

■ 前言

尊敬的用户：

感谢您选购得胜EKS系列防水全频音箱，为了您能够更好的了解使用本产品，建议您在使用前仔细阅读本说明书。

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

- EKS系列防水音箱，通过IPX6级防水认证，可全天候使用，箱体表面喷涂聚脲漆，防水防潮抗腐蚀，延长箱体使用寿命的同时满足更多的使用环境；
- 采用平面波导技术，声波的相位延时传导和声波相叠加，以解决相位失真；
- 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；
- 采用耐高温玻璃纤维骨架做成的铜包铝绕组线圈，这种音圈特点是效率高、稳定性好；
- 对称磁路设计，减少了二次谐波失真；
- 高音采用压缩喉口和高分子高音膜片，高频透亮平滑；
- 梯形箱体设计，能够抑制箱体内驻波，箱体采用中纤板制作，提升音质纯净度。

■ 标准配置

- 音箱 1台
- 防水接头 1个
- 说明书 1份

■ 适用场合

适合在各种户外场合(商场、小区、车站、学校、公园、企业单位等)使用

■ 技术参数

产品型号	EKS-081F	EKS-101F	EKS-121F	EKS-151F	EKS-152F
防水等级	IPX6	IPX6	IPX6	IPX6	IPX6
额定功率	300W (AES)	500W (AES)	700W (AES)	900W (AES)	1800W (AES)
阻抗	8Ω	8Ω	8Ω	8Ω	4Ω
频率响应	65Hz-19kHz (±3dB)	60Hz-19kHz (±3dB)	50Hz-18kHz (±3dB)	48Hz-18kHz (±3dB)	45Hz-18kHz (±3dB)
灵敏度	93dB	95dB	96dB	98dB	101dB
覆盖角度	H100°×V55°	H100°×V55°	H100°×V55°	H100°×V55°	H100°×V55°
最大声压级	115dB	120dB	121dB	125dB	130dB
分频模式	无源二分频	无源二分频	无源二分频	无源二分频	无源二分频
分频点	2500Hz	2300Hz	2100Hz	1800Hz	500Hz (低音低通), 1900Hz (中低音、高音1分频), 2500Hz (高音2高通)
吊挂/安装	横向往吊挂安装	多点吊挂/支架(可旋转调整)	多点吊挂/支架(可旋转调整)	多点吊挂/支架支撑	多点吊挂/支架支撑
接线方式	防水四芯插头, 连接1+、2-	防水四芯插头, 连接1+、2-	防水四芯插头, 连接1+、2-使用	防水四芯插头, 连接1+、2-使用	防水四芯插头, 连接1+、2-, 不建议两只音箱并联使用
箱壳	15厘中纤板	15厘中纤板	18厘中纤板	18厘中纤板	18厘夹板
表面处理	黑色聚脲漆	黑色聚脲漆	黑色聚脲漆	黑色聚脲漆	黑色聚脲漆
高频	1.4"×1 (36芯)	1.4"×1 (36芯)	1.75"×1 (44芯)	1.75"×1 (44芯)	2"×1 (51芯) 1.35"×1 (34芯)
低频	8"×1 (50芯)	10"×1 (50芯)	12"×1 (65芯)	15"×1 (75mm)	15"×2 (75芯)
规格 (mm)	255×260×420 (W×D×H)	320×320×520 (W×D×H)	375×375×620 (W×D×H)	458×397×710 (W×D×H)	500×500×1200 (W×D×H)
产品重量	约12.5KG	约17.4KG	约23.7KG	约34.1KG	约54.9KG

注：以上数据由得胜实验室测试得到，并拥有最终解释权！

■ 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，使用本产品前，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（不包含港澳台地区）。

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



■ Preface

Dear Customer,
Thank you for purchasing Takstar EKS Series Waterproof Full-Range Speakers. In order to better understand and use the product, please read this manual carefully.
If you have any questions or suggestions, please contact our local sales service.

■ Features

- EKS series waterproof speakers hold IPX6 certification for all-weather use. With polyurea-coated cabinets (waterproof, moisture-proof, corrosion-resistant), they boast longer lifespan and wider application.
- Adopts planar wave waveguide technology: phase-delayed sound wave transmission and phase superposition eliminate phase distortion.
- High sensitivity, beautiful timbre, clear layers, rich sound; wide vocal range for singing, with clear, natural and realistic vocals.
- Features a copper-clad aluminum winding coil with a high-temperature-resistant glass fiber frame, offering high efficiency and good stability.
- Symmetrical magnetic circuit design reduces second harmonic distortion.
- Tweeter uses compressed throat & polymer diaphragm, delivering bright, smooth high frequencies.
- Trapezoidal cabinet design suppresses internal standing waves; made of MDF to enhance sound purity.

■ Applications

Suitable for various outdoor scenarios (malls, residential areas, stations, schools, parks, corporate entities, etc.)

■ Technical Specifications

Product Model	EKS-081F	EKS-101F	EKS-121F	EKS-151F	EKS-152F
Waterproof Rating	IPX6	IPX6	IPX6	IPX6	IPX6
Rated Power	300W (AES)	500W (AES)	700W (AES)	900W (AES)	1800W (AES)
Impedance	8Ω	8Ω	8Ω	8Ω	4Ω
Frequency Response	65Hz-19kHz (±3dB)	60Hz-19kHz (±3dB)	50Hz-18kHz (±3dB)	48Hz-18kHz (±3dB)	45Hz-18kHz (±3dB)
Sensitivity	93dB	95dB	96dB	98dB	101dB
Coverage Angle	H100°×V55°	H100°×V55°	H100°×V55°	H100°×V55°	H100°×V55°
Maximum SPL	115dB	120dB	121dB	125dB	130dB
Crossover Mode	Passive Two-Way	Passive Two-Way	Passive Two-Way	Passive Two-Way	Passive Two-Way
Crossover Point	2500Hz	2300Hz	2100Hz	1800Hz	500Hz (Low-pass), 1900Hz (Mid/High-1 Crossover), 2500Hz (High-2 High-pass)
Suspension/ Mounting	Horizontal Suspension	Multi-point Suspension/ Bracket (rotatable adjustment)	Multi-point Suspension/ Bracket (rotatable adjustment)	Multi-point Suspension/ Bracket Support	Multi-point Suspension/ Bracket Support
Terminal Type	Waterproof 4-pin connector, connect 1+, 2-	Waterproof 4-pin connector, connect 1+, 2-	Waterproof 4-pin connector, connect 1+, 2-	Waterproof 4-pin connector, connect 1+, 2-	Waterproof 4-pin connector, connect 1+, 2-. Not recommended for parallel connection of two speakers.
Cabinet	15mm MDF	15mm MDF	18mm MDF	18mm MDF	18mm Plywoo
Surface Finish	Black Polyurea Coating	Black Polyurea Coating	Black Polyurea Coating	Black Polyurea Coating	Black Polyurea Coating
High Frequency	1.4"×1 (36mm voice coil)	1.4"×1 (36mm voice coil)	1.75"×1 (44mm voice coil)	1.75"×1 (44mm voice coil)	2"×1 (51mm voice coil) 1.35"×1 (34mm voice coil)
Low Frequency	8"×1 (50mm voice coil)	10"×1 (50mm voice coil)	12"×1 (65mm voice coil)	15"×1 (75mm voice coil)	15"×2 (75mm voice coil)
Dimensions (mm)	255×260×420 (W×D×H)	320×320×520 (W×D×H)	375×375×620 (W×D×H)	458×397×710 (W×D×H)	500×500×1200 (W×D×H)
Product Weight	Approx. 12.5KG	Approx. 17.4KG	Approx. 23.7KG	Approx. 34.1KG	Approx. 54.9KG

Note: The above data are measured by Takstar laboratory which has the final interpretation right!

■ Standard Configuration

- 1 × Speaker
- 1 × Waterproof Connector
- 1 × User Manual

■ Safety Instructions

To avoid electric shock, overheat, fire, radiation, explosion, mechanical risk and injury or property loss due to improper use, please read and observe the following items before use:

1. Please check if the power of the connected equipment matches with that of this product before operation. Adjust the volume to proper level during operation. Do not operate at over-power or high-volume level for extended time to avoid product malfunction.
2. If there is any abnormality during use (e.g., smoke, strange odor), please kill the power switch and unplug from power source, then send the product to the local after-sales service for repair.
3. Keep this product and its accessories in a dry and ventilated area. Do not store in a humid or dusty area for extended time. Keep away from fire, rain, liquid intrusion, bumping, throwing, vibrating, or from blocking any ventilation openings, to prevent malfunction.
4. The product must, when installed on walls or ceilings, be fixed firmly in place at adequate strength to prevent from falling.
5. Please abide by safety rules during operation. Do not use the product in places prohibited by laws or regulations to avoid accident.
6. Do not disassemble or repair the product by yourself to avoid injury. If you have any questions or require any services, please contact our local after-sales service.