

10

X series

TWO-WAY PASSIVE LOUDSPEAKER 无源二分频扬声器

Elegant design aesthetics and CATKING signature sound quality that delivers a supreme audio experience in any application, from restaurants and retail shops to clubs, corporate spaces and venues. Available in 3 sizes – starting from 10-inch to 15-inch woofers with excellent acoustic performance for both background and foreground music.

优雅的设计美学和 CAT KING 标志性音质，可在从餐厅和零售店到俱乐部、企业空间和娱乐场所的任何应用中提供卓越的音频体验。有三种尺寸可供选择 – 从 10 英寸到 15 英寸低音扬声器，具有出色的背景音乐和前景音乐声学性能。

Each model has Multi- points and can also be suspended or truss mounted using optional rigging and special accessories.

每个型号有多个安装点,也可以使用选配的索具和特殊配件进行悬挂或桁架安装。

SPECIFICATIONS 规格参数

MODEL

Speaker Type 音箱类型
Nominal impedance (Passive) 标称阻抗(无源)
Power handling RMS / Program 额定/连续功率
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 高频喇叭直径)
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)



X15

15" passive speaker
8 Ω (+1/-1)
500 W/1000W
56 Hz–18 kHz
1500Hz passive 被动
98 dB
124dB / 130dB
80° x 50°
15"(LF15200F-76)铝盆
3"(76.2mm)
200mm ferrite 铁氧体
HF170F-3 压缩驱动
3" Titanium 钛金属
1.5"(38mm)
170mm Ferrite 铁氧体
18mm 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 卡侬座
Φ35 mm (depth 80mm)
450 x 700 x 455mm
545 x 750 x 545mm
31 Kg / 68lbs
36 Kg / 79lbs



X12

12" passive speaker
8 Ω (+1/-1)
400 W/800W
52 Hz–18 kHz
1900Hz passive 被动
98 dB
124dB / 130dB
70° x 60°
12"(LF12190F-76)铝盆
3"(76.2mm)
190mm ferrite 铁氧体
HF170N-1.5 压缩驱动
1.5" Titanium 钛金属
1"(26mm)
60mm Rubidium 铷铁硼
18mm 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 卡侬座
Φ35 mm (depth 80mm)
360 x 615 x 408mm
435 x 680 x 480mm
25 Kg / 55lbs
29 Kg / 64lbs



X10

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 卡侬座
Φ35 mm (depth 80mm)
313 x 510 x 340mm
400 x 560 x 400mm
16 Kg / 35lbs
19 Kg / 42lbs

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Install sound

ACTIVE TWO-WAY LOUDSPEAKER

有源二分频扬声器



Powerful class D amplifiers

CAT KING's Class-D power amplifier technology packs huge performance operating with high efficiency into a lightweight solution. CAT KING amplifiers deliver an ultra-fast attack, realistic transient response, and impressive audio performance. The amplifier features a solid machined aluminium structure which not only stabilises the amplifier during transportation but also helps the heat dissipation. All the amplifiers present SMPS power supply section to produce maximum output and minimum weight.

强大的 D 类放大器

CAT KING 的 D类功率放大器技术将巨大的性能和高效率集成到一个轻量级解决方案中。CAT KING的放大器可提供超快的起音、逼真的瞬态响应和令人印象深刻的音频性能。该放大器采用坚固的加工铝结构，不仅可以在运输过程中稳定放大器，还有助于散热。所有放大器均配备 SMPS 电源部分，以产生最大输出和最小重量。

Active advantage

An active sound system means having the power amplifier on-board of the cabinet. This brings some advantages:

- Reduced setup time
- Daisy chain signal and power connection of the entire system or by groups
- No additional amplifier rack(s), saving space in the truck
- The sound quality and performance are optimized to the individual components inside the speaker

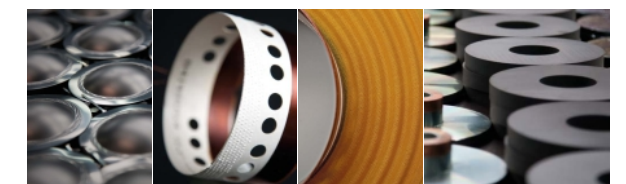
安装有源模块的优势

有源音响系统意味着将功率放大器安装在箱体上。这带来了一些优点：

- 减少设置时间 快速响应现场应用
- 整个系统或按组的信号和电源连接
- 无需额外的放大器架，节省运输空间
- 音质和性能针对扬声器内部的各个组件进行了优化

CAT KING specialises in developing advanced transducer technology including the application of high-tech materials such as Neodymium, Carbon Fiber, Pure Titanium, Kevlar, Kapton and Mylar hybrids. With over 20 years of design and manufacturing experience in the market, Our latest developments have resulted in designing state of the art neodymium magnetic circuits, radically new voice coil ventilation systems and ground breaking direct drive voice coil assemblies.

CATKING专注于开发先进的换能器技术，包括高科技材料的应用，如钕、碳纤维、纯钛、Kevlar、Kapton 和 Mylar 混合材料。CAT KING在市场上拥有20年的设计和制造经验，我们的最新研发成果包括设计最先进的钕磁路、全新的音圈通风系统和直接驱动的音圈组件。



Active series

有源系列:

X10W / X12W / X15W

