

HW HIGH POWER

POWERFUL TRANSDUCER

强大的驱动器

The driver is the core component of the speaker. CAT KING focuses on developing advanced transducer technology. We are proud that after 20 years of accumulated experience, we have been able to provide targeted drivers for each speaker.

驱动器是音箱的核心部件,CAT KING专注于开发先进的换能器技术,我们自豪的是:经过20年的经验积累实现了对每款音箱提供最匹配的驱动器。

卓越的性能

Neodymium magnets are the strongest permanent magnets known. This rare-earth material is lightweight and extremely powerful in comparison with the most common Ferrite magnet. CAT KING professional transducers feature neodymium magnets when a lightweight and smaller magnet assembly is required, such as in touring applications.

HW全部型号可升级为全天候性能,结构紧凑、高功率大动态的设计,特别适合户外流动演出及长期固定安装使用。当它们根据特殊应用要求按照IP56国际防水等级标准进行升级后,可应对意外的降雨天气和含水密度较高的潮湿环境的专业扩声需求。主要应用场所:文化广场、公园、各种演出场所、运动场、移动演出等。

Can be upgraded for All-weather performance
皆可升级为全天候性能



高功率系列

TWO-WAY HIGH POWER SERIES 二分频高功率专业扬声器

CAT KING's high-power High performance speakers provide first-class performance for the outdoor or indoor user market.

CAT KING的高功率扬声器,为户外或室内用户市场提供一流的性能。

The HW series are the most flexible and powerful speakers in their class. They offer extremely high output and dynamics as well as extremely high linearity and accuracy in a compact size. themA 2-way passive system in a bass-reflex configuration featuring a new high-power woofer and high-performance titanium diaphragm high-frequency compression driver, they are the ideal professional loudspeaker for

HW系列是同类产品中最灵活、最强大的高性能扬声器。他们提供极高的输出和动态以及极高的线性度和精度并可升级为防水性能。他们是一款二路被动系统,配备强大的大功率低音扬声器和高性能钛振膜高频压缩驱动器,他们是户外扩声、现场表演和活动的理想专业扬声器。



SPECIFICATIONS 规格参数

MODEL

Speaker Type 音箱类型
Nominal impedance (Passive) 标称阻抗(无源)
Power RMS /Program/ Peak 额定/程序/最大功率
Frequency range (-10dB) 频率范围
Crossover Frequency (Passive) 分频点(无源)
Sensitivity (2.83 V / 1 Meter) 灵敏度±3dB
Max. SPL/1m peak (calc) 连续/最大声压级
Horn directivity(hxv) 指向性(水平方向x垂直方向)
Low Frequency transducer 低频单元
LF transducer voice coil diameter 低频音圈
LF transducer magnet stucture 低频磁体结构
High Frequency Transducer 高频单元
HF compression driver voice coil 高频音圈
HF compression Throat diameter 高频吼直径
HF compression magnet structure 高频磁体结构
Enclosure material 外壳材质
Finsh (available coating) 箱体涂层
Protective grille 防护格栅
Rigging Points 安装点
Input connectors 输入连接器
Pole socket 支撑座
Dimension Unpacked (WxHxD) 净尺寸(宽x高x深)
Dimension Packed (WxHxD) 包装尺寸(宽x高x深)
Net Weight (Kg / lbs) 净重量(公斤/磅)
Gross Weight (Kg / lbs) 毛重量(公斤/磅)



HW10

10" passive speaker
8 Ω (+1/-1)
300 W/600W
56 Hz-18 kHz
2000Hz passive 被动
95 dB
122dB / 128dB
80° x 50°
10"(LF10170F-65) 铝盆
2.6"(65.75mm)
170mm ferrite 铁氧体
HF120F-1.75 压缩驱动
1.75" Titanium 钛金属
1"(26mm)
120mm Ferrite 铁氧体
15mm plywood 桦木夹板
PE/PU black 黑色细点漆
1.2 mm Black 1.2厚黑色
M8 Points M8安装点
2x XLR 卡依座
Φ35 mm (depth 80mm)
313 x 510 x 340mm
400 x 560 x 400mm
16 Kg / 35lbs
19 Kg / 42lbs



HW12H

12" Waterpool speaker
8 Ω (+1/-1)
600W / 1200W/2400W
58 Hz-18 kHz
1.5KHz passive 被动
96 dB
120dB / 126dB
90° x 70°
12"(LF12220F-100) 铝盆
4" (99.6mm)
220mm ferrite 铁氧体
HF170F-3 压缩驱动
3" Titanium 钛金属
1.4"(38mm)
170mm Ferrite 铁氧体
18mm plywood 多层桦木板
Polyurea black 黑色雨点漆
1.5mm Black 1.5厚黑色
M8 Points M8安装点
2x XLR 二个卡依座
Φ35 mm 螺纹底座
382 x 622 x 400mm
450 x 690 x 490mm
28 Kg / 62lbs
30 Kg / 66lbs



HW15H

15" Waterpool speaker
8 Ω (+1/-1)
700W / 1400W/2800W
55 Hz-18 kHz
1.5KHz passive 被动
98 dB
123dB / 129dB
90° x 70°
15"(LF15220F-100) 铝盆
4" (99.6mm)
220mm ferrite 铁氧体
HF170F-3 压缩驱动
3" Titanium 钛金属
1.4"(38mm)
170mm Ferrite 铁氧体
18mm plywood 多层桦木板
Polyurea black 黑色yd
1.5mm Black 1.5厚黑色
M8 Points M8安装点
2x XLR 二个卡依座
Φ35 mm 螺纹底座
405 x 680 x 455mm
545 x 750 x 545mm
34 Kg / 75lbs
37 Kg / 82lbs