



VF Long range high power speaker series 远射程大功率全频音箱系列



VF series is the CAT KING outdoor speaker's flagship product, high pressure, high power, long distances. Combined with the use of flexible and convenient way, become the perfect substitute of line array speaker.

VF series adopts the high performance of the custom high frequency and low frequency drive unit, the material of the core unit Material configuration and the acoustic parameters is based on the enclosure structure and application of VF series positioning tailored, from Fully effective play to the performance of the product.

5" voice coil 220 mm high power high frequency unit and configure the large FRP sound the trumpet, the guarantee VF series high frequency extend greater coverage Angle, the signal travels farther. 5" 280 mm special 18" High power full frequency unit provide a steady stream of surging power, plus a special "bullet" Low frequency compressor configuration design, the low frequency output more strong shock.

VF系列是CAT KING户外音箱的旗舰产品，高升压、大功率，远射程。加之灵活方便的使用方式，成为线阵音箱的绝好替代产品。

VF系列全部采用定制的高性能高频和低频驱动器单元，核心单元的材料配置及声学参数是根据VF系列的箱体结构及应用定位量身定制，从而充分有效的发挥了产品的性能。

特制5"220mm的大功率高频单元并配置超大玻璃钢扩声号筒，保证了VF系列高频覆盖角度延展更大，讯号传的更远。5"280mm的特制18"大功率全频单元提供了源源不断的澎湃功率，加上特制的“子弹头”低频压缩器配置设计，低频输出更加震撼有力。

VF系列为内置无源分频设计并经过精心调制，科学合理的分频点，在保障单元稳定运行的同时输出均匀通透、清晰平衡的音质，打造全频段完美音色。高频过载保护电路的设计更大程度的减少扬声器的损坏机率，同时VF系列设计了外置功率限幅选择开关，全方位的保障系统的运行顺畅。

VF系列箱体采用特选多层夹板制造，叠层设计最大程度的减少了流动使用及现场安装的工作强度，移动滑轮的配置使产品的使用更灵活更方便。作为户外流动音箱，表面坚固耐磨至关重要，VF系列采用顶级的“金刚砂”漆面表覆，是目前专业音响行业内最坚固最耐磨的等级。

VF可根据现场的要求可进行任意的组合叠放使用，迅速营造矩阵声场满足现场扩声要求。VF系列与XCA专业音频处理器搭配使用，将发挥出更完美的音质效果。与VF18USB/218USB搭配使用，声场效果更加卓越。为保障VF产品性能的充分发挥，建议搭配CAT KING的PRO系列功率放大器配套使用。

我们相信无论是娱乐演出，运动场和户外商务活动，VF系列都能出色的达到您的扩声要求。



VF288 celebration special speakers
VF288庆典专用音箱

VF288喜庆红色款，专为婚宴、商务庆典，节日舞台表演设计使用。



Note 备注:

* peak 10 ms with MX1000 amplifier and max controller setup
峰值 10ms, 使用MX1000功放推动, 最大控制器设置

** -10dB with FR controller setup
-10dB 使用FR控制器设置

*** 1m free field pink noise crest factor 10dB with Mx1000 and SPL controller setup
1m自由场, 粉噪, 峰值系数10dB, 使用MX1000功放, SPL控制器设置

PU polyure high scratch proof coating PU超耐刮涂层表覆
MPP matt plain painting 平面哑光漆表覆
SPP shiny plain painting 平面亮光漆表覆
SP traditional structure painting 传统撒点漆表覆

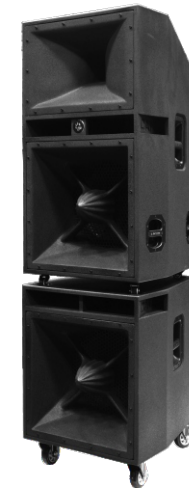
VF series designed and carefully for built-in passive crossover modulation, scientific and reasonable dividing point, in Security unit stable operation at the same time the output balance and clear, clear sound quality, make whole frequency Perfect sound. High frequency overload protection circuit design more reduce the damage to the speaker

VF series box adopts selected multilayer plywood manufacturing, laminated design reduces the flow of make to the greatest extent Use and site installation work intensity, the use of mobile pulley configuration make the product more flexible more parties Then. As outdoor mobile speaker, on the surface of solid wear-resisting is crucial, VF series USES the top "Corundum" paint table cover, is the professional audio industry one of the most solid wear-resisting level.

VF can be according to the requirements of field can be any combination of stacked use, quickly create a matrix of sound field To meet the requirements on site amplification. VF series with XCA professional audio processor use collocation, will play The more perfect sound effect. Use with VF18USB / 218 usb collocation, sound field effect more eminent The more. To guarantee VF give full play to the performance of product, recommend collocation CAT KING PRO series Power amplifier.

We believe that both entertainment performances, playground and outdoor business activities, VF series can be well To fulfill the requirements of your amplification.

VF255



VF289



VF283



Model 型号	VF255	VF289	VF283
Speaker Type 音箱类型	2-way full range system	3-way full range system	3-way full range system
Nominal impedance (Passive) 标称阻抗(无源)	4 Ω (+1/-1)	4 Ω (+1/-1)	4 Ω (+1/-1)
Power handling AES / Peak 额定功率/最大功率	1500 W/3000W	1800 W/3600W	2000 W/4000W
Frequency range (-10dB) 频率范围	42 Hz - 18 kHz	40 Hz - 18 kHz	40 Hz - 18 kHz
Crossover Frequency 分频交叉点	1.5KHz passive	3.2KHz/1.2KHz passive	2KHz passive
Sensitivity (1W; 1m) 灵敏度	104 dB	105 dB	105 dB
Max. SPL/1m peak (calc) 连续 / 最大声压级(计算值)	136dB/142dB	137dB/143 dB	138dB/144 dB
Horn directivity(hxv) 指向性(水平方向x垂直方向)	110° x 80°	110° x 80°	110° x 80°
LF transducer rated size 低音单元	2x15"(385mm) Cone	2x18"(450mm) Cone	2x18"(450mm) Cone
LF transducer voice coil diameter (低音单元音圈)	4"(99.6mm)	5"(125mm)	5"(125mm)
LF transducer magnet structure (低音单元磁体结构)	220mm ferrite 铁氧体	280mm ferrite 铁氧体	280mm ferrite 铁氧体
HF compression driver voice coil (高音驱动器音圈)	4"(99.4mm) Titanium 钛振膜	3"+4" Titanium 钛振膜	4"HF+12"MFx2(2"音圈/140磁体)
HF compression Throat diameter (高音驱动器喇叭口径)	1.5"(38mm)	1.5"(38mm)x2	1.5"(38mm)
HF compression magnet structure (高音驱动器磁体)	220mm Ferrite 铁氧体	170mm+220mm Ferrite 铁氧体	220mm Ferrite 铁氧体
Enclosure material 外壳材质	18mm Plywood 多层板	18mm Plywood 多层板	18mm Plywood 多层板
Available coating 箱体可用涂层	PU black 黑色砂点	PU black 黑色砂点	PU black 黑色砂点
Other 其他	Compressed Horn 压缩式相位号筒	Compressed Horn 压缩式相位号筒	Compressed Horn 压缩式相位号筒
Signal connection line 信号连接线	4-core cable 四芯电缆线	4-core cable 四芯电缆线	4-core cable 四芯电缆线
Input connectors 输入连接器	3xXLR 卡侬座	4xXLR 卡侬座	4xXLR 卡侬座
Moving 移动装置	4xTruckle 四个脚轮	4xTruckle 四个脚轮	4xTruckle 四个脚轮
Options 选配件	Flight case 航空箱	Flight case 航空箱	Flight case 航空箱
Dimension (WxHxD) 尺寸(宽x高x深)	560 x 1860 x 680 mm	610 x 1960 x 700 mm	613 x 2380 x 700 mm
Weight 重量	74+43 Kg	32+61+61 Kg	32+45+58+58 Kg