联，并联后阻抗值为4Ω。建议一组全频音箱接专业功放EKA-3A/3D/403/403D的一个通道。

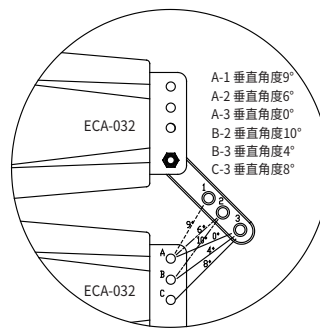


图1

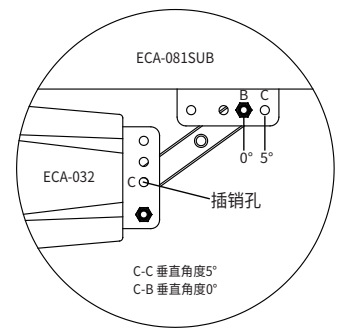


图2

适用场合

中小型宴会厅、多功能厅、大型会议室等

标准配置

ECA-032音箱×2
说明书×1



Dear Customer,

Thank you for purchasing ECA-032 line array full range speaker cabinet which used with ECA-081SUB subwoofer together. ECA-032 features compact contour, easy installation and adjustment, clear and delicate sound.

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

Features

- The line array is designed with 3 inch 20mm cone MFHF and dual 25mm silk dome tweeter. The woofer features elastic and durable rubber surround for quick and dynamic MFLF, symmetric magnet circuit for low harmonic distortion. The tweeter features transparent silk diaphragm for flat and bright treble, NdFeB magnet for light weight and slender but detailed treble. The magnet loop is filled with magnet liquid to reduce the voice coil temperature and meanwhile boost the reliability. Specific directivity horn is designed together to effectively control the vertical audio projection range
- The crossover is designed with low consumption OFC inductor and high quality polypropylene for reliable performance and prominent sound
- The trapezoidal enclosure is designed with acoustic foam to eliminate standing wave but boost the pure MFLF and flat frequency response. The compact enclosure is connected via Al pieces, vertically 0°-10°adjustable in 6 steps. The speaker cabinet quantity and projection angle can be adjusted according to the actual installation requirement
- Linear audio source, even horizontal coverage, strong vertical directivity, low attenuation in the projection range

Specification

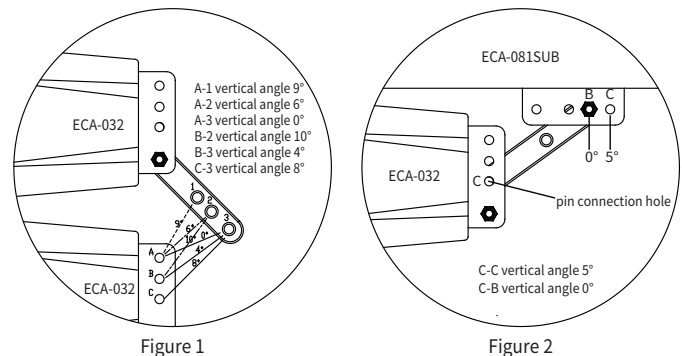
- Rated Power: 40W
- Rated Impedance: 16Ω
- Frequency Response(±3dB): 100Hz-20kHz
- Sensitivity(1W/1M): 92dB
- Coverage: H120°×V45°
- Max SPL: 108dB
- Crossover Mode: two way passive
- Crossover Frequency: 2500Hz
- Suspension/Installation: flying suspension, vertical 0°-10°adjustable
- Wiring: 2×NL4speakon(IN1+, 1-, LINK1+, 1-)
- Enclosure: 5mm+9mm+15mm plywood
- Finish: white painting
- Tweeter: 1"×2(25mm), silk dome
- Woofer: 3"×2(20mm), 70 magnet
- Dimension(mm): 302×167×112mm(W×D×H)
- Net Weight: 2.4Kg

Caution

1. To ensure installation safety, the full range speaker cabinet quantity can not be more than 20 on one side.
2. Make sure the power and impedance of speaker cabinet match with that of the power amplifier, otherwise it leads to equipment damaged or bad sound.
3. Ask professional technician for installation.
4. During operation, keep the horn toward the audience for better effect.
5. Handle with care during transportation.
6. After operation, fix the connection bar and pin on the cabinet to prevent from losing them.

Installation

1. Connect one ECA-032 with another ECA-032 via connection parts at three points. Use the pin to adjust vertical angle 0°-10° in 6 steps (refer to figure 1).
2. Connect ECA-032 with the subwoofer ECA-081SUB at three points. Use the bolt to adjust vertical angle in two steps (refer to figure 2).
3. Four full range speaker cabinets can be installed as a group in a parallel way via 3 cables, 4Ω impedance after connection. It is recommended to use one channel of power amplifier EKA-3A/3D/403/403D for one group of speaker cabinets.



Application

Medium or small banquet hall, multifunction hall, large conference room

Product Content

- ECA-032 speaker cabinet ×2
- User manual ×1