

专业音频产品目录

Professional Audio Catalog



广州市智泓电子有限公司

AA1 TECHNOLOGY ELECTRONIC CO., LIMITED

智泓公司创立20多年，旗下品牌科谛奥作为一家集研发、设计、生产、销售于一体的专业音响品牌，多年来始终致力于为全球用户提供高品质音频产品。公司拥有自主产权的现代化工厂，先进的生产设备与成熟的生产线，从原材料把控到成品出厂，每一个环节都遵循严格质量标准。

产品涵盖专业舞台音响、家用音响、吉他音响，蓝牙音响等多元品类，凭借卓越音质、时尚外观和稳定性能，畅销国内并远销美国、德国、法国、意大利等欧美国家等地区，深受消费者喜爱与信赖。并且荣获了行业技术科技奖、高新技术企业等多项荣誉。

让音乐点亮我们的生活，是科谛奥一直遵循的宗旨。

The AA1 Technology Electronic co. Limited Company has been established for more than 20 years. Its brand CHORDIO, as a professional audio brand integrating research and development, design, production and sales, has been committed to providing high - quality audio products for global users for many years.

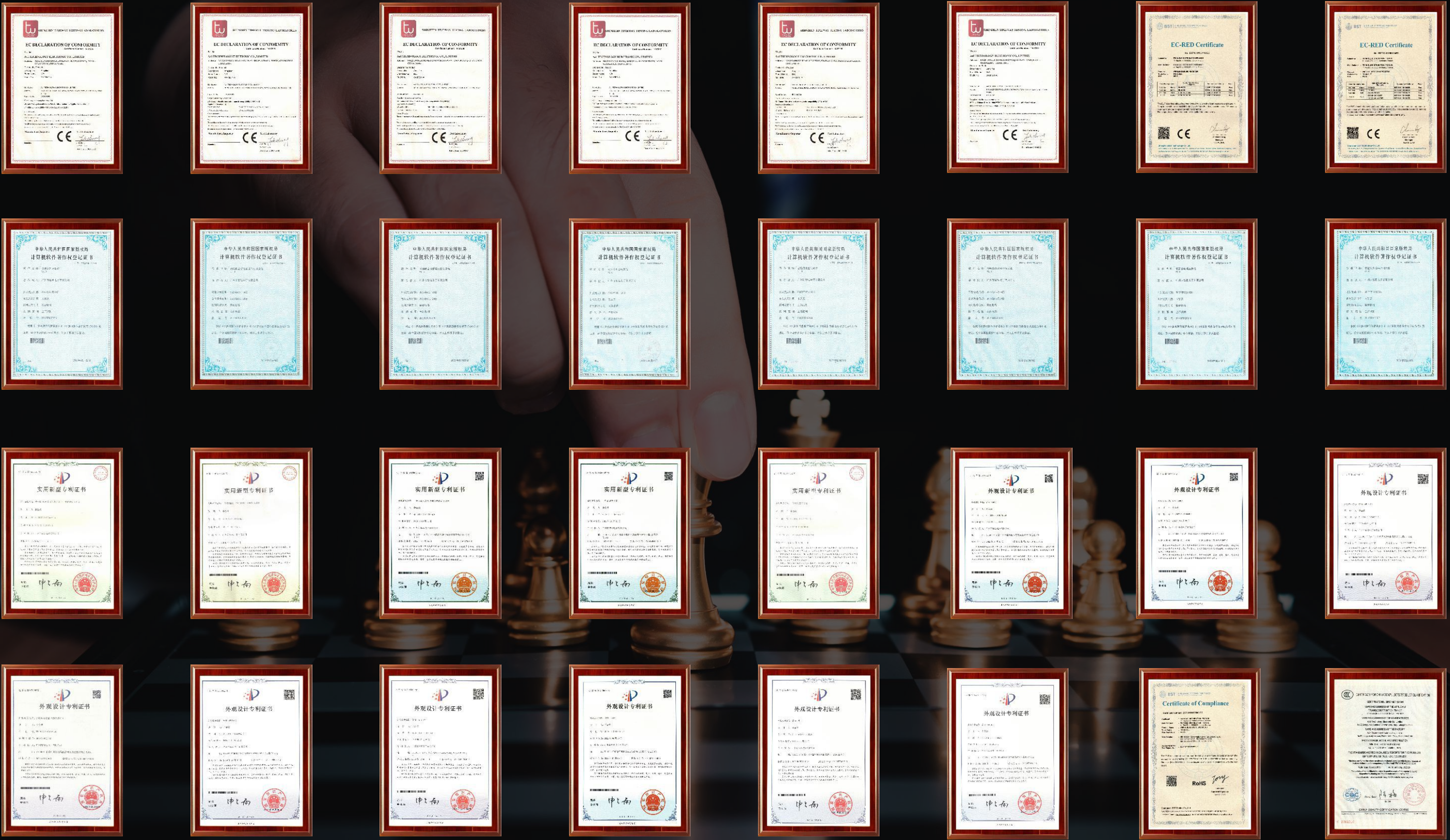
The company owns a modern factory with independent property rights, advanced production equipment and a mature production line. From the control of raw materials to the delivery of finished products, every link follows strict quality standards.

The products cover a wide range of categories, including home audio systems, professional stage audio equipment, guitar amplifiers, Bluetooth speakers, etc. With its excellent sound quality, fashionable appearance and stable performance, the products sell well both in China and are exported to European and American countries and regions such as the United States, Germany, France, Italy, etc., and are deeply loved and trusted by consumers. Moreover, the company has won a number of honors, such as industry technology and science awards, and the title of High-tech Enterprise.

Letting music light up our lives is the principle that CHORDIO has always adhered to.

追求创新 卓越品质

Pursue innovation and achieve excellent quality



部分工程案例

Partial Engineering Cases

专业音频系统解决方案供应商

Professional audio system solution provider

多个世界知名专业音响品牌总代，数千例不同场所成功案例

General agent for multiple world-renowned professional audio brands,
with thousands of successful cases in different venues.

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CHORDIO

LET MUSIC LIGHT UP LIFE
让音乐点亮生活

线阵类音响系统

Line Array Audio System

01

LY310

Dual 10-inch three-way line array speaker
双10寸外置三分频线阵全频音箱

组合参数

Combination parameters

特点

LY310——双10寸外置三分频线阵全频音箱系统，于紧凑箱体中集成双高音、四中音与10英寸低频单元，声学表现优越。轻巧灵活的特性，使其能无缝适配舞台演出、教堂、酒店等室内外场景，从容应对中大型活动需求，兼具出色的扩声效果与较低使用成本。

Feature

LY310——dual 10-inch external three-way line array full-range speaker system integrates dual tweeters, four mid-range drivers and 10-inch low-frequency units in a compact cabinet, delivering superior acoustic performance. Its lightweight and flexible characteristics enable it to seamlessly adapt to indoor and outdoor scenarios such as stage performances, churches, hotels, etc., calmly meeting the needs of medium to large-scale events, while featuring excellent sound reinforcement effects and low usage costs.



应用领域

- 大型演出: 音乐节、演唱会、剧院表演等;
- 体育赛事: 体育场馆，学校礼堂等;
- 大型集会: 国际会议中心，户外集会等;
- 旅游景点: 主题公园、旅游景点等扩声场所。

Application

- Large-scale performances: music festivals, concerts, theater performances, etc.;
- Sports events: stadiums, school auditoriums, etc.;
- Large-scale gatherings: international conference centers, outdoor gatherings, etc.;

Tourist attractions: theme parks, tourist attractions and other sound reinforcement venues.



设备名称 Description	双10寸外置三分频线阵全频音箱 Dual 10-inch external three-frequency linear array full frequency speaker
产品型号 Model: LY310	灵敏度 Sensitivity: LF:97dB/MF:99dB/HF:109dB
数量 Quantity: 8	频率响应 Frequency Range (+/-3 dB): 55 Hz ~18kHz
高音 Tweeter: 2x 3"	辐射角度 Dispersion: (-6 dB)H x V90°x 10°
中音 Tweeter: 4x 5"	最大声压级 Maximum SPL:
低音 Woofer: 2x 10"	LF:125dB/131(Peak)MF:125dB/131(Peak)HF:129dB/135(Peak)
标称阻抗 Nominal Impedance: LF:8Ω/MF:8Ω/HF:8Ω	连接插座 Connection: LF+/-/12MF+/-/3/4HF+/-/5/6
箱体尺寸 Box Size: 946*465*910mm	箱体尺寸 Box Size: 946*465*910mm
额定功率 Power Handling: LF:600W/MF:400W/HF:120W	净重 Net Weight: 35kg



设备名称 Description	监听音箱(全天候防水) Monitor speaker (all-weather waterproof)
产品型号 Model: NM-12	频率响应 Frequency Response: 65Hz-18.5KHz
数量 Quantity: 2	平均功率 Average Power: 400W
阻抗 Impedance: 8Ω	峰值功率 Peak Power: 1600W
灵敏度 Sensitivity: 102dB/W/m	箱体尺寸 Box Size: 440*300*460mm
扩散角度 Diffusion Angle: 90°Hx90°V	净重 Net Weight: 17kg
构成 Construction: 12"×1.7"	毛重 Gross Weight: 19kg
最大声压级 Maximum SPL: 132dB	



设备名称 Description	超低音功放 Subwoofer amplifier
产品型号 Model: C21800	立体声功率 Stereo Power: 80 1800W*2, 4Q 2700W*2
数量 Quantity: 2	8Ω 桥接功率 Bridge Power: 4600W
总谐波失真 THD: 0.01%	频率响应 Frequency Response: 20Hz-20KHz(±0.3dB)
信噪比 SNR: 108dB	输入灵敏度 Input Sensitivity: 0.775V/1V/1.55V
转换速率 Conversion Rate: 80V/us	输入阻抗 Input Impedance: 10K ohms-20K ohms
阻尼系数 Damping Coefficient: 550:1	面板指示灯 The panel light: Signal, dttive, clip/limiting
尺寸 Size: 450*483*88mm	电源 Power Supply: 220V/50/60z
重量 Weight: 26.5Kg	最大功耗 Maximum Power Consumption: 6200W



设备名称 Description	智能电源管理器 Smart power manager
产品型号 Model: DF-14	数量 Quantity: 2
主要特点:	
2U机架式机箱设计，空气开关回路，过流保护，后面板14通道输出可控，前面板1路直通，16A万用插座。支持通道1秒延时开关控制。支持通道全开、全关控制，单组通道开关控制。支持2台设备级联顺序控制。支持外部开关信号触发时序电源启动和关闭。	
Principal Features:	
2U rack height Chassis design, Air switch short circuit, overcurrent protection. Rear panel 14-channel output controllable, front panel 1-way through, 16A universal socket. Support channel 1 second interval timing switch control. Support channel full open, full close control, Support single channel switch control. Supports cascade sequence control of 2 devices. Support external switching signals to trigger timing power start and close.	



设备名称 Description	无线手持话筒 Wireless handheld microphone
产品型号 Model: GT6000	数量 Quantity: 1
主要特点:	
2U机架式机箱设计，空气开关回路，过流保护，后面板1路直通，16A万用插座。支持通道1秒延时开关控制。支持通道全开、全关控制，单组通道开关控制。支持2台设备级联顺序控制。支持外部开关信号触发时序电源启动和关闭。	
Principal Features:	
The circuit design adopts true diversity superheterodyne diversity reception, which improves the signal stability and anti-interference performance of the receiver. The receiver panel is equipped with a fast [SYNC] frequency pairing button. Pressing it can quickly synchronize the working frequency points of the receiver and the transmitter. The receiver uses a 2.0-inch full-color IPS display, featuring simple operation and stable performance. It allows one-key access to settings to present the required parameters.	



设备名称 Description	田字架 Flying frame
产品型号 Model: A-208	数量 Quantity: 2
定制配套吊架，配长短连杆，4个U型扣，2条绑带。	
Customized supporting hangers with long and short connecting rod, 4 U buckle, 2 bandages.	



设备名称 Description	双18寸超低音箱 Twin 18" subwoofer speakers
产品型号 Model: KD-218	频率响应 Frequency Response: 35Hz-200Hz
数量 Quantity: 4	峰值功率 Peak Power: 4800W
低音 Woofer: 2x18"	最大声压级 Maximum SPL: 130dB (Continuous), 136dB (Peak)
灵敏度 Sensitivity: 98dB/W/m	箱体尺寸 Box Size: 1060*760*550mm
阻抗 Impedance: 4Ω	
平均功率 Average Power: 2000W	



设备名称 Description	线阵/监听功放 Linear array/monitoring amplifier
产品型号 Model: C2100	输出功率 Output Power: 80 1300W*2, 4Q 2250W*2
数量 Quantity: 5	8Ω 桥接功率 Bridge Power: 3600W
总谐波失真 THD: <0.01%	频率响应 Frequency Response: 20-20KHz/±1dB
信噪比 SNR: ≥97dB	阻尼系数 Damping Coefficient: (1KHz)≥900@ 8 Ohms
分辨率 Resolution: (1KHz)≥85dB	最大功耗功率 Maximum Power consumption: 2600W
供电 Supply Electricity: 220V/50Hz	输入灵敏度 Input Sensitivity: 0.775V/1V/1.44V
尺寸 Size: 482*470*88mm	输入阻抗 Input Impedance: 10K ohms-20K ohms
重量 Weight: 14Kg	



设备名称 Description	数字音频处理器 Digital audio processor
产品型号 Model: DA448S	数量 Quantity: 1
主要特点:	
DA448S是一款全数字音频处理器，外形小巧大方；4路模拟平衡输入，2路AES/EBU数字输入；1路可扩展DAANTE接口；8路模拟平衡输出；每路输入和输出均有10段PEQ，USB和以太网（RJ45），通过连接PC、MAC进行设置和实时监控；支持Windows/Mac。	
Principal Features:	
DA448S is a full-digital audio processor with a simple and elegant appearance. It features 4-channel analog balanced inputs, 2-channel AES/EBU digital inputs, and 1 expandable DAANTE interface, along with 8-channel analog balanced outputs. Each input and output channel is equipped with a 10-segment PEQ. With USB and Ethernet (RJ45) interfaces, it can be connected to PC or MAC for configuration and real-time monitoring, supporting both Windows and Mac systems.	



设备名称 Description	数字调音台 Digital mixing console
产品型号 Model: MX20	数量 Quantity: 1
主要特点:	
基于Linux操作系统开发，无病毒害，运行更安全稳定；升级版4核CPU处理器，1G主频，16秒急速开机，运行速度更快；16路MIC+16路立体声输入，AES接口，数字录音，幻象电源，混音器等效处理；17个ALPS电动推子，10路输出；双DSP效果器，100场景存储；7寸触摸屏，多系统操控，调音调节。	
Principal Features:	
Developed based on the Linux operating system, it is immune to viruses and runs more safely and stably. With an upgraded 4-core CPU processor, a 1G main frequency, and a 16-second fast boot, it runs faster. It supports 16-channel MIC + stereo input, AES interface, and digital recording. It also features sound effect processing such as phantom power and voltage limiter. Equipped with 17 ALPS electric faders and 10-channel outputs, dual DSP effectors, and 100-scene storage. It has a 7-inch touch screen for multi-system control and network port adjustment.	



设备名称 Description	无线话筒天线放大器 Wireless microphone antenna amplifier
产品型号 Model: R-208U	数量 Quantity: 1
主要特点:	
天线分配器可以在多频道系统中引导天线信号到一对天线到多台接收机使用，配有两块平面式有源接收板，以简化天线调试工程，提升接收距离及效能。能在多频道使用时使用排除外部信号干扰，天线输入接口具有低噪声的电源。	
Principal Features:	
The antenna distributor can guide antenna signals from a pair of antennas to multiple receivers in a multi-channel system. It is equipped with two planar active receiving boards to simplify antenna assembly engineering and enhance receiving distance and efficiency. Capable of simultaneous use in multiple channels to eliminate external signal interference, the antenna input socket is provided with the power supply for the wave filter.	

注：LY310系统所需的机柜需根据实际情况定制。
Note: The cabinet required for the LY310 system needs to be customized according to the actual situation.

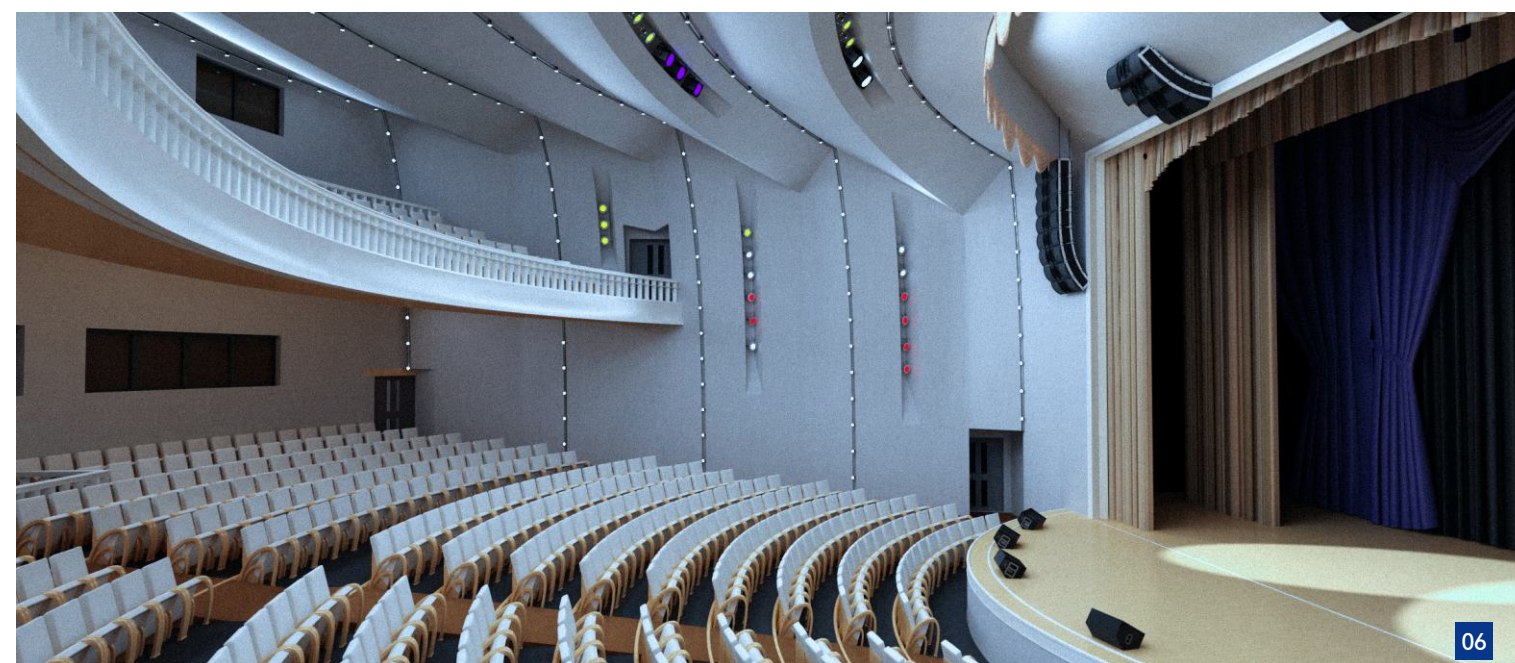
LY310

◎ 制造 · 专业 · 高品质

Manufacture · Professionalism · High Quality

LY310拥有出色的清晰度、优越的音频性能、远距离下仍保持格外平滑的频率响应、非凡的动态带宽以及超高的功率和动态余量；在任何类型的扩声系统应用当中，是作为中等乃至大型线阵列系统的最佳选择。

LY310 features excellent clarity, superior audio performance, an exceptionally smooth frequency response over long distances, remarkable dynamic bandwidth, and ultra-high power and dynamic headroom. In any type of sound reinforcement system application, it serves as the best choice for medium to large line array systems.



V210 Dual 10-inch three-way line array speaker

双10寸内置三分频线阵音箱

特点

V210是一款双10寸三分频线阵音箱。它采用精密等路径号角负载,以同轴排列的方式装载中频单元后,将高频声频波形由球面波转换为等相位平面波,极大减少了高频干涉效应,使远距离下声音清晰度大大提高。当需要极低频率时,可选用V210S来组成一个全号角式无缝衔接的四分频系统。

Feature

V210 is a dual 10-inch three-way line array speaker. It adopts a precision equal-path horn loading. After loading the mid-frequency unit in a coaxial arrangement, the high-frequency sound wave is converted from a spherical wave to an equal-phase plane wave, which greatly reduces the high-frequency interference effect and significantly improves the sound clarity at long distances. When extremely low frequencies are required, V210S can be selected to form a full-horn seamless four-way frequency system.



应用领域

大型演出: 音乐节、演唱会、剧院表演等;
体育赛事: 体育场馆, 学校礼堂等;
大型集会: 国际会议中心, 户外集会等;
旅游景点: 主题公园、旅游景点等扩声场所。

Application

Large-scale performances: music festivals, concerts, theater performances, etc.;

Sports events: stadiums, school auditoriums, etc.;

Large-scale gatherings: international conference centers, outdoor gatherings, etc.;

Tourist attractions: theme parks, tourist attractions and other sound reinforcement venues.

组合参数

Combination parameters



设备名称 Description	双10寸内置三分频线阵音箱 Dual 10-inch built-in three-way line array speaker
产品型号 Model: V210 数量 Quantity: 8 高音 Tweeter: 2x44mm 中音 Midrange: 8" 135mm 低音 Woofer: 2x170mm 阻抗 Impedance: 8Ω 额定功率 Power Handling: 850W 频率范围 Frequency Range: 30Hz-20KHz	灵敏度 Sensitivity: 109dB SPL 1w/1m 频率响应 Frequency Response: 90Hz-18KHz(±3dB) 辐射角度 Radiation Range: H×V 110°×20° 最大声压级 Maximum SPL: 141dB 输入接口 Input Interface: 2xNeutrik® NL4MP 箱体尺寸 Box Size: 300*958*95mm 净重 Net Weight: 45kg



设备名称 Description	双18寸超低音箱 Dual 18-inch subwoofer
产品型号 Model: KD-218G 数量 Quantity: 4 低音 Woofer: 2x18" 灵敏度 Sensitivity: 98dB/W/m 阻抗 Impedance: 4Ω 最大声压级 Maximum SPL: 130dB (Continuous), 136dB (Peak)	频率响应 Frequency Response: 35Hz-200Hz 峰值功率 Peak Power: 4800W 平均功率 Average Power: 2000W 箱体尺寸 Box Size: 1060*760*550mm



设备名称 Description	线阵功放 Line array power amplifier
产品型号 Model: MA1000 数量 Quantity: 4 总谐波失真 THD: ≤0.008% 信噪比 SNR: ≥100dB 转换速率 Conversion Rate: 80V/us 阻尼系数 Damping Coefficient: ≥1000 分辨率 Resolution: ≥85dB 尺寸 Size: 482*470*88mm 重量 Weight: 13Kg	立体声功率 Stereo Power: 8Ω 1000W*2, 4Ω 1800W*2 8Ω 桥接功率 Bridge Power: 2800W 频率响应 Frequency Response: 20Hz-20KHz(±1dB) 输入灵敏度 Input Sensitivity: 0.775V/1V/1.44V 输入阻抗 Input Impedance: 10K ohms-20K ohms 面板指示灯 The Panel Light: Signal, dctive, clip/limiting 电源 Power Supply: 220V/50Hz 最大功耗 Maximum Power Consumption: 2300W



设备名称 Description	监听功放 Monitor Amplifier
产品型号 Model: MA1000 数量 Quantity: 2 总谐波失真 THD: ≤0.008% 信噪比 SNR: ≥100dB 转换速率 Conversion Rate: 80V/us 阻尼系数 Damping Coefficient: ≥1000 分辨率 Resolution: ≥85dB 尺寸 Size: 482*470*88mm 重量 Weight: 13Kg	立体声功率 Stereo Power: 8Ω 1000W*2, 4Ω 1800W*2 8Ω 桥接功率 Bridge Power: 2800W 频率响应 Frequency Response: 20Hz-20KHz(±1dB) 输入灵敏度 Input Sensitivity: 0.775V/1V/1.44V 输入阻抗 Input Impedance: 10K ohms-20K ohms 面板指示灯 The Panel Light: Signal, dctive, clip/limiting 电源 Power Supply: 220V/50Hz 最大功耗 Maximum Power Consumption: 2300W



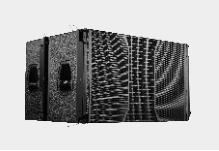
设备名称 Description	数字音频处理器 Digital audio processor
产品型号 Model: DA448S 数量 Quantity: 1	
主要特点: DA448S 是一款全数字音频处理器, 外观简洁大方, 4路模拟平衡输入, 2路AES/EBU数字输入, 1路可扩展DANTE接口, 8路模拟平衡输出, 每路输入和输出均有10段PEQ, USB和以太网 (RJ45) 通过连接 PC, MAC 进行设置和实时监控, 支持Windows / Mac.	
Principal Features: DA448S is a full-digital audio processor with a simple and elegant appearance. It features 4-channel analog balanced inputs, 2-channel AES/EBU digital inputs, and 1 expandable DANTE interface, along with 8-channel analog balanced outputs. Each input and output channel is equipped with a 10-segment PEQ. With USB and Ethernet (RJ45) interfaces, it can be connected to PC or MAC for configuration and real-time monitoring, supporting both Windows and Mac systems.	



设备名称 Description	无线手持话筒 Wireless handheld microphone
产品型号 Model: GT6000 数量 Quantity: 1	
主要特点: 电路设计采用高分集外置式分集接收, 从基站接收的信号稳定性和抗干扰性; 接收机面板具有快捷 [SYNC] 对频按钮, 一键可快速使接收机与发射器的工作频率同步; 接收机使用 6 英寸全彩IPS显示屏, 使用操作简单, 性能稳定, 可一键调频设置所需参数显示。	
Principal Features: The circuit design adopts true diversity superheterodyne diversity reception, which improves the signal stability and anti-interference performance of the receiver. The receiver panel is equipped with a fast [SYNC] frequency pairing button. Pressing it can quickly synchronize the working frequency points of the receiver and the transmitter. The receiver uses a 2.0-inch full-color IPS display, featuring simple operation and stable performance. It allows one-key access to settings to present the required parameters.	



设备名称 Description	无线天线放大器 Wireless antenna amplifier
产品型号 Model: R-20BU 数量 Quantity: 1	
主要特点: 天线放大器可以在多频系统中引导天线信号从一对天线到多台接收机使用, 配有两块平面式有源接收板, 以简化天线装配工程, 提升接收距离及效能。能在多频道同时使用排除外部信号干扰, 天线输入插座具有强浪涌的电源。	
Principal Features: The antenna distributor can guide antenna signals from a pair of antennas to multiple receivers in a multi-channel system. It is equipped with two planar active receiving boards to simplify antenna assembly engineering and enhance receiving distance and efficiency. Capable of simultaneous use in multiple channels to eliminate external signal interference, the antenna input socket is provided with the power supply for the wave filter.	



设备名称 Description	单18寸超低音箱 Single 18-inch subwoofer
产品型号 Model: V210S 数量 Quantity: 2 低音 Woofer: 1x18" 灵敏度 Sensitivity: 104dB SPL 1w/1m 阻抗 Impedance: 8Ω 额定功率 Rated Power: 800W	频率范围 Frequency Range: 40Hz-500Hz 频率响应 Frequency Response: 50Hz-450Hz(±3dB) 最大声压级 Maximum SPL: 136dB SPL 输入接口 Input Interface: 2xNeutrik® NL4MP 箱体尺寸 Box Size: 550*955*730mm 净重 Net Weight: 75kg



设备名称 Description	监听音箱(全天候防水) Monitor speaker (all-weather waterproof)
产品型号 Model: MF15 数量 Quantity: 2 高音 Tweeter: 1x3" 低音 Woofer: 1x15" 阻抗 Impedance: 8Ω 灵敏度 Sensitivity: 99.5dB/W/m	最大声压级 Maximum SPL: 128dB 频率响应 Frequency Response: 65Hz-18KHz 额定功率 Rated Power: 500W 指向性 Directivity: 50° (±10°) 箱体尺寸 Box Size: 635*524*438mm 净重 Net Weight: 23kg



设备名称 Description	次低音功放 Subwoofer Amplifier
产品型号 Model: MA1000 数量 Quantity: 1 总谐波失真 THD: ≤0.008% 信噪比 SNR: ≥100dB 转换速率 Conversion Rate: 80V/us 阻尼系数 Damping Coefficient: ≥1000 分辨率 Resolution: ≥85dB 尺寸 Size: 482*470*88mm 重量 Weight: 13Kg	立体声功率 Stereo Power: 8Ω 1000W*2, 4Ω 1800W*2 8Ω 桥接功率 Bridge Power: 2800W 频率响应 Frequency Response: 20Hz-20KHz(±1dB) 输入灵敏度 Input Sensitivity: 0.775V/1V/1.44V 输入阻抗 Input Impedance: 10K ohms-20K ohms 面板指示灯 The Panel Light: Signal, dctive, clip/limiting 电源 Power Supply: 220V/50Hz 最大功耗 Maximum Power Consumption: 2300W



设备名称 Description	超低音功放 Super Bass Amplifier
产品型号 Model: MA1800 数量 Quantity: 1 总谐波失真 THD: ≤0.01% 信噪比 SNR: 108dB 转换速率 Conversion Rate: 80V/us 阻尼系数 Damping Coefficient: 550:1 尺寸 Size: 482*482*88mm 重量 Weight: 26.5Kg	立体声功率 Stereo Power: 8Ω 1800W*2, 4Ω 2700W*2 8Ω 桥接功率 Bridge Power: 4600W 频率响应 Frequency Response: 20Hz-20KHz(±1dB) 输入灵敏度 Input Sensitivity: 0.775V/1V/1.55V 输入阻抗 Input Impedance: 10K ohms-20K ohms 面板指示灯 The Panel Light: Signal, dctive, clip/limiting 电源 Power Supply: 20V/50/60V 最大功耗 Maximum Power Consumption: 6200W



设备名称 Description	数字调音台 Digital Mixing Console
产品型号 Model: MX16 数量 Quantity: 1	
主要特点: 调音台外型采用Bentley宾利汽车设计, 采用高性能碳纤维和高强度铝合金打造, 碳纤维与铝合金材质, 40 路输入数字信号台, 内置 32 个 MIDAS 经典话筒, 25 路同步声道母线, 音频处理专业级, 25 个电动推子, 7 寸彩屏操作便捷, 支持 APP 无线编控, 是现场扩声与录音棚的优质之选。	
Principal Features: The exterior of the mixer is crafted by Bentley automotive designers using high-performance carbon fiber and high-strength aluminum alloy. This 40-channel input digital mixer is equipped with 32 classic MIDAS microphone preamps and 25-channel synchronous mixing buses, ensuring professional and efficient audio processing. With 25 motorized faders, a 7-inch color screen for convenient operation, and support for wireless APP control, it is an excellent choice for live sound reinforcement and recording studios.	



设备名称 Description	智能电源管理器 Smart power manager
产品型号 Model: DF-14 数量 Quantity: 2	
主要特点: 2U标准高度机架设计, 空气开关短路, 过流保护, 后面板14通道输出可控, 前面板1路总通, 16A万用插座, 支持通过1秒间隔时序开关控制, 支持通断全开、全关控制, 单组通断开关控制, 支持2台设备级联顺序控制, 支持外部开关信号触发时序电源启动和关闭。	
Principal Features: 2U rack height Chassis design, Air switch short circuit, overcurrent protection. Rear panel 14-channel output controllable, front panel 1-way through, 16A universal socket. Support channel 1 second interval timing switch control. Support channel full open, full close control. Support single channel switch control. Supports cascade sequence control of 2 devices. Support external switching signals to trigger timing power start and close.	



设备名称 Description	飞字架 Flying frame
产品型号 Model: A-208 数量 Quantity: 2	
定制配套吊架, 配长短连杆, 4个U型扣, 2条带。	
Customized supporting hanger, with long and short connecting rod, 4 U buckle, 2 bandages.	

注: V210系统所需的机柜需根据实际情况定制。
Note: The cabinet required for the V210 system needs to be customized according to the actual situation.

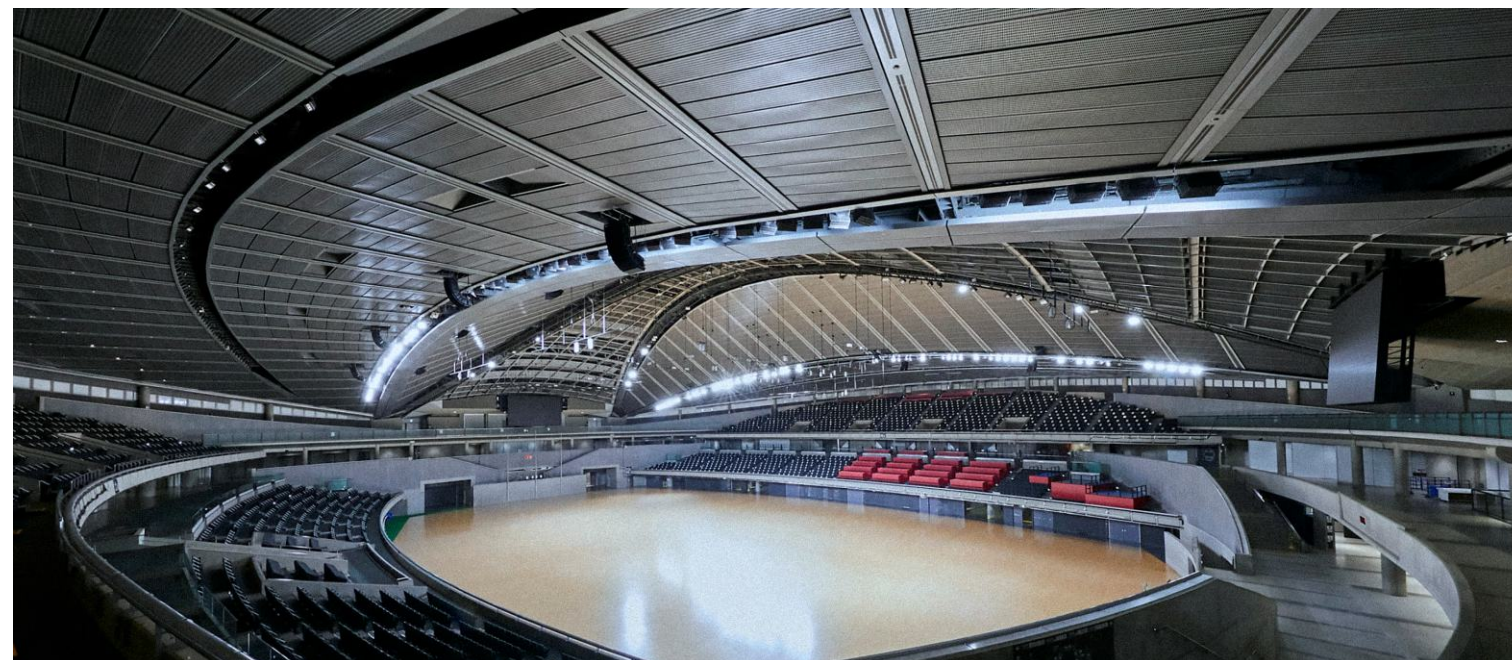
V210

◎ 制造 · 专业 · 高品质

Manufacture · Professionalism · High Quality

V210的低频部分配置2只10英寸、170mm磁/75mm音圈的大功率单元，采用倒相式负载设计，有效延伸低频响应至号角低频下限以下频点，其声学结构融合号角高效率与倒相式箱体低频延伸优势。中频部分搭载1只8英寸、135mm磁钢/51mm音圈单元，负载结构使其灵敏度达109dB/1W/1M。高频部分则配备2只1.75英寸、44mm音圈钛膜钕磁单元。

The low-frequency section of V210 is equipped with dual 10-inch high-power drivers, featuring 170mm magnets and 75mm voice coils. Adopting a bass-reflex loading design, it effectively extends the low-frequency response below the lower limit of the horn. The acoustic structure integrates the high efficiency of horn loading with the low-frequency extension advantage of bass-reflex enclosures. The mid-frequency section is fitted with an 8-inch driver (135mm magnet, 51mm voice coil), and the loading structure enables a sensitivity of 109dB/1W/1M. The high-frequency section uses dual 1.75-inch titanium diaphragm neodymium magnet drivers with 44mm voice coils.



LA210

Dual 10-inch three-way line array speaker
双10寸外置三分频线阵全频音箱

组合参数

Combination parameters

特点

LA210线阵列音箱采用高密度桦木板材箱体，表面覆进口环保聚脲防水漆，具备耐磨、防水、抗漆面老化特性，使用寿命长。铝合金金属挂件结实稳固，保障使用安全与稳定，且支持垂直角度可调。线阵接驳处采用不锈钢插件，坚韧牢固；搭配力学与人性化抽手设计，便于快速安装。

Feature

The LA210 line array speaker features a cabinet made of high-density birch wood panels, with the surface coated with imported eco-friendly polyurea waterproof paint. It has the characteristics of wear resistance, waterproofness, and resistance to paint aging, ensuring a long service life. The aluminum alloy metal hangers are strong and stable, guaranteeing safe and stable use, and support adjustable vertical angles. The line array connection part adopts stainless steel plugs, which are tough and firm. With the mechanical and humanized handle design, it is convenient for quick installation.

应用领域

- 大型演出: 音乐节、演唱会、剧院表演等;
- 体育赛事: 体育场馆，学校礼堂等;
- 大型集会: 国际会议中心，户外集会等;
- 旅游景点: 主题公园、旅游景点等扩声场所。

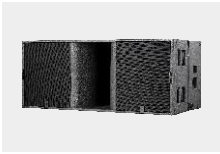
Application

- Large-scale performances: music festivals, concerts, theater performances, etc.;
- Sports events: stadiums, school auditoriums, etc.;
- Large-scale gatherings: international conference centers, outdoor gatherings, etc.;

Tourist attractions: theme parks, tourist attractions and other sound reinforcement venues.



设备名称 Description	双10寸线阵（内置2分频） Dual 12-inch dual three-frequency linear array full frequency speaker
产品型号 Model: LA210 数量 Quantity: 8 高音 Tweeter: 1x3" 低音 Woofer: 2x10" 阻抗 Impedance: 8Ω 额定功率 Rated Power: 700W 灵敏度 Sensitivity: 106dB SPL 1w/1m	频率响应 Frequency Range (+/-3 dB): 60 Hz ~18kHz 辐射角度 Dispersion (-6 dB): H x V110°x 15° 最大声压级 Maximum SPL: 138dB 输入接口 Input Interface: 2xNeutrik® NL4MP 箱体尺寸 Box Size: 300*780*439mm 净重 Net Weight: 37kg



设备名称 Description	双18寸超低箱 Dual 18 subwoofer speakers
产品型号 Model: KS28H 数量 Quantity: 2 阻抗 Impedance: 4Ω 灵敏度 Sensitivity: 105dB 构成 Construction: 2x18" 最大声压级 Maximum SPL: 145dB	频率范围 Frequency Range: 30Hz-500Hz 频率响应 Frequency Response: 35Hz-450Hz(+3dB) 额定功率 Rated Power: 2400W 输入接口 Input Interface: 2xNeutrik® NL4MP 箱体尺寸 Box Size: 565*1351*702mm 净重 Net Weight: 83kg



设备名称 Description	全频功放 Full frequency power amplifier
产品型号 Model: MA1000 数量 Quantity: 4 总谐波失真 THD: <0.008% 信噪比 SNR: ≥100dB 转换速率 Conversion Rate: 80V/us 阻尼系数 Damping coefficient: ≥1000 分辨率 Resolution: ≥85dB 尺寸 Size: 482*470*88mm 重量 Weight: 13Kg	立体声功率 Stereo Power: 8Ω 1000W*2, 4Ω 1800W*2 8Ω 桥接功率 Bridge Power: 2800W 频率响应 Frequency Response: 20Hz-20KHz(+1dB) 输入灵敏度 Input Sensitivity: 0.775V/1V/1.44V 输入阻抗 Input Impedance: 10K ohms-20K ohms 面板指示灯 The Panel Light: Signal, active, clip/limiting 电源 Power Supply: 220V/50Hz 最大功耗 Maximum Power Consumption: 2300W



设备名称 Description	智能电源管理器 Smart power manager
产品型号 Model: DF-14 数量 Quantity: 2	
主要特点: 2U机架高度机箱设计，空气开关短路、过流保护，后面板14通道输出可控，前面板1路直通，16A万用插座。支持通道1秒时间顺序开关控制，支持通道全开、全关闭控制，单组通道开关控制，支持设备级联顺序控制，支持外部开关信号触发时序电源启动和关闭。 Principal Features: 2U rack height Chassis design, Air switch short circuit, overcurrent protection. Rear panel 14-channel output controllable, front panel 1-way through, 16A universal socket. Support channel 1 second interval timing switch control. Support channel full open, full close control, Support single channel switch control. Supports cascade sequence control of 2 devices. Support external switching signals to trigger timing power start and close.	



设备名称 Description	无线手持话筒 Wireless handheld microphone
产品型号 Model: GT6000 数量 Quantity: 1	
主要特点: 电路设计使用真分集外差式分集接收，从而改进接收机的信号稳定性和抗干扰性；接收机具有快速 [SYNC] 对频按钮，一键可快速使接收机与发射机的工作频率同步；接收机内置 0.8英寸全彩IPS显示屏，使用操作简单，性能稳定。可一键调频设置所需参数显示。 Principal Features: The circuit design adopts true diversity superheterodyne diversity reception, which improves the signal stability and anti-interference performance of the receiver. The receiver panel is equipped with a fast [SYNC] frequency pairing button. Pressing it can quickly synchronize the working frequency points of the receiver and the transmitter. The receiver uses a 2.0-inch full-color IPS display, featuring simple operation and stable performance. It allows one-key access to settings to present the required parameters.	



设备名称 Description	无线话筒天线放大器 Wireless microphone antenna amplifier
产品型号 Model: R-20BU 数量 Quantity: 1	
主要特点: 天线分配器可以在多频道系统中引导天线信号从一对天线到多台接收机使用，配有两块平面式有源接收板，以简化天线装配工程，提升接收距离及效能。能在多频道使用时使用排除外部信号干扰，天线输入接口具有有源波器的电源。 Principal Features: The antenna distributor can guide antenna signals from a pair of antennas to multiple receivers in a multi-channel system. It is equipped with two planar active receiving boards to simplify antenna assembly engineering and enhance receiving distance and efficiency. Capable of simultaneous use in multiple channels to eliminate external signal interference, the antenna input socket is provided with the power supply for the wave filter.	



设备名称 Description	单18寸次低音箱 Single 18 subwoofer
产品型号 Model: LA210S 数量 Quantity: 2 高音 Tweeter: 1x3" 低音 Woofer: 1x12" 灵敏度 Sensitivity: 106dB 阻抗 Impedance: 8Ω 额定功率 Rated Power: 500W	频率响应 Frequency Response: 60Hz ~20kHz (+/-3 dB) 辐射角度 Dispersion (-6 dB): H x V90°x 10° 最大声压级 Maximum SPL: 133dB 连接插座 Connection: 2x Speakon NL4 箱体尺寸 Box Size: 637*495*387mm 净重 Net Weight: 65kg



设备名称 Description	近场音箱(全天候防水) Near-field speaker (all-weather waterproof)
产品型号 Model: MF15 数量 Quantity: 2 高音 Tweeter: 1x3" 低音 Woofer: 1x15" 阻抗 Impedance: 8Ω 灵敏度 Sensitivity: 99.5dB/W/m	最大声压级 Maximum SPL: 128dB 频率响应 Frequency Response: 65Hz-18KHz 额定功率 Rated Power: 500W 指向性 Directivity 50° (±10°) 音箱尺寸 Speaker Size: 635*524*438mm 净重 Net Weight: 23kg



设备名称 Description	超低音功放 Subwoofer amplifier
产品型号 Model: MA1800 数量 Quantity: 1 总谐波失真 THD: 0.01% 信噪比 SNR: 106dB 转换速率 Conversion rate: 80V/us 阻尼系数 Damping coefficient: 550:1 尺寸 Size: 450*483*88mm 重量 Weight: 26.5Kg	立体声功率 Stereo Power: 8Ω 1800W*2, 4Ω 2700W*2 8Ω 桥接功率 Bridge Power: 4600W 频率响应 Frequency Response: 20Hz-20KHz(+0.3dB) 输入灵敏度 Input Sensitivity: 0.775V/1V/1.55V 输入阻抗 Input Impedance: 10K ohms-20K ohms 面板指示灯 The Panel Light: Signal, active, clip/limiting 电源 Power Supply: 220V/50/60z 最大功耗 Maximum Power Consumption: 6200W



设备名称 Description	数字音频处理器 Digital audio processor
产品型号 Model: DA448S 数量 Quantity: 2	
主要特点: DA448S 是一款全数字音频处理器，外观简约大方；4路模拟平衡输入，2路AES/EBU数字输入；1路可扩展DANTE接口；4路模拟平衡输出；每路输入和输出均有10段PEQ、USB和以太网（RJ45），通过选择 PC、MAC进行设置和实时监控；支持Windows / Mac。 Principal Features: DA448S is a full-digital audio processor with a simple and elegant appearance. It features 4-channel analog balanced inputs, 2-channel AES/EBU digital inputs, and 1 expandable DANTE interface, along with 8-channel analog balanced outputs. Each input and output channel is equipped with a 10-segment PEQ. With USB and Ethernet (RJ45) interfaces, it can be connected to PC or MAC for configuration and real-time monitoring, supporting both Windows and Mac systems.	



设备名称 Description	数字调音台 Digital mixing console
产品型号 Model: MX24 数量 Quantity: 1	
主要特点: 基于Linux操作系统开发，无病毒毒，运行更安全稳定；升级版4核CPU处理器，1G主频，16秒急速开机，运行速度更快；16路MTC+立体声输入，AES接口，数字信号；双声道主输出；16路编解码器；17个ALPS电动推子，10路输出；双DSP效果器，100场景存储；7寸触摸屏，多系统编解码，网口调节。 Principal Features: Developed based on the Linux operating system, it is immune to viruses and runs more safely and stably. With an upgraded 4-core CPU processor, a 1G main frequency, and a 16-second fast boot, it runs faster. It supports 16-channel MTC + stereo input, AES interface, and digital recording. It also features sound effect processing such as phantom power and voltage limiter. Equipped with 17 ALPS electric faders and 10-channel outputs, dual DSP effectors, and 100-scene storage. It has a 7-inch touch screen for multi-system control and network port adjustment.	



设备名称 Description	田字架 Flying frame
产品型号 Model: A-208 数量 Quantity: 2	
订制配套吊钩，配长短连杆，4个U型扣，2根绑带。 Customized supporting hanger, with long and short connecting rod, 4 U buckle, 2 bandages.	

注：LA210系统所需的机柜需根据实际情况定制。
Note: The cabinet required for the LA210 system needs to be customized according to the actual situation.

LA210

◎ 制造·专业·高品质

Manufacture • Professionalism • High Quality

LA210凭借强大功率与音量，确保声音充盈空间并均匀分布，让每个参会者清晰捕捉发言。其音质出色，高保真还原音乐细节，低频下潜有力、节奏感强，高频明亮细腻、中频饱满，适配多元音乐类型，带来高品质聆听体验。

LA210 ensures that sound fills the space and distributes evenly with its powerful wattage and volume, allowing every attendee to clearly hear the speeches. It boasts excellent sound quality, faithfully restoring musical details. The low-frequency delivers deep dive and strong rhythm, while the high-frequency is bright and delicate, and the mid-frequency is full, adapting to diverse music genres and bringing a high-quality listening experience.



同轴类音响系统

Coaxial Audio System

02

MINI10 Dual 10-inch three-way line array speaker

双10寸外置三分频线阵全频音箱

组合参数

Combination parameters

特点

MINI-10新一代同轴一体化单10寸线阵音箱系统，以颠覆性设计重塑音频设备新标杆。其突破性地将精密声学组件与同轴技术深度融合，打造出结构紧凑却能量澎湃的音频解决方案。创新研发的全天候防水工艺，构筑起坚不可摧的防护壁垒，无论是暴雨倾盆的户外音乐节，还是温差剧烈的大型场馆，都能始终保持稳定而震撼的音质输出，以专业级表现从容应对全场景应用需求。

Feature

The MINI-10, a new-generation coaxial integrated single 10-inch line array speaker system, redefines the benchmark for audio equipment with its disruptive design. It innovatively integrates precision acoustic components with coaxial technology, creating a compact yet powerful audio solution. The newly developed all-weather waterproof technology forms an impregnable protective barrier. Whether at an outdoor music festival under torrential rain or in a large venue with drastic temperature changes, it consistently delivers stable and stunning sound quality, handling all application scenarios with professional-grade performance.



应用领域

中小型演出
多功能厅
LiveHouse
婚庆典礼
宴会厅等

Application

Small and medium-sized performances
Multi-function hall
LiveHouse
Wedding ceremonies
Banquet halls, etc.



设备名称 Description	同轴一体化单10寸线阵音箱 Coaxial integrated single 10-inch line array speaker
产品型号 Model: MINI-10 数量 Quantity: 8 高音 Tweeter: 2x1" 低音 Woofer: 1x10" 阻抗 Impedance: LF:16Ω/HF:16Ω 额定功率 Rated Power: 350W/HF:80W 灵敏度 Sensitivity: 98dB/HF:110dB	频率响应 Frequency Range (+/-3 dB): 105Hz-16KHz 辐射角度 Dispersion: 90°x60° 最大声压级 Maximum SPL: 123dB/129(Peak)/HF:129dB/135(Peak) 连接插座 Connection Socket: +1/-1HF+2/-2 箱体尺寸 Box size: 295*310*280mm 净重 Net weight: 12.2kg



设备名称 Description	单18有源线阵次低音箱 Ten 18 subwoofer
产品型号 Model: MINI-18BP 数量 Quantity: 2 频率响应 Frequency response: LF:121dB/127(Peak) 额定功率 Rated Power: 600W 灵敏度 Sensitivity: 93dB 构成 Construction: 1x18" 最大声压级 Maximum SPL: 145dB	频率范围 Frequency Range (+3dB): 55Hz-300Hz 频率响应 Frequency response: LF:121dB/127(Peak) 额定功率 Rated Power: 600W 辐射角度 Dispersion (+/-4dB): 360°x360° 箱体尺寸 Box Size: 550*640*510mm 净重 Net Weight: 49kg



设备名称 Description	无线手持话筒 Wireless handheld microphone
产品型号 Model: GT6000 数量 Quantity: 1	
主要特点: 电路设计采用真分集外置式分集接收，从而迅速接收机的信号稳定性和抗干扰性；接收机具有快速 [SYNC] 对频按钮，一按可快速使接收机与发射机的工作频率同步；接收机使用 0.9英寸全彩IPS显示屏，使用操作简单，性能稳定，可一键调出设置所需参数显示。 Principal Features: The circuit design adopts true diversity superheterodyne diversity reception, which improves the signal stability and anti-interference performance of the receiver. The receiver panel is equipped with a fast [SYNC] frequency pairing button. Pressing it can quickly synchronize the working frequency points of the receiver and the transmitter. The receiver uses a 2.0-inch full-color IPS display, featuring simple operation and stable performance. It allows one-key access to settings to present the required parameters.	



设备名称 Description	音箱撑杆 Speaker pole
产品型号 Model: CLUM-C85 数量 Quantity: 2	
此音箱撑杆需定制。 The support pole of this speaker needs to be customized.	



设备名称 Description	T型转换架 Digital audio processor
产品型号 Model: T-188T 数量 Quantity: 2	
此音箱T型转换架需定制。 The T-shaped adapter bracket for this speaker needs to be customized.	



设备名称 Description	单18寸无源次低音箱 Single 18-inch passive subwoofer
产品型号 Model: MINI-18B 数量 Quantity: 4 高音 Tweeter: 1x3" 低音 Woofer: 1x12" 灵敏度 Sensitivity: 106dB 阻抗 Impedance: 8Ω 额定功率 Rated Power: 500W	频率响应 Frequency Response: 60Hz-20KHz (+/-3 dB) 辐射角度 Dispersion(+/-6 dB): H x V90°x 10° 最大声压级 Maximum SPL: 133dB 连接插座 Connection: 2x Speakon NL4 箱体尺寸 Box Size: 637*495*387mm 净重 Net Weight: 65kg



设备名称 Description	数字调音台 Digital mixing console
产品型号 Model: MX12 数量 Quantity: 1	
主要特点: Linux 系统护航，安全稳定运行，12 路模拟输入 + 3 路数字输出，支持 +48V 幻象电源及反馈抑制，7 个高精度电动推子可存储，内置双通道效果器，5.0 蓝牙，96 段预置 RTA，多通道编组 (APP / 红外 / 中控)，配备 OTG 直播接口与手机供电，5 寸高清触摸屏，20 组场景预设，12V 长续航，面板锁定防误触，专业音频创作与直播的全能之选。 Principal Features: Powered by Linux for secure and stable operation. Features 12 analog inputs + 3 digital outputs, supports +48V phantom power and feedback suppression. 7 high-precision motorized faders with memory, built-in dual-channel effects, Bluetooth 5.0, 96-band RTA, Multi-control options (APP/IR/central control), OTG live streaming port, mobile charging 5" HD touchscreen, 20 scene presets, 12V long battery life, panel lock for anti-misoperation. Ideal for professional audio creation and live streaming.	



设备名称 Description	音箱底座 Speaker base
产品型号 Model: T-3A 数量 Quantity: 2	
此音箱底座需定制。 The base of this speaker needs to be customized.	



设备名称 Description	T型转换架 Digital audio processor
产品型号 Model: T-10NT 数量 Quantity: 2	
此音箱T型转换架需定制。 The T-shaped adapter bracket for this speaker needs to be customized.	

注：MINI10系统所需的机柜需根据实际情况定制。
Note: The cabinet required for the MINI10 system needs to be customized according to the actual situation.

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MINI10作为一款有源移动式8+4线阵音响，内置全频超低音分配器，高音透亮、中音突显人声、低音澎湃，重视声音细节，通过增加音箱数量，可以将射程覆盖范围从几十米提升到几百米。选用专业的钕磁喇叭，底部增设低音振膜，低音饱满高音响亮，一次就让你听上瘾。

MINI10 is an active mobile 8+4 line array speaker system. Equipped with a built-in full-range subwoofer crossover, it delivers crystal-clear highs, prominent midrange vocals, and powerful bass while emphasizing sound details. By increasing the number of speakers, its coverage range can be upgraded from tens of meters to hundreds of meters. Featuring professional neodymium magnetic drivers and a specially added bass diaphragm at the bottom, it ensures full-bodied bass and bright treble, creating an addictive listening experience from the first note.



VFB110

Dual 10-inch three-way line array speaker
双10寸外置三分频线阵全频音箱

组合参数

Combination parameters

特点

VFB110作为一款有源移动线阵是音频扩声设备。结构为多扬声器直线排列，垂直指向性强且有源设计。声音特性是垂直窄指向、水平依设计，频率响应平。移动性上便携且易装卸。配套方案灵活性突出，可搭配 18 英寸低音炮（支持被动 / 主动模式），其强劲低频能量填补声场下限，让整体音效更饱满震撼。

Feature

VFB110, as an active mobile line array, is an audio sound reinforcement device. It features a structure with multiple speakers arranged in a straight line, offering strong vertical directivity and an active design. In terms of sound characteristics, it has a narrow vertical directivity, horizontal directivity according to the design, and a flat frequency response. In terms of mobility, it is portable and easy to load and unload. The supporting solutions are highly flexible, and it can be paired with an 18-inch subwoofer (supporting passive/active modes). The powerful low-frequency energy of the subwoofer fills the lower limit of the sound field, making the overall sound effect more full and shocking.

应用领域

- 大型演出
- 会议中心
- LiveHouse
- 流动演出
- 宴会厅等

Application

- Large-scale performances
- Conference centers
- LiveHouse
- Mobile performances
- Banquet halls, etc.



设备名称 Description	线阵列全频音箱 Line array full-range speaker
产品型号 Model: VFB110 数量 Quantity: 4 高音 Tweeter: 2x14" 低音 Woofer: 1x10" 阻抗 Impedance: 8Ω/4Ω 额定功率 Rated Power: 300W/600W 灵敏度 Sensitivity: 102dB/105dB 净重 Net weight: 22kg	最大功率 Maximum Power: 6000W/1200W 频率响应 Frequency Range: 70Hz-20KHz 辐射角度 Dispersion: 80°X10° 最大声压级 Maximum SPL: 133dB/139dB 输入连接 Input Connection: 2 x 4-pin Speakon 支撑座 Support Base: φ35mm 箱体尺寸 Box size: 500*355*275mm



设备名称 Description	功放模块 Two 15" subwoofer speakers
信号处理: 一进二出 输出功率: 2x1300W/4ohm DS: P24bit,96kHz采样率 输入灵敏度: 0.9V/1.3dBu@39dB增益 最大输入电平: 2Vrms/+8.2dBu 频率响应: 20Hz-20kHz(±0.5dB)@1W/8Ω 信噪比: >115dB(20Hz-20kHz, A weighted) 工作电压: AC220V,50Hz	Signal processing: 1 input and 2 outputs Output power: 2x1300W/4ohm DSP: 24bit, 96kHz sampling frequency Input sensitivity: 0.9V/1.3dBu@39dB gain Maximum input level: 2Vrms/+8.2dBu Frequency response: 20Hz-20kHz (±0.5dB)@1W, 8Ω Signal-to-noise ratio: >115dB (20Hz-20kHz, A weighted) Operating voltage: AC220V, 50Hz



设备名称 Description	无线手持话筒 Wireless handheld microphone
产品型号 Model: GT8000 数量 Quantity: 1	
主要特点: 这款无线话筒兼具颜值与实力。接收机采用铝合金机身搭配精细工艺，立体线条设计适配多场景，具备自动频率搜索、真分集接收技术，信号稳定抗干扰。2.0英寸全彩IPS屏操作便捷，200组UHF频道可选，工作距离≥120米，支持-10℃~50℃环境使用，配备多种音频输出端子及RS-232接口，手持发射器烤漆外观精致耐用，LCD屏显示清晰，抗电磁干扰设计增强稳定性，触控式开关灵敏，支持红外对码，音质效果出色。 Principal Features: This wireless microphone combines aesthetics and performance. The receiver features an aluminum alloy body with fine craftsmanship, and its three-dimensional line design adapts to various scenarios. It has automatic frequency search and true diversity reception technology for stable, anti-interference signals. The 2.0-inch full-color IPS screen ensures easy operation, with 200 UHF channels, a working distance ≥120m, and support for -10℃~50℃ environments. It is equipped with multiple audio output terminals and an RS-232 serial port. The handheld transmitter has a glossy finish for durability, an LCD screen for clear display, anti-EM4 design for enhanced stability, a sensitive toggle switch, infrared frequency synchronization, and excellent sound pickup.	



设备名称 Description	有源线阵低音 Active line array subwoofer
产品型号 Model: VFB110-2618S 数量 Quantity: 2 低音 Woofer: 1x18" 额定功率 Rated Power: 800W 灵敏度 Sensitivity: 102dB 阻抗 Impedance: 4Ω	最大功率 Maximum Power: 1600W 频率响应 Frequency Response: 40Hz ~ 200Hz 最大声压级 Maximum SPL: 135dB / 138dB 箱体尺寸 Box Size: 500*650*550mm 净重 Net Weight: 50kg



设备名称 Description	12路调音台 12-channel mixer
产品型号 Model: X12 数量 Quantity: 1	
主要特点: 该调音台单声道通道配峰值指示，三段均衡及 60mm 推子，2 路立体声线路输入可选 +4/-10dB 灵敏度，各通道设通断 / 预升开关，1 组立体声输入 / 2 路输出，内置 16 种效果 DSP 与 +48V 幻象供电，主输出配七段图示均衡，带耳机 / 立体声平衡输出，2x12 点阵电压显示屏，集成 LCD 屏 +MP3 播放键（USB 播放）及电脑 USB 音频接口。 Principal Features: This mixer features mono channels with peak indicators, 3-band EQ, and 60mm faders. Two stereo line inputs offer +4/-10dB sensitivity selection, each channel includes on/off and PFL switches, plus 1 stereo aux input and 2 aux outputs. It integrates a 16-effect DSP, +48V phantom power, 7-band graphic EQ on main outputs, headphone/stereo balanced outputs, and 2x12-segment peak level meters. The built-in LCD MP3 player supports USB playback, and there's a USB audio interface for direct computer connection.	



设备名称 Description	音箱撑杆 Speaker stand
产品型号 Model: M20 数量 Quantity: 2	
此音箱撑杆需定制。 The support pole of this speaker needs to be customized.	



注：VFB110系统所需的机柜需根据实际情况定制。
Note: The cabinet required for the VFB110 system needs to be customized according to the actual situation.

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VFB110, 单个10英寸线阵列音箱, 搭载定制驱动单元, 采用15毫米木胶合板箱体并覆防水漆, 兼具轻量化与耐用性。其声学效率出色, 擅长精准还原声音细节, 同时提升声压输出, 满足中小型场地的清晰扩声需求, 无论是室内演出还是户外活动, 都能呈现层次丰富的音质。

VFB110, a single 10-inch line array speaker equipped with a customized driver unit. The speaker features a 15mm plywood cabinet coated with waterproof paint, ensuring both lightweight design and durability. With excellent acoustic efficiency, it excels in accurately restoring sound details while enhancing sound pressure output, meeting the clear sound reinforcement needs of small and medium-sized venues. Whether for indoor performances or outdoor activities, it delivers richly layered sound quality.



SYC

Dual 10-inch three-way line array speaker

双10寸外置三分频线阵全频音箱

特点

SYC系列有源音柱凭借独特单元布局与箱体设计，有效消除声音干扰，实现纯净扩声。箱体采用高密度桦木夹板搭配环保涂料，兼具耐用性与环保性。音质上，高音通透、中频柔顺，人声清晰明亮，是会议场景的理想之选。提供多种规格，机身小巧轻便，支持灵活调整，能快速搭建高效扩声系统，使用便捷又省心。

Feature

The SYC series active sound columns, with their unique driver layout and cabinet design, effectively eliminate sound interference to achieve pure sound reinforcement. The cabinets are made of high-density birch plywood with eco-friendly coatings, combining durability and environmental friendliness. In terms of sound quality, the treble is clear, the midrange is smooth, and the human voice is clear and bright, making them an ideal choice for conference scenarios. With multiple specifications available, the compact and lightweight body supports flexible adjustment, enabling quick setup of an efficient sound reinforcement system for convenient and worry-free use.

应用领域

- 中小型会议
- 多功能厅
- 宴会厅
- 礼堂等

Application

- Small and medium-sized conferences
- Multi-function halls
- Banquet halls
- Auditoriums, etc.

组合参数

Combination parameters



设备名称 Description	有源低音 Active Subwoofer
产品型号 Model: SYC2602-15 数量 Quantity: 2 构成 Constitue r: 1x15" 阻抗 Impedance: 4Ω 额定功率 Rated Power: 800W 最大功率 Maximum Power: 1600W 灵敏度 Sensitivity: 99dB	最大声压级 Maximum SPL: 132dB / 135dB 频率 Frequency Response: 40Hz - 200Hz 驱动器 Driver: 铝盆架 / 铁架体 (Aluminum frame / Ferrite) 箱体材料 Cabinet Material: 夹板 (Plywood) 箱体类型 Cabinet Type: 倒相箱 (Bass reflex) 表面处理 Surface Treatment: 聚酯漆 / 水性漆 (Polyurea paint / Water-based paint)



设备名称 Description	功放模块 Power Amplifier Module
信号处理: 一进二出 / 二进二出 输出功率: 2x1300W@4ohm DSP: 24bit, 96kHz sampling frequency 输入灵敏度: 0.9V/1.3dBu@39dB增益 最大输入电平: 2Vrms±0.2dBu 频率响应: 20Hz~20kHz(±0.5dB)@1W,8Ω 信噪比: >115dB(20Hz~20kHz, A weighted) 工作电压: AC220V,50Hz 尺寸(宽*深*高): 488x420x555mm/740mm(含脚轮) 重量: 40kg 脚轮: 4寸静音万向x2, 4寸静音刹车x2	Signal Processing: 1-in-2-out / 2-in-2-out Output Power: 2x1300W@4ohm DSP: 24bit, 96kHz sampling frequency Input Sensitivity: 0.9V/1.3dBu@39dB gain Maximum input level: 2Vrms±0.2dBu Frequency Response: 20Hz~20kHz (±0.5dB)@1W, 8Ω Signal-to-noise ratio: >115dB (20Hz~20kHz, A weighted) Operating Voltage: AC220V, 50Hz Dimensions (W*H*D): 488x420x555mm/740mm (with casters) Weight: 40kg Casters: 2x4-inch silent universal casters, 2x4-inch silent brake casters



设备名称 Description	线阵列音柱 Line Array Speaker Column
产品型号 Model: SYC44 数量 Quantity: 4 构成 Constitue r: 4x4" 低音 Woofer: 1x12" 灵敏度 Sensitivity: 7dB / 100dB 阻抗 Impedance: 8Ω / 4Ω 额定功率 Rated Power: 300W / 600W	最大功率 Maximum Power: 600W / 1200W 频率响应 Frequency Response: 90Hz ~18kHz 最大声压级 Maximum SPL: 127.8dB / 133.8dB 输入连接 Input Connection: 2 x 4-pin Speakon 固定螺母 Mounting Nut Holes: M8 箱体尺寸 Box Size: 125*139*450mm/900mm 净重 Net Weight: 7kg

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全频单元采用长音圈长冲程设计，保证在大功率时都能控制单元的线性运动，减少失真。高音单元采用特殊结构的大振膜设计，能瞬时承受非常的大功率，在减少失真同时，能保证演出时长时间大动态输出。可配合支撑杆、壁挂、吊挂配件和叠加配件，能满足各种安装要求。

The full-frequency units adopt a long voice coil and long stroke design, ensuring linear movement of the units under high power to reduce distortion. The tweeter units feature a large diaphragm design with a special structure, which can instantly withstand extremely high power. While reducing distortion, they ensure long-term high dynamic output during performances. It can be used with support rods, wall mounts, hanging accessories, and stacking accessories to meet various installation requirements.



表演类音响系统

Performance Audio System

03

K2

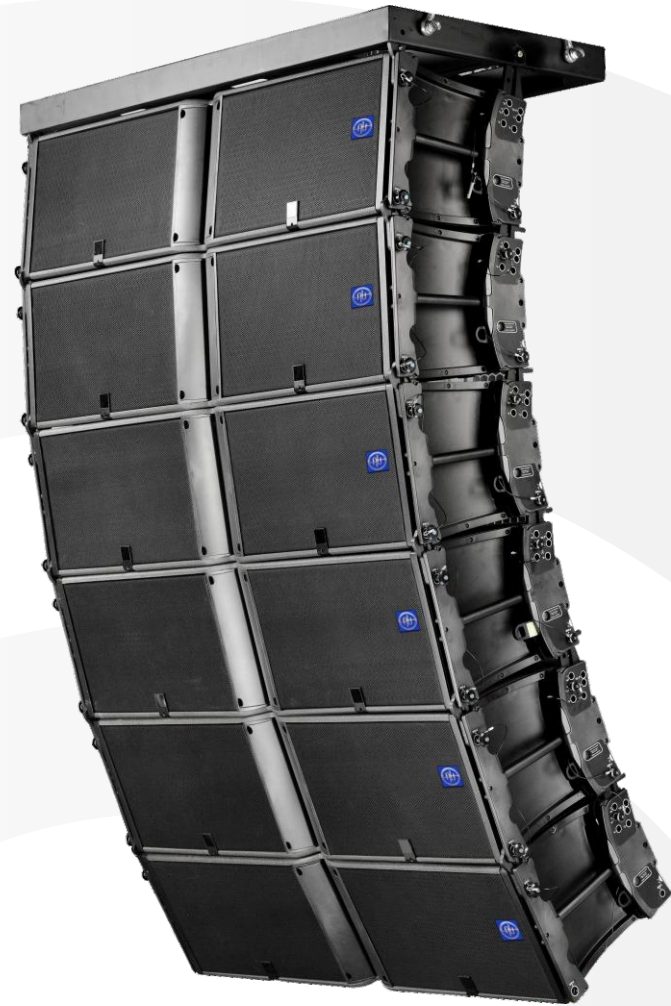
Dual 12-inch three-way line array speaker
双12寸三分频线阵音箱

特点

K2作为一款双12寸三分频线阵音响系统，采用三分频驱动设计，低频配置 2×12” 锥型驱动器，中频配备 4×6.5”锥体驱动器，高频使用 2×3”膜片压缩驱动器，各司其职，分工明确。低频单元通过低音反射、L 型通风口设计，增强低频下潜与力度；高频单元搭载 DOSC 波导和 Panflex 技术，优化声波传播，提升高频清晰度和指向性，为用户带来层次分明、细节丰富的听觉体验。

Feature

As a dual 12-inch three-way line array speaker system, K2 adopts a three-way driver design, with 2×12” cone drivers for low-frequency, 4×6.5” cone drivers for mid-frequency, and 2×3” diaphragm compression drivers for high-frequency, each performing its duty with clear division of labor. The low-frequency units enhance low-frequency extension and dynamics through a bass reflex design with L-shaped vents; the high-frequency units optimize sound wave propagation and improve high-frequency clarity and directivity via DOSC waveguide and Panflex technology, delivering a layered and detailed listening experience for users.



应用领域

大型演出: 音乐节、演唱会、剧院表演等;
体育赛事: 体育场馆，学校礼堂等;
大型集会: 国际会议中心，户外集会等;
旅游景点: 主题公园、旅游景点等扩声场所。

Application

Large-scale performances: music festivals, concerts, theater performances, etc.;;
Sports events: stadiums, school auditoriums, etc.;;

Large-scale gatherings: international conference centers, outdoor gatherings, etc.;;

Tourist attractions: theme parks, tourist attractions and other sound reinforcement venues.

组合参数

Combination parameters



设备名称 Description	双12寸外置三分频线阵全频音箱 Dual 12-inch external three-frequency linear array full frequency speaker
产品型号 Model: K2 数量 Quantity: 8 高音 Tweeter: 2x3" 中音 Mid-range: 4x6.5" 低音 Woofer: 2x12" 阻抗 Impedance: LF:2 x 8Ω MF:8Ω HF:16Ω	频率响应 Frequency Range (-10dB): 35Hz-20kHz 辐射角度 Dispersion (+-6 dB): H 110°/70° 最大声压级 Maximum SPL: 147dB 连接器 Connector: 2 x 8-point PA-COM 箱体角度 Cabinet angle: 0.25, 1, 2, 3, 4, 5, 7.5, 10° 净重 Net Weight: 56kg



设备名称 Description	监听音箱(全天候防水) Monitor speaker (all-weather waterproof)
产品型号 Model: MF15 数量 Quantity: 2 高音 Tweeter: 1x3" 低音 Woofer: 1x15" 阻抗 Impedance: 8Ω 灵敏度 Sensitivity: 99.5dB/W/m	最大声压级 Maximum SPL: 128dB 频率响应 Frequency Response: 65Hz-18KHz 额定功率 Rated Power: 500W 指向性 Directivity: 50° (+10°) 音箱尺寸 Speaker Size: 635*524*438mm 净重 Net Weight: 23kg



设备名称 Description	超低音功放 Subwoofer amplifier
产品型号 Model: MA1800 数量 Quantity: 2 总谐波失真 THD: 0.01% 信噪比 SNR: 108dB 转换速率 Conversion rate: 80V/us 阻尼系数 Damping coefficient: 550:1 尺寸 Size: 450*483*88mm 重量 Weight: 26.5Kg	立体声功率 Stereo Power: 80 1800W*2, 4Ω 2700W*2 8Ω 桥接功率 Bridge Power: 4600W 频率响应 Frequency Response: 20Hz-20KHz(+0.3dB) 输入灵敏度 Input Sensitivity: 0.775V/1V/1.55V 输入阻抗 Input Impedance: 10K ohms-20K ohms 面板指示灯 The Panel Light: Signal, active, clip/limiting 电源 Power Supply: 220V/50/60z 最大功耗 Maximum Power Consumption: 6200W



设备名称 Description	智能电源管理器 Smart power manager
产品型号 Model: DF-14 数量 Quantity: 2	
主要特点: 2U机架式机箱设计, 空气开关短路, 过流保护, 后面板14通道输出可控, 前面板1档直通, 16A万用插座, 支持通道1秒延时开关控制, 支持通道全开、全关闭控制, 单组通道开关控制, 支持2台设备级联顺序控制, 支持外部开关信号触发程序电源启动和关闭。	
Principal Features: 2U rack height Chassis design, Air switch short circuit, overcurrent protection. Rear panel 14-channel output controllable, front panel 1-way through, 16A universal socket. Support channel 1 second interval timing switch control. Support channel full open, full close control, Support single channel switch control. Supports cascade sequence control of 2 devices. Support external switching signals to trigger timing power start and close.	



设备名称 Description	无线手持话筒 Wireless handheld microphone
产品型号 Model: GT6000 数量 Quantity: 1	
主要特点: 2U机架式机箱设计, 从两次接收接收机的信号稳定性和抗干扰性; 接收机具有快速 [SYNC] 对频按钮, 一键可快速使接收机与发射机的工作频率同步; 接收机采用 0.8英寸全彩IPS显示屏, 使用操作简单, 性能稳定。可一键调频设置所需参数显示。	
Principal Features: The circuit design adopts true diversity superheterodyne diversity reception, which improves the signal stability and anti-interference performance of the receiver. The receiver panel is equipped with a fast [SYNC] frequency pairing button. Pressing it can quickly synchronize the working frequency points of the receiver and the transmitter. The receiver uses a 2.0-inch full-color IPS display, featuring simple operation and stable performance. It allows one-key access to settings to present the required parameters.	



设备名称 Description	田字架 Flying frame
产品型号 Model: A-208 数量 Quantity: 2	
定制规格开孔架, 配长短连杆, 4个U型扣, 2条绑带。 Customized supporting hangers with long and short connecting rod, 4 U buckle, 2 bandages.	



设备名称 Description	双18寸超低音箱 Twin 18" subwoofer speakers
产品型号 Model: KS28H 数量 Quantity: 4 低音 Woofer: 2x18" 灵敏度 Sensitivity: 105dB 阻抗 Impedance: 4Ω 额定功率 Rated Power: 2400W	频率范围 Frequency range: 30Hz-500Hz 频率响应 Frequency Response: 35Hz-450Hz(+3dB) 最大声压级 Maximum SPL: 145dB 输入接口 Input Interface: 2xNeutrik® NL4MP 箱体尺寸 Box Size: 565*1351*702mm 净重 Net Weight: 83kg



设备名称 Description	纯频功放 Full frequency power amplifier
产品型号 Model: MA1000 数量 Quantity: 5 总谐波失真 THD: <0.008% 信噪比 SNR: >100dB 转换速率 Conversion Rate: 80V/us 阻尼系数 Damping coefficient: ≥1000 分辨率 Resolution: ≥85dB 尺寸 Size: 482*470*88mm 重量 Weight: 13Kg	立体声功率 Stereo Power: 80 1000W*2, 4Ω 1800W*2 8Ω 桥接功率 Bridge Power: 2800W 频率响应 Frequency Response: 20Hz-20KHz(+1dB) 输入灵敏度 Input Sensitivity: 0.775V/1V/1.44V 输入阻抗 Input Impedance: 10K ohms-20K ohms 面板指示灯 The Panel Light: Signal, active, clip/limiting 电源 Power Supply: 220V/50Hz 最大功耗 Maximum Power Consumption: 2300W



设备名称 Description	数字音频处理器 Digital audio processor
产品型号 Model: DA448S 数量 Quantity: 1	
主要特点: DA448S 是一款全数字音频处理器, 外形宽体大方; 4路模拟平衡输入, 2路AES/EBU数字输入; 1路可扩展DANTE接口; 8路模拟平衡输出; 每路输入和输出均有10段PEQ, USB和以太网 (RJ45), 通过连接 PC, MAC进行设置和实时监控, 支持Windows / Mac。	
Principal Features: DA448S is a full-digital audio processor with a simple and elegant appearance. It features 4-channel analog balanced inputs, 2-channel AES/EBU digital inputs, and 1 expandable DANTE interface, along with 8-channel analog balanced outputs. Each input and output channel is equipped with a 10-segment PEQ. With USB and Ethernet (RJ45) interfaces, it can be connected to PC or MAC for configuration and real-time monitoring, supporting both Windows and Mac systems.	



设备名称 Description	数字调音台 Digital mixing console
产品型号 Model: MX20 数量 Quantity: 1	
主要特点: 基于Linux操作系统开发, 无病毒毒, 运行更安全可靠; 升级版4核CPU处理器, 1G主频, 168个通道开, 运行速度更快; 16 路 MIC + 立体声输入, AES 接口, 数字录音, 幻象电源, 压缩器等等音效处理; 17 个 ALPS 电动推子, 10 路输出; 双 DSP 效果器, 100 场景存储; 7 寸触摸屏, 多系统遥控, 网口调节。	
Principal Features: Developed based on the Linux operating system, it is immune to viruses and runs more safely and stably. With an upgraded 4-core CPU processor, a 1G main frequency, and a 16-second fast boot, it runs faster. It supports 16-channel MIC + stereo input, AES interface, and digital recording. It also features sound effect processing such as phantom power and voltage limiter. Equipped with 17 ALPS electric faders and 10-channel outputs, dual DSP effectors, and 100-scene storage. It has a 7-inch touch screen for multi-system control and network port adjustment.	



设备名称 Description	无线话筒天线放大器 Wireless microphone antenna amplifier
产品型号 Model: R-208U 数量 Quantity: 1	
主要特点: 天线分配器可以在多频道系统中引导天线信号到一对天线到多台接收机使用, 配有两块平面式有源接收板, 以简化天线调试工程, 提升接收距离及效能。能在多频道使用时使用排除外部信号干扰, 天线输入端具有低噪声的电源。	
Principal Features: The antenna distributor can guide antenna signals from a pair of antennas to multiple receivers in a multi-channel system. It is equipped with two planar active receiving boards to simplify antenna assembly engineering and enhance receiving distance and efficiency. Capable of simultaneous use in multiple channels to eliminate external signal interference, the antenna input socket is provided with the power supply for the wave filter.	

注: K2系统所需的机柜需根据实际情况定制。
Note: The cabinet required for the K2 system needs to be customized according to the actual situation.

◎ 制造·专业·高品质
Manufacture • Professionalism • High Quality

K2采用了L-acoustic panfextm技术,这是一种将机械可调节鳍片与DSP算法结合起来,从300赫兹有效收窄或扩大水平方向的技术,可以达到多种目的适应增宽区的宽度,满足长短距离覆盖/声压的要求,减少或扩大重叠区域,避免反射表面。因此,K2可以适配任何观众的复杂形状与最好的声音性能和最小的噪音污染。

K2 employs L-acoustics Panflex™ technology, which combines mechanically adjustable fins with DSP algorithms to effectively narrow or widen the horizontal directivity from 300 Hz. This technology serves multiple purposes: adapting to the width of widened areas, meeting coverage/sound pressure requirements for short and long distances, reducing or expanding overlapping zones, and avoiding reflective surfaces. As a result, K2 can adapt to the complex shapes of any audience area while delivering optimal sound performance and minimal noise



K2H

Dual 12-inch three-way line array speaker
双12寸三分频线阵音箱

组合参数

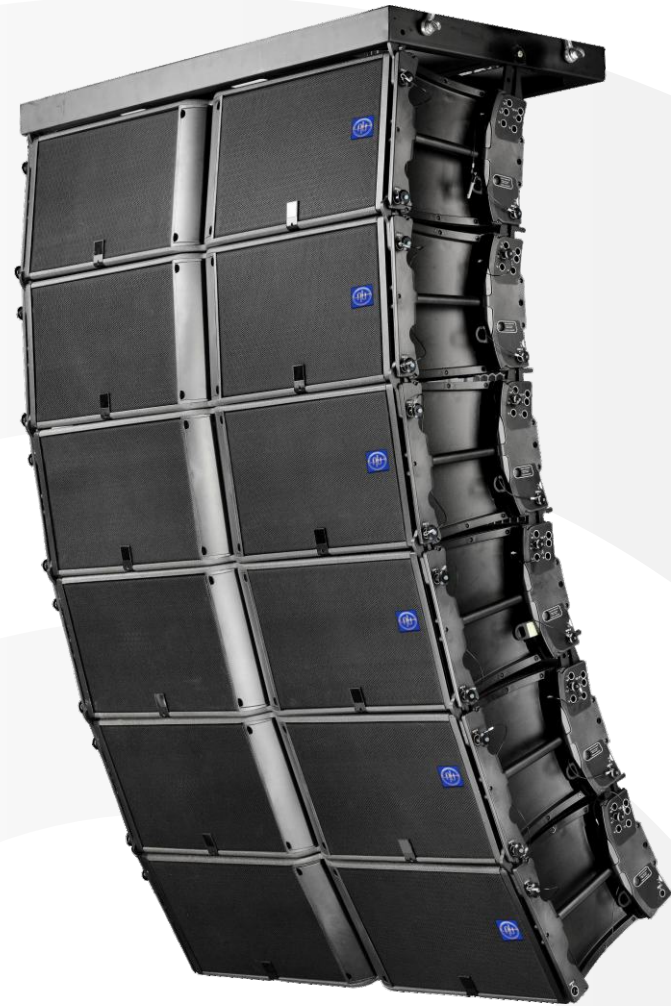
Combination parameters

特点

K2H 作为一款双12寸三分频线阵音响系统，采用三分频驱动设计，低频配置 2×12”锥型驱动器，中频配备 4×6.5”锥体驱动器，高频使用 2×3”膜片压缩驱动器，各司其职，分工明确。低频单元通过低音反射、L 型通风口设计，增强低频下潜与力度；高频单元搭载 DOSC 波导和 Panflex 技术，优化声波传播，提升高频清晰度和指向性，为用户带来层次分明、细节丰富的听觉体验。

Feature

As a dual 12-inch three-way line array speaker system, K2H adopts a three-way driver design, with 2×12” cone drivers for low-frequency, 4×6.5” cone drivers for mid-frequency, and 2×3” diaphragm compression drivers for high-frequency, each performing its duty with clear division of labor. The low-frequency units enhance low-frequency extension and dynamics through a bass reflex design with L-shaped vents; the high-frequency units optimize sound wave propagation and improve high-frequency clarity and directivity via DOSC waveguide and Panflex technology, delivering a layered and detailed listening experience for users.



应用领域

大型演出: 音乐节、演唱会、剧院表演等;
体育赛事: 体育场馆，学校礼堂等;
大型集会: 国际会议中心，户外集会等;
旅游景点: 主题公园、旅游景点等扩声场所。

Application

Large-scale performances: music festivals, concerts, theater performances, etc.;;
Sports events: stadiums, school auditoriums, etc.;;

Large-scale gatherings: international conference centers, outdoor gatherings, etc.;;

Tourist attractions: theme parks, tourist attractions and other sound reinforcement venues.



设备名称 Description	双12寸外置三分频线阵全频音箱 Dual 12-inch external three-frequency linear array full frequency speaker
产品型号 Model: K2H 数量 Quantity: 8 高音 Tweeter: 2x3" 中音 Mid-range: 4x6.5" 低音 Woofer: 2x12" 阻抗 Impedance: LF:2 x 8Ω MF:8Ω HF:16Ω	频率响应 Frequency Range (-10dB): 35Hz-20kHz 辐射角度 Dispersion (-6 dB): H 110°/70° 最大声压级 Maximum SPL: 147dB 连接器 Connector: 2 x 8-point PA-COM 箱体角度 Cabinet angle: 0.25, 1, 2, 3, 4, 5, 7.5, 10° 净重 Net Weight: 56kg



设备名称 Description	监听音箱(全天候防水) Monitor speaker (all-weather waterproof)
产品型号 Model: MF15 数量 Quantity: 2 高音 Tweeter: 1x3" 低音 Woofer: 1x15" 阻抗 Impedance: 8Ω 灵敏度 Sensitivity: 99.5dB/W/m	最大声压级 Maximum SPL: 128dB 频率响应 Frequency Response: 65Hz-18KHz 额定功率 Rated Power: 500W 指向性 Directivity: 50° (±10°) 音箱尺寸 Speaker Size: 635*524*438mm 净重 Net Weight: 23kg



设备名称 Description	超低音功放 Subwoofer amplifier
产品型号 Model: MA1800 数量 Quantity: 2 总谐波失真 THD: 0.01% 信噪比 SNR: 108dB 转换速率 Conversion rate: 80V/us 阻尼系数 Damping coefficient: 550:1 尺寸 Size: 450*483*88mm 重量 Weight: 26.5Kg	立体声功率 Stereo Power: 80 1800W*2, 4Q 2700W*2 8Ω 桥接功率 Bridge Power: 4600W 频率响应 Frequency Response: 20Hz-20KHz(±0.3dB) 输入灵敏度 Input Sensitivity: 0.775V/1V/1.55V 输入阻抗 Input Impedance: 10K ohms-20K ohms 面板指示灯 The Panel Light: Signal, active, clip/limiting 电源 Power Supply: 220V/50/60z 最大功耗 Maximum Power Consumption: 6200W



设备名称 Description	智能电源管理器 Smart power manager
产品型号 Model: DF-14 数量 Quantity: 2	主要特点: 2U机架式机箱设计, 空气开关短路, 过流保护, 后面板14通道输出可控, 前面板1路直通, 16A万用插座, 支持通道1秒延时开关控制, 支持通道全开、全关闭控制, 单组通道开关控制, 支持2台设备级联程序控制, 支持外部开关信号触发程序启动和关闭。 Principal Features: 2U rack height Chassis design, Air switch short circuit, overcurrent protection. Rear panel 14-channel output controllable, front panel 1-way through, 16A universal socket. Support channel 1 second interval timing switch control. Support channel full open, full close control, Support single channel switch control. Supports cascade sequence control of 2 devices. Support external switching signals to trigger timing power start and close.



设备名称 Description	无线手持话筒 Wireless handheld microphone
产品型号 Model: GT6000 数量 Quantity: 1	主要特点: 2U机架式机箱设计, 从两路接收机的信号稳定性和抗干扰性; 接收机具有快速 [SYNC] 频率配对按钮, 按下可快速使接收机与发射机的工作频率同步; 接收机采用 0.8英寸全彩IPS显示屏, 使用操作简单, 性能稳定。可一键调频设置所需参数显示。 Principal Features: The circuit design adopts true diversity superheterodyne diversity reception, which improves the signal stability and anti-interference performance of the receiver. The receiver panel is equipped with a fast [SYNC] frequency pairing button. Pressing it can quickly synchronize the working frequency points of the receiver and the transmitter. The receiver uses a 2.0-inch full-color IPS display, featuring simple operation and stable performance. It allows one-key access to settings to present the required parameters.



设备名称 Description	田字架 Flying frame
产品型号 Model: A-208 数量 Quantity: 2	定制轻量化架, 配长短连杆, 4个U型扣, 2束带等。 Customized supporting hangers with long and short connecting rod, 4 U buckle, 2 bandages.



设备名称 Description	双18寸超低音箱 Twin 18" subwoofer speakers
产品型号 Model: KS2H 数量 Quantity: 4 低音 Woofer: 2x18" 灵敏度 Sensitivity: 105dB 阻抗 Impedance: 4Q 额定功率 Rated Power: 2400W	频率范围 Frequency range: 30Hz-500Hz 频率响应 Frequency Response: 35Hz-450Hz(±3dB) 最大声压级 Maximum SPL: 145dB 输入接口 Input Interface: 2xNeutrik® NL4MP 箱体尺寸 Box Size: 565*1351*702mm 净重 Net Weight: 83kg



设备名称 Description	纯模拟功放 Full frequency power amplifier
产品型号 Model: MA1000 数量 Quantity: 6 总谐波失真 THD: <0.008% 信噪比 SNR: >100dB 转换速率 Conversion Rate: 80V/us 阻尼系数 Damping coefficient: >1000 分辨率 Resolution: >85dB 尺寸 Size: 482*470*88mm 重量 Weight: 13Kg	立体声功率 Stereo Power: 8Q 1000W*2, 4Q 1800W*2 8Ω 桥接功率 Bridge Power: 2800W 频率响应 Frequency Response: 20Hz-20KHz(±1dB) 输入灵敏度 Input Sensitivity: 0.775V/1V/1.44V 输入阻抗 Input Impedance: 10K ohms-20K ohms 面板指示灯 The Panel Light: Signal, active, clip/limiting 电源 Power Supply: 220V/50Hz 最大功耗 Maximum Power Consumption: 2300W



设备名称 Description	数字音频处理器 Digital audio processor
产品型号 Model: DA448S 数量 Quantity: 1	主要特点: DA448S 是一款全数字音频处理器, 外形小巧大方, 4路模拟平衡输入, 2路AES/EBU数字输入; 1路可扩展DAE接口; 8路模拟平衡输出; 每路输入和输出均有10段PEQ, USB和以太网(RJ45), 通过连接 PC, MAC进行设置和实时监控, 支持Windows / Mac。 Principal Features: DA448S is a full-digital audio processor with a simple and elegant appearance. It features 4-channel analog balanced inputs, 2-channel AES/EBU digital inputs, and 1 expandable DANTE interface, along with 8-channel analog balanced outputs. Each input and output channel is equipped with a 10-segment PEQ. With USB and Ethernet (RJ45) interfaces, it can be connected to PC or MAC for configuration and real-time monitoring, supporting both Windows and Mac systems.



设备名称 Description	数字调音台 Digital mixing console
产品型号 Model: MX20 数量 Quantity: 1	主要特点: 基于Linux操作系统开发, 无病毒毒, 运行更安全稳定; 升级版4核CPU处理器, 1G主频, 16G高速内存, 运行速度更快; 16路MIC+16路立体声输入, AES接口, 数字录音, 幻象电源, 压缩器等效处理; 17个ALPS电动推子, 10路输出; 双DSP效果器, 100场景存储; 7寸触摸屏, 多系统操控, 调音调节。 Principal Features: Developed based on the Linux operating system, it is immune to viruses and runs more safely and stably. With an upgraded 4-core CPU processor, a 1G main frequency, and a 16-second fast boot, it runs faster. It supports 16-channel MIC + stereo input, AES interface, and digital recording. It also features sound effect processing such as phantom power and voltage limiter. Equipped with 17 ALPS electric faders and 10-channel outputs, dual DSP effectors, and 100-scene storage. It has a 7-inch touch screen for multi-system control and network port adjustment.



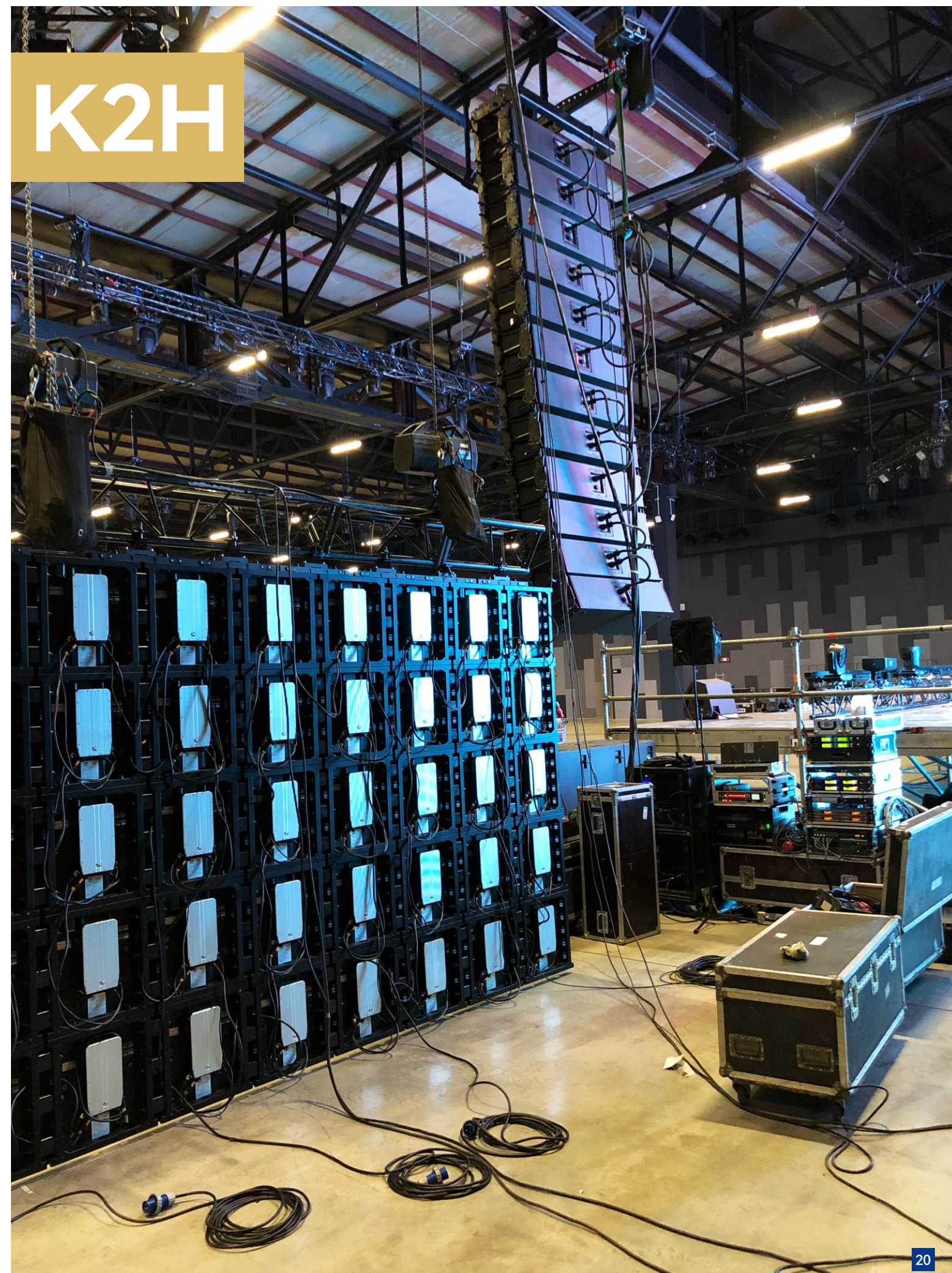
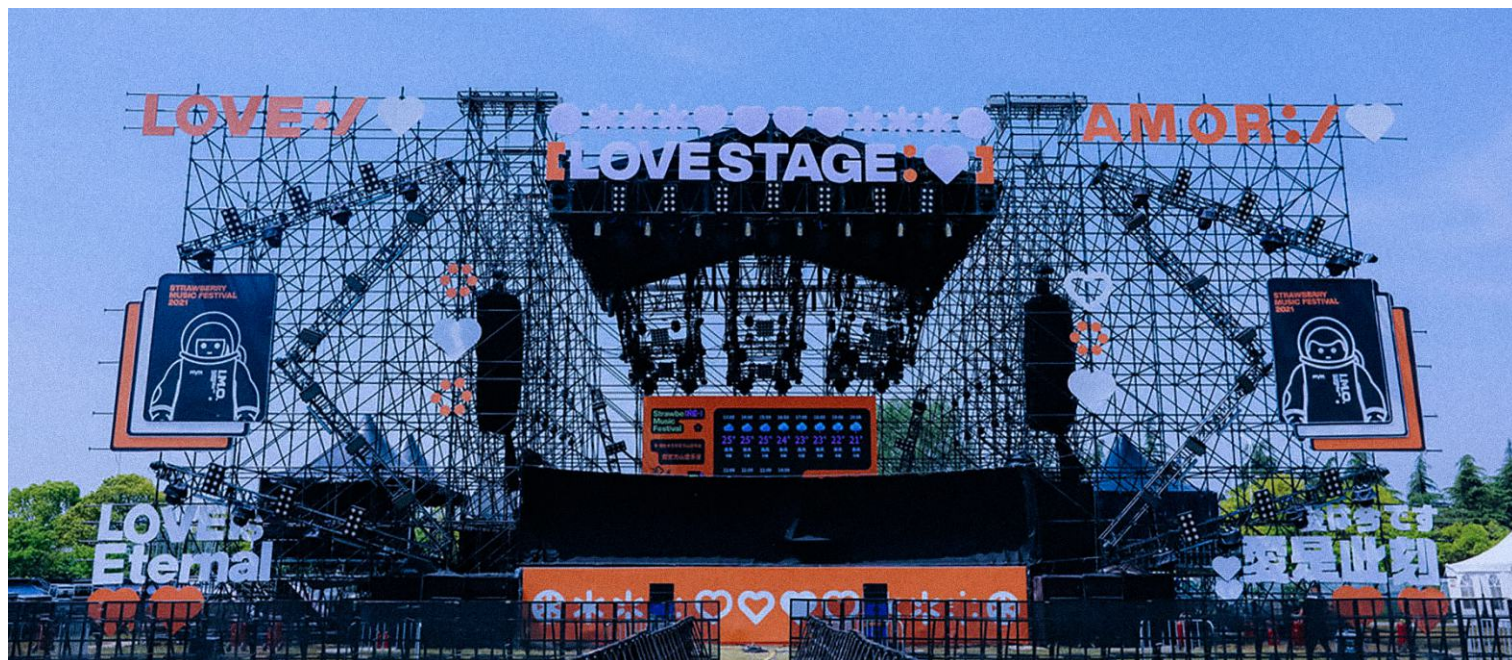
设备名称 Description	无线话筒天线放大器 Wireless microphone antenna amplifier
产品型号 Model: R-208U 数量 Quantity: 1	主要特点: 天线分配器可以在多频道系统中引导天线信号到一对天线到多台接收机使用, 配有两块平面式有源接收板, 以简化天线调试工作, 提升接收灵敏度及效能。能在多频道使用时能消除外部信号干扰, 天线输入端具有低噪声的电源。 Principal Features: The antenna distributor can guide antenna signals from a pair of antennas to multiple receivers in a multi-channel system. It is equipped with two planar active receiving boards to simplify antenna assembly engineering and enhance receiving distance and efficiency. Capable of simultaneous use in multiple channels to eliminate external signal interference, the antenna input socket is provided with the power supply for the wave filter.

注: K2H系统所需的机柜需根据实际情况定制。
Note: The cabinet required for the K2H system needs to be customized according to the actual situation.

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K2采用了L-acoustic panfextm技术,这是一种将机械可调节鳍片与DSP算法结合起来,从300赫兹有效收窄或扩大水平方向的技术,可以达到多种目的适应增宽区的宽度,满足长短距离覆盖/声压的要求,减少或扩大重叠区域,避免反射表面。因此,K2可以适配任何观众的复杂形状与最好的声音性能和最小的噪音污染。

K2 employs L-acoustics Panflex™ technology, which combines mechanically adjustable fins with DSP algorithms to effectively narrow or widen the horizontal directivity from 300 Hz. This technology serves multiple purposes: adapting to the width of widened areas, meeting coverage/sound pressure requirements for short and long distances, reducing or expanding overlapping zones, and avoiding reflective surfaces. As a result, K2 can adapt to the complex shapes of any audience area while delivering optimal sound performance and minimal noise



CH系列音响系统

CH Series Audio System

04

CH-212

Twin 12-inch linear speaker
双12寸线性音箱

特点

搭载2只12英寸低频驱动器与1只3英寸高频驱动器，搭配一体成型线阵号角，实现55Hz-20kHz 宽频响应，精准覆盖全频段细节。单元采用全进口材料，分频器配备顶级元器件，结合工程师专业调音技术，优化单元与分频器匹配效果。中高频明亮清晰，中低频磁性饱满，具备零衰减、低噪声、强抗干扰特性。

Feature

Equipped with two 12-inch low-frequency drivers and one 3-inch high-frequency driver, combined with an integrated line array horn design, it achieves a wide frequency response of 55Hz-20kHz, accurately covering full-band sound details. The speaker uses fully imported unit materials and top-grade crossover components. With the tuning technology accumulated by engineers over years, it optimizes the matching effect between units and crossovers, delivering bright and clear mid-high frequencies, magnetic mid-low frequencies, as well as zero attenuation, low noise, and excellent anti-interference capability.

应用领域

- 大型演出: 音乐节、演唱会、剧院表演等;
- 体育赛事: 体育场馆，学校礼堂等;
- 大型集会: 国际会议中心，户外集会等;
- 旅游景点: 主题公园、旅游景点等扩声场所。

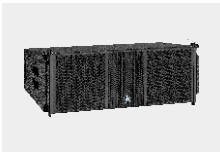
Application

- Large-scale performances: music festivals, concerts, theater performances, etc.;
- Sports events: stadiums, school auditoriums, etc.;
- Large-scale gatherings: international conference centers, outdoor gatherings, etc.;

Tourist attractions: theme parks, tourist attractions and other sound reinforcement venues.

组合参数

Combination parameters



设备名称 Description	线阵全频音箱(全天候防水) Linear array full frequency speaker (all-weather waterproof)
产品型号 Model: CH-212 数量 Quantity: 8 低音 Woofer: 2x 12" 高音 Tweeter: 2x 3" 标称阻抗 Nominal Impedance: 8Ω 额定功率 Power Handling: 800W	灵敏度 Sensitivity: 103dB 频率响应 Frequency Range (+/-3dB): 55 Hz -20kHz 辐射角度 Dispersion: (-6 dB)H x V90°x 10° 最大声压级 Maximum SPL: 132dB/peak138dB 连接插座 Connection: 2x Speaker NL4 净重 Net Weight: 35Kg



设备名称 Description	返听音箱(全天候防水) Rear horn speaker (all-weather waterproof)
产品型号 Model: NM-15M 数量 Quantity: 2 阻抗 Impedance: 8Ω 灵敏度 Sensitivity: 103dB/W/m 扩散角度 Diffusion Angle: 90°Hx90°V 构成 Construction: 15"×1.7" 最大声压级 Maximum SPL: 133dB	频率响应 Frequency Response: 55Hz-18.5KHz 平均功率 Average Power: 450W 峰值功率 Peak Power: 1800W 箱体尺寸 Speaker Size: 520*350*560mm 净重 Net Weight: 20kg 毛重 Gross Weight: 22kg



设备名称 Description	超低音功放 Subwoofer amplifier
产品型号 Model: C21800 数量 Quantity: 2 总谐波失真 THD: <0.01% 信噪比 SNR: 108dB 转换速率 Conversion Rate: 80V/us 阻尼系数 Damping Coefficient: 550:1 尺寸 Size: 450*483*88mm 重量 Weight: 26.5Kg	立体声功率 Stereo Power: 8Ω 1800W*2, 4Ω 2700W*2 8Ω 桥接功率 Bridge Power: 4600W 频率响应 Frequency Response: 20Hz-20KHz(±0.3dB) 输入灵敏度 Input Sensitivity: 0.775V/1V1.55V 输入阻抗 Input Impedance: 10K ohms-20K ohms 面板指示灯 The Panel Light: Signal, active, clip/limiting 电源 Power Supply: 220V/50/60z 最大功耗 Maximum Power Consumption: 6200W



设备名称 Description	智能电源管理器 Smart power manager
产品型号 Model: DF-14 数量 Quantity: 1	
主要特点: 2U机架高度机箱设计，空气开关短路、过流保护，后面板14通道输出可控，前面板1路直通，16A万用插座。支持通道1秒延时时序开关控制。支持通道全开、全关闭、单组通断开关控制。支持2台设备级联顺序控制。支持外部开关信号触发时序逻辑启动和关闭。	
Principal Features: 2U rack height Chassis design, Air switch short circuit, overcurrent protection. Rear panel 14-channel output controllable, front panel 1-way through, 16A universal socket. Support channel 1 second interval timing switch control. Support channel full open, full close control, Support single channel switch control. Supports cascade sequence control of 2 devices. Support external switching signals to trigger timing power start and close.	



设备名称 Description	真分集话筒 True diversity microphone
产品型号 Model: V10 数量 Quantity: 1	
主要特点: 采用红外外频与手动调频方式实现无线频率同步，无线接收距离远近可调，频率可锁定控制功能按钮，独特智能ID识别技术，实现多套同时分布使用，具有平衡和非平衡音频输出，方便和各种音频设备连接。发射频率50MHz+8频点，方便各频率段互换，易读调频式液晶显示。	
Principal Features: Wireless synchronization of the transmitter is achieved through infrared frequency pairing and manual frequency adjustment. The wireless receiving distance is adjustable, and there is a function button for locking the frequency. With the unique intelligent ID recognition technology, multiple sets can be used simultaneously and distributed. It has balanced and unbalanced audio outputs, making it convenient to connect with various audio devices. The transmitter adopts a 50MHz bandwidth, which makes it convenient to interchange different frequency bands. It has an easy-to-read illuminated LCD display.	



设备名称 Description	田字架 Flying frame
产品型号 Model: A-208 数量 Quantity: 2	
定制配套吊架，配长短连杆，4个U型扣，2条绑带。 Customized supporting hangers with long and short connecting rod, 4 U buckle, 2 bandages.	



设备名称 Description	线阵超低音音箱(全天候防水) Linear array subwoofer (all-weather waterproof)
产品型号 Model: CH-218S 数量 Quantity: 4 低音 Woofer: 1x18" 灵敏度 Sensitivity: 118dB /W(m) 阻抗 Impedance: 8Ω 额定功率 Rated Power: 1300W	频率响应 Frequency Response: 30Hz-150Hz(±3dB) 系统推荐功率 System Recommended power: 1500W 峰值功率 Peak power: 4000W 最大声压级 Maximum SPL: 146dB MAX 箱体尺寸 Box Size: 740*540*710mm 净重 Net Weight: 50.5kg



设备名称 Description	线阵全频功放 Linear array full frequency power amplifier
产品型号 Model: C2100 数量 Quantity: 5 总谐波失真 THD: <0.01% 信噪比 SNR: >97dB 分辨率 Resolution: (1KHz)≥85dB 供电 Supply Electricity: 220V/50Hz 尺寸 Size: 482*470*88mm 重量 Weight: 14Kg	输出功率 Output Power: 8Ω 1300W*2, 4Ω 2250W*2 8Ω 桥接功率 Bridge Power: 3600W 频率响应 Frequency Response: 20-20KHz/±1db 阻尼系数 Damping Coefficient: (1KHz)≥900Ω 8 Ohms 最大消耗功率 Maximum Power consumption: 2600W 输入灵敏度 Input Sensitivity: 0.775V/1V1.44V 输入阻抗 Input Impedance: 10K ohms-20K ohms



设备名称 Description	4进8出音频处理器 4 in 8 out audio processors
产品型号 Model: DX4008 数量 Quantity: 1	
主要特点: Dx4008 是一款全数字音频处理器，外观简洁大方，采样频率达96千赫兹，配备32位数字信号处理(DSP)处理器，具备24位的模拟-数字(A/D)和数字-模拟(D/A)转换功能；提供USB、RS232接口，还可通过网络端口和无线网络连接至计算机；能够存储12组用户程序。	
Principal Features: Dx4008 is a full digital audio processor, the appearance is simple and generous; 96kHz sampling frequency, 32-bit DSP processor; 24-bit A/D and D/A conversion; Provide USB, RS232 interface, network port and WiFi can connect to the computer; Can store 12 groups of user programs.	



设备名称 Description	数字调音台 Digital mixing console
产品型号 Model: MX16 数量 Quantity: 1	
主要特点: 调音台外型由Bentley宾利汽车设计师设计，采用高性能的碳纤维和高强度铝合金打造，32路输入通道，16个AUX输出，6个编组，6个编组，支持蓝牙/USB播放，效果保存与调用，7寸1024x600的触摸屏，9个100mm行程的电位器，1个31段GEQ，1个耳机监听输出端口，3个快捷模式调用键，1个RS232口，支持中控控制。	
Principal Features: The mixer's exterior is designed by the designers of Bentley cars. It is crafted from high-performance carbon fiber and high-strength aluminum alloy. It has 32 input channels, 16 AUX outputs, and 6 group channels. It supports Bluetooth and USB playback, as well as scene saving and recall. It is equipped with a 7-inch touchscreen with a resolution of 1024x600 and 9 electric faders with a stroke of 100mm. It has one 31-band GEQ (Graphic Equalizer) and one headphone monitoring output port. There are 3 quick mode recall buttons and one RS232 port, and it supports central control.	



设备名称 Description	天线放大器 Antenna amplifier
产品型号 Model: TX-870 数量 Quantity: 1	
主要特点: 高清晰彩色2.2寸显示屏，开机Logo可定制（分辨率480*800），可实时显示日期时间，频率范围，功率大小，旋钮控制，带USB和串口连接，主机内设有1级接口，天线放大器主机内部没有显示数据，天线输入端具有供应强波器电源。天线放大器主机提供220V输出，可连接下一台天线放大器主机或其它220V电源。	
Principal Features: High-definition color 2.2-inch display screen, the boot logo can be customized. It can display the date and time, frequency range, and power level in real time, and is controlled by a knob. It has a USB port and a network port for connection, and there is an independent cascading port inside the main unit. There is theoretically no limit to the number of antenna amplifier main units that can be cascaded.	

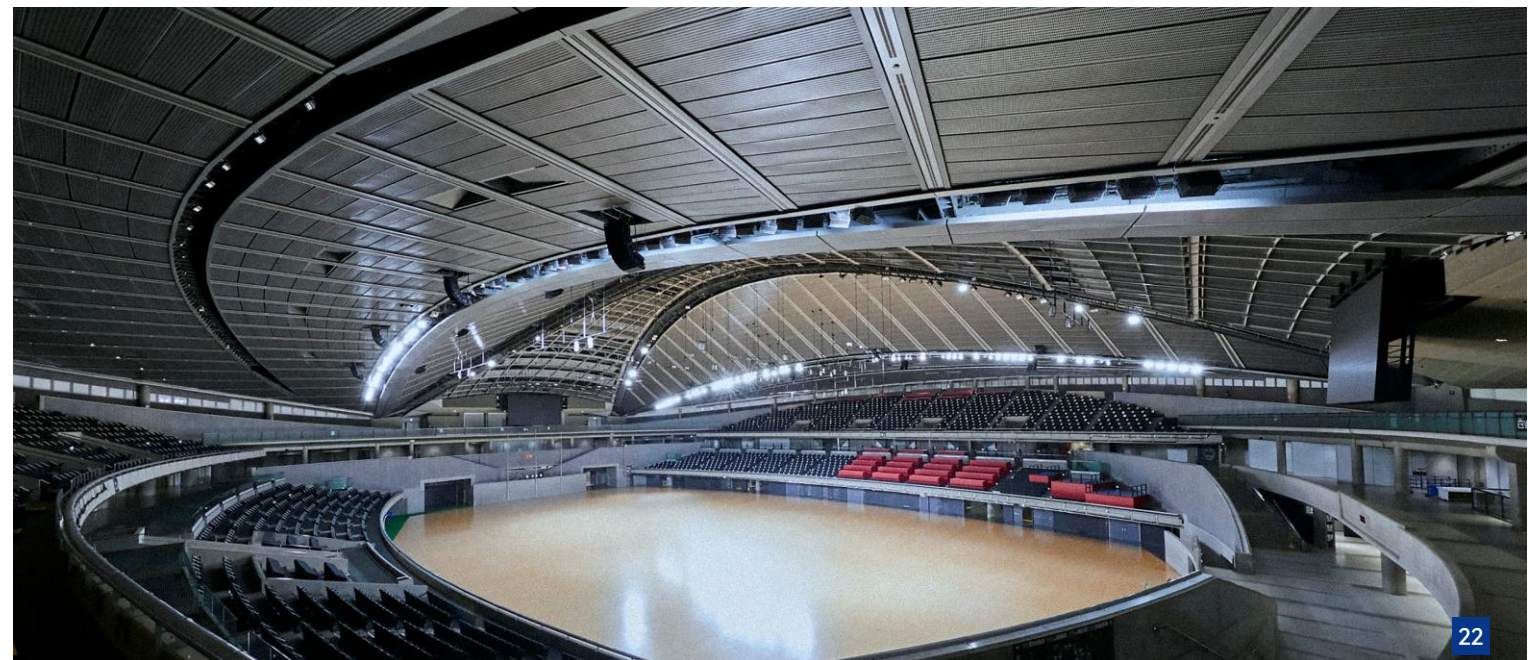
注：CH212系统所需的机柜需根据实际情况定制。
Note: The cabinet required for the CH212 system needs to be customized according to the actual situation.

CH212

◎ 制造·专业·高品质 Manufacture · Professionalism · High Quality

箱体采用多层桦木夹板，外覆耐磨涂层，抗冲击、耐搬运，适合高频次流动使用。一体成型线阵号角优化声波扩散，90°水平 ×10°垂直辐射角度减少环境反射干扰，适合远距离投射，确保体育场馆、礼堂等大型空间声场均匀。35kg轻量化设计搭配人体工程学把手，支持落地摆放或桁架吊挂安装，10分钟内完成系统搭建，提升布场效率。

The cabinet is made of multi-layer birch plywood with a wear-resistant coating, offering impact resistance and durability for frequent mobile use. The integrated line array horn optimizes sound wave diffusion with a 90° horizontal × 10° vertical radiation angle to reduce environmental reflection interference, suitable for long-distance projection to ensure uniform sound fields in large venues like stadiums and auditoriums. With a 35kg lightweight design and ergonomic handles, it supports floor placement or truss hanging, enabling system setup within 10 minutes to enhance deployment efficiency.



CH-210

Twin 10-inch linear speakers
双10寸线性音箱

特点

CH210两分频双10寸线阵音箱，搭载2只10英寸低频与1只3英寸高频驱动器，配合一体成型号角设计。65Hz-20kHz宽频响应，精准还原全频段声音。双低频单元与进口高频驱动器组成的分频系统，低频下潜深，高频延伸广，无论是人声抑或乐器，都能以强劲动态呈现细腻音色，满足各类扩声需求。

Feature

The CH210 high-performance 2-way dual 10-inch line array speaker features two 10-inch low-frequency drivers and one 3-inch high-frequency driver, combined with an integrated line array horn design. With a wide frequency response of 65Hz-20kHz, it accurately covers full-range sound details. The dual 10-inch low-frequency units and 3-inch imported high-frequency driver form a 2-way system, enabling the low frequencies to dive to 65Hz and the high frequencies to extend to 20kHz. It covers the full range of human voices and instruments, restoring delicate timbres and powerful dynamics.

应用领域

- 大型演出: 音乐节、演唱会、剧院表演等;
- 体育赛事: 体育场馆，学校礼堂等;
- 大型集会: 国际会议中心，户外集会等;
- 旅游景点: 主题公园、旅游景点等扩声场所。

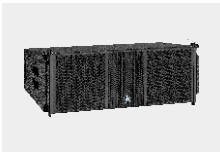
Application

- Large-scale performances: music festivals, concerts, theater performances, etc.;
- Sports events: stadiums, school auditoriums, etc.;
- Large-scale gatherings: international conference centers, outdoor gatherings, etc.;

Tourist attractions: theme parks, tourist attractions and other sound reinforcement venues.

组合参数

Combination parameters



设备名称 Description	双10寸线性音箱 Twin 10-inch linear speakers
产品型号 Model: CH-210	频率响应 Frequency Range (+/-3 dB): 65 Hz -20kHz
数量 Quantity: 8	辐射角度 Dispersion: (-6 dB)H x V90°x 10°
低音 Woofer: 2x 10"	最大声压级 Maximum SPL: 129dB/peak135dB
高音 Tweeter: 2x 3"	连接插座 Connection: 2x Speaker NL4
标称阻抗 Nominal Impedance: 8Ω	箱体尺寸 Box Size: 851*425*295mm
额定功率 Power Handling: 650W	净重 Net Weight: 29Kg
灵敏度 Sensitivity: 101dB	



设备名称 Description	18寸次低音箱 18" subwoofer
产品型号 Model: CH-210SUB	频率响应 Frequency Response: 40Hz-1000Hz(±3dB)
数量 Quantity: 4	最大声压级 Maximum SPL: 129dB
低音 Woofer: 1x18"	连接插座 Connection: 2x Speaker NL4
灵敏度 Sensitivity: 99dB	箱体尺寸 Box Size: 851*645*581mm
阻抗 Impedance: 8Ω	净重 Net Weight: 50kg
额定功率 Rated Power: 600W	



设备名称 Description	后听音箱(全天候防水) Rear speaker (all-weather waterproof)
产品型号 Model: NM-12M	最大声压级 Maximum SPL: 132dB
数量 Quantity: 2	频率响应 Frequency Response: 65Hz-18.5KHz
阻抗 Impedance: 8Ω	平均功率 Average Power: 400W
灵敏度 Sensitivity: 102dB/W/m	峰值功率 Peak Power: 1600W
扩散角 Diffusion Angle: 90°Hx90°V	音箱尺寸 Speaker Size: 460*300*460mm
构造 Construction: 12"×1.7"	净重 Net Weight: 19kg



设备名称 Description	纯类全频功放 Linear array full frequency power amplifier
产品型号 Model: H1000	输出功率 Output Power: 8Ω 1000W*2, 4Ω 1500W*2
数量 Quantity: 4	8Ω 桥接功率 Bridge Power: 3000W
总谐波失真 THD: <0.05%	频率响应 Frequency Response: 20-20KHz(±0.3dB)
信噪比 SNR: 105dB	阻尼系数 Damping Coefficient: 500:1
转换速率 Slew Rate: 80V/us	最大消耗功率 Maximum Power consumption: 4200W
电源 Power Supply: 220V/50/60Hz	输入灵敏度 Input Sensitivity: 0.775V
尺寸 Size: 483*450*88mm	输入阻抗 Input Impedance: 10K ohms-20K ohms
重量 Weight: 20.5Kg	



设备名称 Description	次低功放 Sub-100 Power Amplifier
产品型号 Model: H1000	输出功率 Output Power: 8Ω 1000W*2, 4Ω 1500W*2
数量 Quantity: 2	8Ω 桥接功率 Bridge Power: 3000W
总谐波失真 THD: <0.05%	频率响应 Frequency Response: 20-20KHz(±0.3dB)
信噪比 SNR: 105dB	阻尼系数 Damping Coefficient: 500:1
转换速率 Slew Rate: 80V/us	最大消耗功率 Maximum Power consumption: 4200W
电源 Power Supply: 220V/50/60Hz	输入灵敏度 Input Sensitivity: 0.775V
尺寸 Size: 483*450*88mm	输入阻抗 Input Impedance: 10K ohms-20K ohms
重量 Weight: 20.5Kg	



设备名称 Description	后听功放 Rear speaker power amplifier
产品型号 Model: H800	输出功率 Output Power: 8Ω 850W*2, 4Ω 1275W*2
数量 Quantity: 4	8Ω 桥接功率 Bridge Power: 2550W
总谐波失真 THD: <0.05%	频率响应 Frequency Response: 20Hz-20KHz(±0.3dB)
信噪比 SNR: 105dB	阻尼系数 Damping Coefficient: 500:1
转换速率 Slew Rate: 80V/us	最大消耗功率 Maximum Power consumption: 3500W
电源 Power Supply: 220V/50/60Hz	输入灵敏度 Input Sensitivity: 0.775V
尺寸 Size: 450*483*88mm	输入阻抗 Input Impedance: 10K ohms-20K ohms
重量 Weight: 18.5Kg	



设备名称 Description	智能电源管理器 Smart power manager
产品型号 Model: DF-14	数量 Quantity: 1
主要特点: 2U机架式机箱设计, 空气开关短路, 过流保护, 后面板14通道输出可控, 前面板1路直通, 16A万用插座, 支持通道1秒延时打开开关控制, 支持通道全开、全关闭控制, 单组通道开关控制, 支持2台设备级联顺序控制, 支持外部定时信号触发时序电源启动和关闭。	
Principal Features: 2U rack height Chassis design, Air switch short circuit, overcurrent protection, Rear panel 14-channel output controllable, front panel 1-way through, 16A universal socket, Support channel 1 second interval timing switch control, Support channel full open, full close control, Support single channel switch control, Supports cascade sequence control of 2 devices, Support external switching signals to trigger timing power start and close.	



设备名称 Description	4进8出音频处理器 4 in 8 out audio processors
产品型号 Model: DX4008	数量 Quantity: 1
主要特点: Dx4008 是一款全数字音频处理器, 外观简洁大方, 采样频率达96千赫兹, 配备32位数字信号处理(DSP)处理器, 具备24位的模拟、数字(A/D)和数字(D/A) 转换功能; 提供USB、RS232接口, 还可通过网络接口和无线网络连接至计算机; 能够存储12组用户程序。	
Principal Features: Dx4008 is a full digital audio processor, the appearance is simple and generous; 96KHz sampling frequency 32-bit DSP processor; 24-bit A/D and D/A conversion; Provide USB, RS232 interface, network port and WIFI can connect to the computer; Can store 12 groups of user programs.	



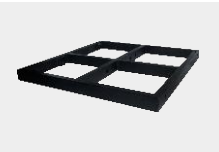
设备名称 Description	真分集话筒 True diversity microphone
产品型号 Model: V10	数量 Quantity: 1
主要特点: 采用红外外频与手动调频方式实现无线频点同步, 无线接收距离远近可调, 频率可锁定控制功能按钮, 独特智能ID识别技术, 实现多套同时分布使用, 具有平衡和非平衡音频输出, 方便和各种音响设备连接, 发射距离500+米, 方便各频率段互换, 易读前侧式液晶显示。	
Principal Features: Wireless synchronization of the transmitter is achieved through infrared frequency pairing and manual frequency adjustment. The wireless receiving distance is adjustable, and there is a function button for locking the frequency. With the unique intelligent ID recognition technology, multiple sets can be used simultaneously and distributed. It has balanced and unbalanced audio outputs, making it convenient to connect with various audio devices. The transmitter adopts a 500+Hz bandwidth, which makes it convenient to interchange different frequency bands. It has an easy-to-read illuminated LCD display.	



设备名称 Description	数字调音台 Digital mixing console
产品型号 Model: MX16	数量 Quantity: 1
主要特点: 源自台内设计Bentley宾利汽车设计团队, 采用高性能的碳纤维和高强度铝合金打造, 32路输入通道, 16个AUX输出, 6个耳机, 支持蓝牙和USB播放, 效果保存与调用, 7*1200x400的超大屏幕, 9个100mm行程的电推子, 1个31段GEQ, 1个耳机监听输出接口, 3个快捷模式调用键, 1个RS232口, 支持中控控制。	
Principal Features: The mixer's exterior is designed by the designers of Bentley cars. It is crafted from high-performance carbon fiber and high-strength aluminum alloy. It has 32 input channels, 16 AUX outputs, and 6 group channels. It supports Bluetooth and USB playback, as well as scene saving and recall. It is equipped with a 7-inch touchscreen with a resolution of 1024x600 and 9 electric faders with a stroke of 100mm. It has one 31-band GEQ (Graphic Equalizer) and one headphone monitoring output port. There are 3 quick mode recall buttons and one RS232 port, and it supports central control.	



设备名称 Description	天线放大器 Antenna amplifier
产品型号 Model: TX-870	数量 Quantity: 1
主要特点: 高清彩色2.2寸显示屏, 开机logo可定制(分辨率480*800), 可实时显示日期时间, 频率范围, 功率大小, 旋钮控制, 带USB 接口连接, 主机内设有独立级联口, 天线放大器主机级联数量没有限定数量, 天线输入接口具有供应强漏源的电源, 天线放大器主机提供220V输出可连接下一台天线放大器主机或其它220V电器。	
Principal Features: High-definition color 2.2-inch display screen, the boot logo can be customized. It can display the date and time, frequency range, and power level in real time, and is controlled by a knob. It has a USB port and a network port for connection, and there is an independent cascading port inside the main unit. There is theoretically no limit to the number of antenna amplifier main units that can be cascaded.	



设备名称 Description	田字架 Flying frame
产品型号 Model: A-208	数量 Quantity: 2
定制配套吊架, 配长短连杆, 4个U型扣, 2根绑带。 Customized supporting hanger, with long and short connecting rod, 4 U buckle, 2 bandages.	

注: CH210系统所需的机柜需根据实际情况定制。
Note: The cabinet required for the CH210 system needs to be customized according to the actual situation.

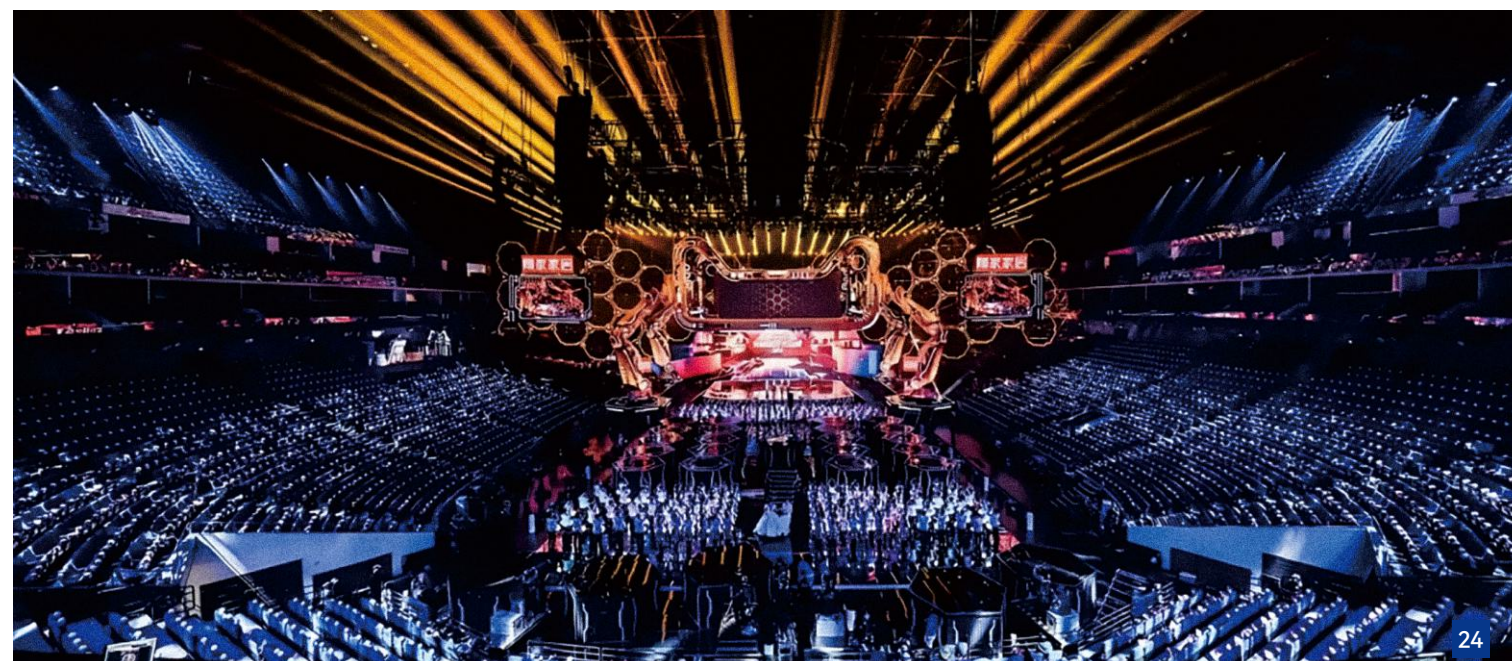
CH210

◎ 制造·专业·高品质

Manufacture · Professionalism · High Quality

箱体采用多层桦木夹板，外覆耐磨涂层，抗冲击、耐搬运，适合高频次流动使用。一体成型线阵号角优化声波扩散，90°水平 × 10°垂直辐射角度减少环境反射干扰，适合远距离投射，确保体育场、礼堂等大型空间声场均匀。29kg轻量化设计搭配人体工程学把手，支持落地摆放或桁架吊挂安装，10分钟内完成系统搭建，提升布场效率。

The cabinet is made of multi-layer birch plywood with a wear-resistant coating, offering impact resistance and durability for frequent mobile use. The integrated line array horn optimizes sound wave diffusion with a 90° horizontal × 10° vertical radiation angle to reduce environmental reflection interference, suitable for long-distance projection to ensure uniform sound fields in large venues like stadiums and auditoriums. With a 29kg lightweight design and ergonomic handles, it supports floor placement or truss hanging, enabling system setup within 10 minutes to enhance deployment efficiency.



CH-208

Twin 10-inch linear speakers

双8寸线性音箱

特点

CH208高性能两分频双8寸线阵音箱，配置强劲。2只8英寸低频驱动器与1只3英寸进口高频驱动器组成两分频系统，实现 65Hz-20kHz 宽频响应，精准还原人声、乐器全频段细节，兼顾细腻音色与强劲动态。一体成型线阵号角设计，具备90°水平×10°垂直辐射角度，有效减少环境反射干扰，适合体育场馆、礼堂等大型空间的远距离投射，确保声场均匀覆盖。

Feature

The CH208 is a high-performance 2-way dual 8-inch line array speaker, equipped with 2 × 8-inch low-frequency drivers and 1 × 3-inch high-frequency driver. Combined with an integrated line array horn design, it achieves a wide frequency response of 65Hz-20kHz, accurately covering full-range sound details. The dual 8-inch low-frequency units and 3-inch imported high-frequency driver form a 2-way system, with low frequencies extending to 65Hz and high frequencies up to 20kHz, covering the full range of vocals and instruments to restore delicate timbre and strong dynamics. The integrated line array horn optimizes sound wave diffusion, with a 90° horizontal × 10° vertical radiation angle to reduce ambient reflection interference, making it suitable for long-distance projection and ensuring uniform sound coverage in large spaces like stadiums and auditoriums.

应用领域

- 大型演出: 音乐节、演唱会、剧院表演等;
- 体育赛事: 体育场馆，学校礼堂等;
- 大型集会: 国际会议中心，户外集会等;
- 旅游景点: 主题公园、旅游景点等扩声场所。

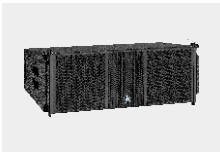
Application

- Large-scale performances: music festivals, concerts, theater performances, etc.;
- Sports events: stadiums, school auditoriums, etc.;
- Large-scale gatherings: international conference centers, outdoor gatherings, etc.;

Tourist attractions: theme parks, tourist attractions and other sound reinforcement venues.

组合参数

Combination parameters



设备名称 Description	双8寸线性音箱 Twin 8-inch linear speakers
产品型号 Model: CH-208	灵敏度 Sensitivity: 101dB
数量 Quantity: 8	频率响应 Frequency Range (+/-3 dB): 65 Hz -20kHz
低音 Woofer: 2x 8"	辐射角度 Dispersion: (-6 dB)H x V90°x 10°
高音 Tweeter: 1x 3"	最大声压级 Maximum SPL: 128dB/peak134dB
标称阻抗 Nominal Impedance: 8Ω	连接插座 Connection: 2x Speakon NL4
额定功率 Power Handling: 500W	箱体尺寸 Box Size: 772*474*288mm



设备名称 Description	监听音箱(全天候防水) Monitor speaker (all-weather waterproof)
产品型号 Model: NM-12M	最大声压级 Maximum SPL: 132dB
数量 Quantity: 2	频率响应 Frequency Response: 65Hz-18.5KHz
阻抗 Impedance: 8Ω	平均功率 Average Power: 400W
灵敏度 Sensitivity: 102dB/W/m	峰值功率 Peak Power: 1600W
扩散角度 Diffusion Angle: 90°Hx90°V	音箱尺寸 Speaker Size: 460*300*460mm
构成 Construction: 12"×1.7"	净重 Net Weight: 19kg



设备名称 Description	低音功放 Bass power amplifier
产品型号 Model: H1000	输出功率 Output Power: 8Ω 1000W*2, 4Ω 1500W*2
数量 Quantity: 2	8Ω 桥接功率 Bridge Power: 3000W
总谐波失真 THD: ≤0.05%	频率响应 Frequency Response: 20-20KHz(±0.3dB)
信噪比 SNR: 105dB	阻尼系数 Damping Coefficient: 500:1
转换速率 Slew Rate: 80V/us	最大消耗功率 Maximum Power consumption: 4200W
电源 Power Supply: 220V/50/60z	输入灵敏度 Input Sensitivity: 0.775V
尺寸 Size: 483*450*88mm	输入阻抗 Input Impedance: 10K ohms-20K ohms
重量 Weight: 20.5Kg	



设备名称 Description	智能电源管理器 Smart power manager
产品型号 Model: DF-14	数量 Quantity: 1
主要特点: 2U机架高度机箱设计，空气开关短路、过流保护，后面板14通道输出可控，前面板1路直通，16A万用插座。支持通道1秒间隔定时开关控制。支持通道全开、全关闭控制，单组通道开关控制。支持2台设备级联顺序控制。支持外部开关信号触发时序启动和关闭控制。	
Principal Features: 2U rack height Chassis design, Air switch short circuit, overcurrent protection. Rear panel 14-channel output controllable, front panel 1-way through, 16A universal socket. Support channel 1 second interval timing switch control. Support channel full open, full close control, Support single channel switch control. Supports cascade sequence control of 2 devices. Support external switching signals to trigger timing power start and close.	



设备名称 Description	真分集话筒 True diversity microphone
产品型号 Model: V10	数量 Quantity: 1
主要特点: 采用红外外频与手动调频方式实现无线同步，无线接收距离远近可调，频率可锁定控制功能按钮，独特智能ID识别技术，实现多套同时分布使用，具备平衡和非平衡音频输出，方便和各种音源设备连接。发射频率50MHz-600MHz，方便各频率段互连，易读液晶式液晶显示。	
Principal Features: Wireless synchronization of the transmitter is achieved through infrared frequency pairing and manual frequency adjustment. The wireless receiving distance is adjustable, and there is a function button for locking the frequency. With the unique intelligent ID recognition technology, multiple sets can be used simultaneously and distributed. It has balanced and unbalanced audio outputs, making it convenient to connect with various audio devices. The transmitter adopts a 50MHz-600MHz bandwidth, which makes it convenient to interchange different frequency bands. It has an easy-to-read illuminated LCD display.	



设备名称 Description	田字架 Flying frame
产品型号 Model: A-208	数量 Quantity: 2
定制配套吊架，配长短连杆，4个U型扣，2条绑带。 Customized supporting hangers with long and short connecting rod, 4 U buckle, 2 bandages.	



设备名称 Description	18寸次低音箱 18" subwoofer
产品型号 Model: CH-18S	频率响应 Frequency Response: 40Hz-1000Hz(±3dB)
数量 Quantity: 4	最大声压级 Maximum SPL: 129dB
低音 Woofer: 1x18"	连接插座 Connection: 2x Speakon NL4
灵敏度 Sensitivity: 99dB	箱体尺寸 Box Size: 851*645*581mm
阻抗 Impedance: 8Ω	净重 Net Weight: 50kg
额定功率 Rated Power: 600W	



设备名称 Description	线阵监听功放 Line Array Monitor Power Amplifier
产品型号 Model: H800	输出功率 Output Power: 8Ω 850W*2, 4Ω 1275W*2
数量 Quantity: 5	8Ω 桥接功率 Bridge Power: 2550W
总谐波失真 THD: ≤0.05%	频率响应 Frequency Response: 20Hz-20KHz(±0.3dB)
转换速率 Slew Rate: 40V/us	阻尼系数 Damping Coefficient: 500:1
信噪比 SNR: 105dB	最大消耗功率 Maximum Power consumption: 3500W
电源 Power Supply: 220V/50/60z	输入灵敏度 Input Sensitivity: 0.775V
尺寸 Size: 450*483*88mm	输入阻抗 Input Impedance: 10K ohms-20K ohms
重量 Weight: 18.5Kg	



设备名称 Description	4进8出音频处理器 4 in 8 out audio processor
产品型号 Model: DX4008	数量 Quantity: 1
主要特点: Dx4008 是一款全数字音频处理器，外观简洁大方，采样率高达96千赫兹，配备32位数字信号处理(DSP)处理器，具备24位的模拟-数字(A/D)和数字-模拟(D/A)转换功能；提供USB、RS232接口，还可通过网络端口和无线网络连接至计算机，能够存储12组用户程序。	
Principal Features: Dx4008 is a full digital audio processor, the appearance is simple and generous; 96kHz sampling frequency, 32-bit DSP processor; 24-bit A/D and D/A conversion; Provide USB, RS232 interface, network port and WiFi can connect to the computer; Can store 12 groups of user programs.	



设备名称 Description	数字调音台 Digital mixing console
产品型号 Model: MX16	数量 Quantity: 1
主要特点: 调音台外形由Bentley汽车设计设计，采用高性能的碳纤维和高强度铝合金打造，32路输入通道，16个AUX输出，6个调音台，支持蓝牙/AUX/USB，场景保存与调用，7寸1024x600的触摸屏，9个100mm行程的电势子，1个31段GEQ，1个耳机监听输出端口，3个快捷模式调用键，1个RS232口，支持中控控制。	
Principal Features: The mixer's exterior is designed by the designers of Bentley cars. It is crafted from high-performance carbon fiber and high-strength aluminum alloy. It has 32 input channels, 16 AUX outputs, and 6 group channels. It supports Bluetooth and USB playback, as well as scene saving and recall. It is equipped with a 7-inch touchscreen with a resolution of 1024x600 and 9 electric faders with a stroke of 100mm. It has one 31-band GEQ (Graphic Equalizer) and one headphone monitoring output port. There are 3 quick mode recall buttons and one RS232 port, and it supports central control.	



设备名称 Description	天线放大器 Antenna amplifier
产品型号 Model: TX-870	数量 Quantity: 1
主要特点: 高清晰彩色2.2寸显示屏，开机Logo可定制（分辨率480*800），可实时显示日期时间，频率范围，功率大小，旋钮控制，带USB和串口连接，主机内设独立级联口，天线放大器主机跟数量无关没有级联限制，天线输入端具有供应强波器电源，天线放大器主机提供220V输出，可连接下一台天线放大器主机或其它220V电路。	
Principal Features: High-definition color 2.2-inch display screen, the boot logo can be customized. It can display the date and time, frequency range, and power level in real time, and is controlled by a knob. It has a USB port and a network port for connection, and there is an independent cascading port inside the main unit. There is theoretically no limit to the number of antenna amplifier main units that can be cascaded.	

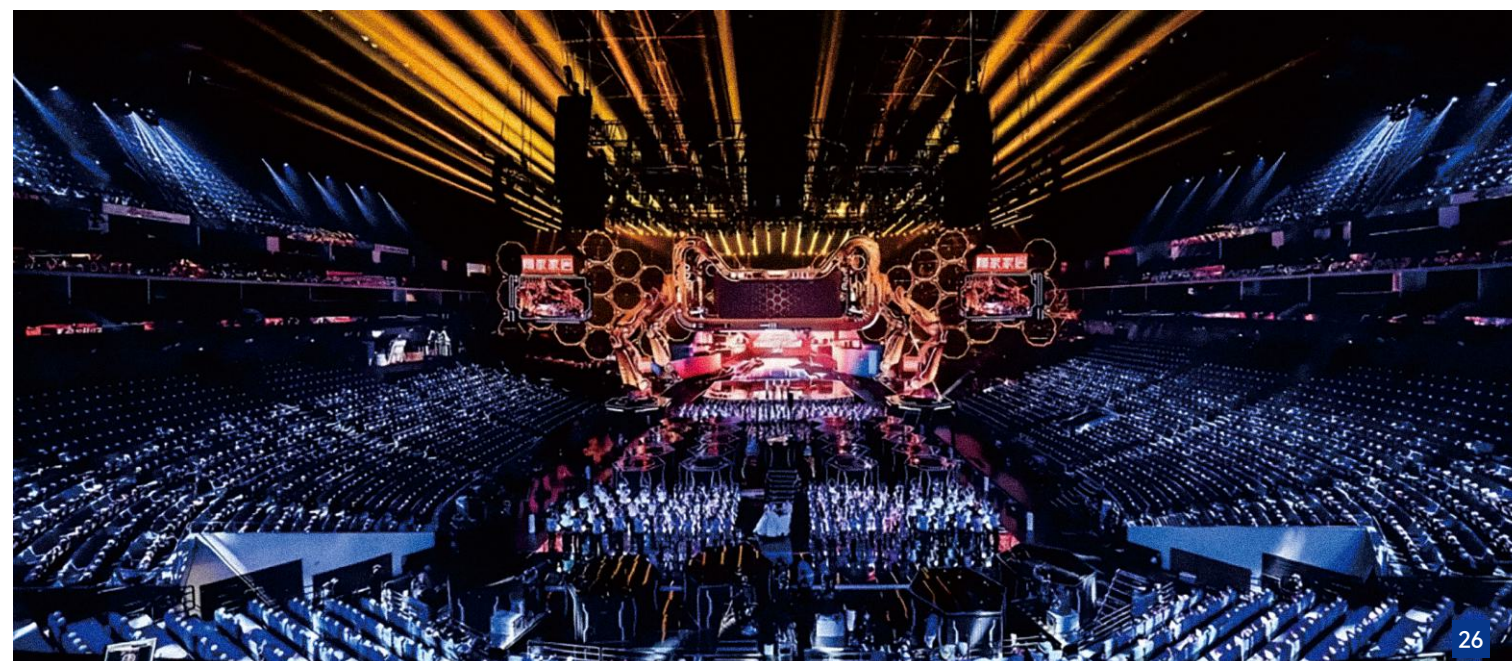
注：CH208系统所需的机柜需根据实际情况定制。
Note: The cabinet required for the CH208 system needs to be customized according to the actual situation.

CH208

◎ 制造·专业·高品质 Manufacture · Professionalism · High Quality

CH208不仅性能出众，实用性也很强。箱体采用多层桦木夹板，外覆耐磨涂层，抗冲击、耐搬运，满足高频次流动使用需求。支持 0°、2°、4°、6° 四档角度调节，搭配轻量化设计与人体工程学把手，可落地摆放或桁架吊挂。10 分钟内即可完成系统搭建，大幅提升布场效率。

Ch208 not only stands out in performance but also excels in practicality. The cabinet is constructed from multi-layer birch plywood with a wear-resistant coating, ensuring impact resistance and durability for frequent transportation, perfectly meeting the needs of high-frequency mobile use. It supports four-level angle adjustment (0°, 2°, 4°, 6°), combined with a lightweight design and ergonomic handles, allowing for both floor placement and truss hanging. The system can be set up within 10 minutes, significantly enhancing deployment efficiency.



CH-120

Single 12-inch Line Array Speaker

单12寸线性音箱

组合参数

Combination parameters

特点

CH120单12寸线性音箱以卓越音质脱颖而出。其单元采用全进口材料，搭配顶级分频器元器件，结合工程师专业调音技术，实现单元与分频器的完美匹配。音箱中高频明亮通透，中低频饱满醇厚，兼具零衰减、低噪声与强抗干扰特性，为声音还原提供可靠保障。

Feature

The CH120 is a single 12-inch line array speaker. It boasts an excellent tone, featuring units made of all-imported materials and top-of-the-line crossover components. Leveraging the tuning techniques refined by engineers over years of experience, it fully realizes the optimal synergy between the units and the crossover. The mid-high frequencies are bright and clear, while the mid-low frequencies are full of richness. It showcases zero attenuation, low noise, and a super-strong anti-interference ability.

应用领域

- 大型演出: 音乐节、演唱会、剧院表演等;
- 体育赛事: 体育场馆，学校礼堂等;
- 大型集会: 国际会议中心，户外集会等;
- 旅游景点: 主题公园、旅游景点等扩声场所。

Application

- Large-scale performances: music festivals, concerts, theater performances, etc.;
- Sports events: stadiums, school auditoriums, etc.;
- Large-scale gatherings: international conference centers, outdoor gatherings, etc.;

Tourist attractions: theme parks, tourist attractions and other sound reinforcement venues.



设备名称 Description	单12寸线性音箱 Single 12-inch line array speaker
产品型号 Model: CH-120 数量 Quantity: 8 低音 Woofer: 1x12" 高音 Tweeter: 1x 3" 标称阻抗 Nominal Impedance: 8Ω 额定功率 Power Handling: 500W 灵敏度 Sensitivity: 106dB	频率响应 Frequency Range (+/-3 dB): 60Hz -20kHz 辐射角度 Dispersion: (-6 dB)H x V90°x 10° 最大声压级 Maximum SPL: 133dB 连接插座 Connection: 2x Speakon NL4 箱体尺寸 Box Size: 637*495*387mm 净重 Net Weight: 27kg



设备名称 Description	近场音箱(全天候防水) Near-field speaker (full-wattage waterproof)
产品型号 Model: NM-12M 数量 Quantity: 2 阻抗 Impedance: 8Ω 灵敏度 Sensitivity: 102dB/W/m 扩散角度 Diffusion Angle: 90°Hx90°V 构成 Construction: 12"×1.7"	最大声压级 Maximum SPL: 132dB 频率响应 Frequency Response: 65Hz-18.5KHz 平均功率 Average Power: 400W 峰值功率 Peak Power: 1600W 音箱尺寸 Speaker Size: 460*300*460mm 净重 Net Weight: 19kg



设备名称 Description	监听功放 Monitor Power Amplifier
产品型号 Model: H800 数量 Quantity: 1 总谐波失真 THD: ≤0.05% 转换速率 Slew Rate: 60V/us 信噪比 SNR: 105dB 电源 Power Supply: 220V/50/60z 尺寸 Size: 450*483*88mm 重量 Weight: 18.5Kg	输出功率 Output Power: 8Ω 850W*2, 4Ω 1275W*2 8Ω 桥接功率 Bridge Power: 2550W 频率响应 Frequency Response: 20Hz-20KHz(±0.3dB) 阻尼系数 Damping Coefficient: 500:1 最大消耗功率 Maximum Power consumption: 3500W 输入灵敏度 Input Sensitivity: 0.775V 输入阻抗 Input Impedance: 10K ohms-20K ohms



设备名称 Description	智能电源管理器 Smart power manager
产品型号 Model: DF-14 数量 Quantity: 1	
主要特点: 2U机架式机箱设计, 空气开关短路, 过流保护, 后面板14通道输出可控, 前面板1路直通, 16A万用插座, 支持通过1秒延时开关控制, 支持通过全开、全关闭、单独通道开关控制, 支持2台设备级联程序控制, 支持外部开关信号触发时序电源启动和关闭。	
Principal Features: 2U rack height Chassis design, Air switch short circuit, overcurrent protection, Rear panel 14-channel output controllable, front panel 1-way through, 16A universal socket, Support channel 1 second interval timing switch control, Support channel full open, full close control, Support single channel switch control, Supports cascade sequence control of 2 devices, Support external switching signals to trigger timing power start and close.	



设备名称 Description	真分集话筒 True diversity microphone
产品型号 Model: V10 数量 Quantity: 1	
主要特点: 采用红外外频与手动调频方式实现无线频率同步, 无线接收距离远近可调, 频率可锁定控制功能按钮, 独特智能识别技术, 实现多套同时分布使用, 具有平衡和非平衡音频输出, 方便和各种音源设备连接, 发射距离500+米, 方便各频率段互换, 易读图形液晶显示。	
Principal Features: Wireless synchronization of the transmitter is achieved through infrared frequency pairing and manual frequency adjustment, The wireless receiving distance is adjustable, and there is a function button for locking the frequency. With the unique intelligent ID recognition technology, multiple sets can be used simultaneously and distributed. It has balanced and unbalanced audio outputs, making it convenient to connect with various audio devices. The transmitter adopts a 50MHz bandwidth, which makes it convenient to interchange different frequency bands. It has an easy-to-read illuminated LCD display.	



设备名称 Description	天线放大器 Antenna amplifier
产品型号 Model: TX-870 数量 Quantity: 1	
主要特点: 高清彩色2.2寸显示屏, 开机logo可定制 (分辨率480*800), 可实时显示日期时间, 频率范围, 功率大小, 按钮控制, 带USB 接口连接, 主机内置独立微接口, 天线放大器主机级联数量没有限定量, 16A万用插座, 天线输入接口具有供应强源的电源, 天线放大器主机提供220V输出可连接下一台天线放大器主机或其它220V电器。	
Principal Features: High-definition color 2.2-inch display screen, the boot logo can be customized, It can display the date and time, frequency range, and power level in real time, and is controlled by a knob. It has a USB port and a network port for connection, and there is an independent cascading port inside the main unit. There is theoretically no limit to the number of antenna amplifier main units that can be cascaded.	



设备名称 Description	18寸次低音箱 18" subwoofer
产品型号 Model: CH-1218B 数量 Quantity: 4 低音 Woofer: 1x18" 灵敏度 Sensitivity: 99dB 阻抗 Impedance: 8Ω 额定功率 Rated Power: 600W	频率响应 Frequency Response: 40Hz-1000Hz(-10dB) 最大声压级 Maximum SPL: 127dB/peak133dB 连接插座 Connection: 2x Speakon NL4 箱体尺寸 Box Size: 637*600*542mm 净重 Net Weight: 32kg



设备名称 Description	线阵全频功放 Line Array Full Range Power Amplifier
产品型号 Model: H800 数量 Quantity: 4 总谐波失真 THD: ≤0.05% 转换速率 Slew Rate: 60V/us 信噪比 SNR: 105dB 电源 Power Supply: 220V/50/60z 尺寸 Size: 450*483*88mm 重量 Weight: 18.5Kg	输出功率 Output Power: 8Ω 850W*2, 4Ω 1275W*2 8Ω 桥接功率 Bridge Power: 2550W 频率响应 Frequency Response: 20Hz-20KHz(±0.3dB) 阻尼系数 Damping Coefficient: 500:1 最大消耗功率 Maximum Power consumption: 3500W 输入灵敏度 Input Sensitivity: 0.775V 输入阻抗 Input Impedance: 10K ohms-20K ohms



设备名称 Description	低音功放 Basic power amplifier
产品型号 Model: H1000 数量 Quantity: 2 总谐波失真 THD: ≤0.05% 转换速率 Slew Rate: 80V/us 电源 Power Supply: 220V/50/60z 尺寸 Size: 483*450*88mm 重量 Weight: 20.5Kg	输出功率 Output Power: 8Ω 1000W*2, 4Ω 1500W*2 8Ω 桥接功率 Bridge Power: 3000W 频率响应 Frequency Response: 20-20KHz(±0.3dB) 阻尼系数 Damping Coefficient: 500:1 最大消耗功率 Maximum Power consumption: 4200W 输入灵敏度 Input Sensitivity: 0.775V 输入阻抗 Input Impedance: 10K ohms-20K ohms



设备名称 Description	4进8出音频处理器 4 in/8 out audio processor
产品型号 Model: DX4008 数量 Quantity: 1	
主要特点: Dx4008 是一款全数字音频处理器, 外观简洁大方, 采样频率达96千赫兹, 配备32位数字信号处理DSP处理器, 具备24位精度, 数字A/D/D/A转换器 - 模拟 (D/A) 转换功能; 提供USB, RS232接口, 还可通过网络端口和无线网连接至计算机; 能够存储12组用户程序。	
Principal Features: Dx4008 is a full digital audio processor, the appearance is simple and generous, 96kHz sampling frequency, 32-bit DSP processor, 24-bit A/D and D/A conversion, Provide USB, RS232 interface, network port and WIFI can connect to the computer, Can store 12 groups of user programs.	



设备名称 Description	数字调音台 Digital mixing console
产品型号 Model: MX16 数量 Quantity: 1	
主要特点: 源自台外出品Bentley宾利汽车设计团队, 采用高性能的碳纤维和高强度铝合金打造, 32路输入通道, 16个AUX输出, 6个编组, 支持蓝牙和USB播放, 具备保存与调用, 7*120x400mm的超薄屏, 9个100mm行程的电调子, 1个31段GEQ, 1个耳机监听输出接口, 3个快捷模式调用键, 1个RS232口, 支持中控控制。	
Principal Features: The mixer's exterior is designed by the designers of Bentley cars. It is crafted from high-performance carbon fiber and high-strength aluminum alloy. It has 32 input channels, 16 AUX outputs, and 6 group channels. It supports Bluetooth and USB playback, as well as scene saving and recall. It is equipped with a 7-inch touchscreen with a resolution of 1024x600 and 9 electric faders with a stroke of 100mm. It has one 31-band GEQ (Graphic Equalizer) and one headphone monitoring output port. There are 3 quick mode recall buttons and one RS232 port, and it supports central control.	



设备名称 Description	吊架 Flying frame
产品型号 Model: A-208 数量 Quantity: 2	
定制配套吊架, 配长短连杆, 4个U型扣, 2根绑带。 Customized supporting hanger, with long and short connecting rod, 4 U buckle, 2 bandages.	

注: CH120系统所需的机柜需根据实际情况定制。
Note: The cabinet required for the CH120 system needs to be customized according to the actual situation.

CH120

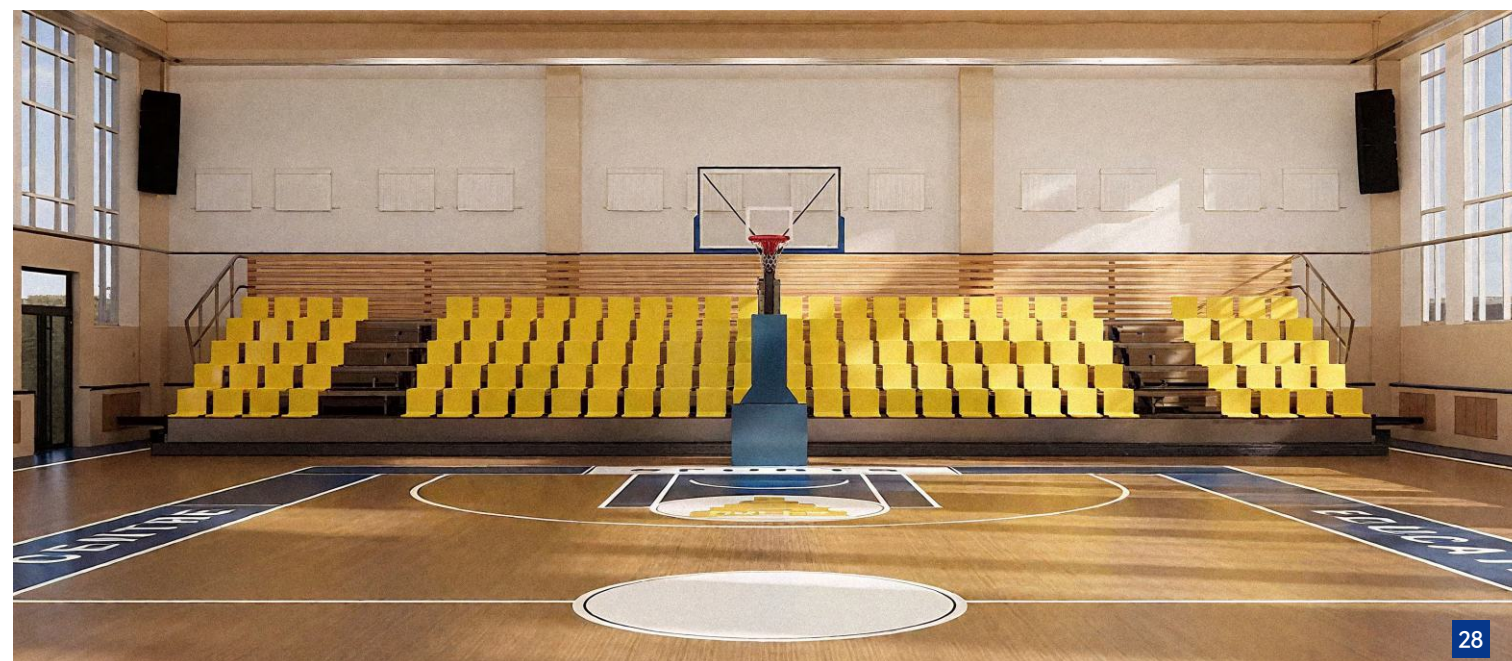
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在实用性与耐用性上，CH120同样出色。专业吊挂件支持快速灵活的吊挂安装，可按需调整角度精准覆盖声场，落地模式也适配各类临时活动场景；人体工程学把手设计，大幅提升搭建效率。箱体选用多层桦木夹板，外覆防水防撞聚脲涂层，搭配加硬金属铁网与声学透气网棉，兼顾防护性与声学性能，无论是频繁转场演出还是户外复杂环境，都能稳定发挥。

In practicality and durability, the CH120 also shines. Professional rigging supports quick, flexible hanging installation with adjustable angles for precise sound coverage, while the floor-standing mode fits temporary event setups. Its ergonomic handles boost setup efficiency.

The cabinet, made of multi-layer birch plywood with waterproof impact-resistant polyurea coating, combines a hardened metal grille and acoustic mesh for protection and sound quality. It withstands frequent touring and outdoor environments with stable performance.



CH-110

Single 10-inch Line Array Speaker

单10寸线性音箱

组合参数

Combination parameters

特点

CH110单10寸线性音箱，以10英寸低频驱动器与3英寸高频驱动器的黄金组合，精准演绎澎湃低频与震撼鼓点。搭配一体成型线阵号角，科学控制声波扩散角度，实现声场均匀覆盖，为观众带来沉浸式听觉体验。

Feature

Ch110 single 10-inch line array speaker features a precise combination of 1x10" low-frequency driver and 1x3" high-frequency driver, delivering powerful low frequencies with deep extension to accurately present the shocking impact of rhythmic drumbeats. Paired with an integrally formed line array horn design, it effectively controls the sound wave diffusion angle for uniform coverage.

应用领域

大型演出: 音乐节、演唱会、剧院表演等;
体育赛事: 体育场馆，学校礼堂等;
大型集会: 国际会议中心，户外集会等;
旅游景点: 主题公园、旅游景点等扩声场所。

Application

Large-scale performances: music festivals, concerts, theater performances, etc.;

Sports events: stadiums, school auditoriums, etc.;

Large-scale gatherings: international conference centers, outdoor gatherings, etc.;

Tourist attractions: theme parks, tourist attractions and other sound reinforcement venues.



设备名称 Description	单10寸线性音箱 Single 10-inch line array speaker
产品型号 Model: CH-110 数量 Quantity: 8 低音 Woofer: 1x10" 高音 Tweeter: 1x 3" 标称阻抗 Nominal Impedance: 8Ω 额定功率 Power Handling: 400W 灵敏度 Sensitivity: 105dB	频率响应 Frequency Range (+/-3 dB): 65Hz -20kHz 辐射角度 Dispersion: (-6 dB)H x V90°x 10° 最大声压级 Maximum SPL: 132dB 连接插座 Connection: 2x Speaker N4 箱体尺寸 Box Size: 580*474*335mm 净重 Net Weight: 24kg



设备名称 Description	监听音箱(全天候防水) Monitor speaker (all-weather waterproof)
产品型号 Model: NM-12M 数量 Quantity: 2 阻抗 Impedance: 8Ω 灵敏度 Sensitivity: 102dB/W/m 扩散角度 Diffusion Angle: 90°Hx90°V 构成 Construction: 12"x1.7"	最大声压级 Maximum SPL: 132dB 频率响应 Frequency Response: 65Hz-18.5KHz 平均功率 Average Power: 400W 峰值功率 Peak Power: 1600W 音箱尺寸 Speaker Size: 460*300*460mm 净重 Net Weight: 19kg



设备名称 Description	监听功放 Monitor Power Amplifier
产品型号 Model: H800 数量 Quantity: 1 总谐波失真 THD: ≤0.05% 转换速率 Slew Rate: 60V/us 信噪比 SNR: 105dB 电源 Power Supply: 220V/50/60z 尺寸 Size: 450*483*88mm 重量 Weight: 18.5Kg	输出功率 Output Power: 8Ω 850W*2, 4Ω 1275W*2 8Ω 桥接功率 Bridge Power: 2550W 频率响应 Frequency Response: 20Hz-20KHz(±0.3dB) 阻尼系数 Damping Coefficient: 500:1 最大消耗功率 Maximum Power consumption: 3500W 输入灵敏度 Input Sensitivity: 0.775V 输入阻抗 Input Impedance: 10K ohms-20K ohms



设备名称 Description	智能电源管理器 Smart power manager
产品型号 Model: DF-14 数量 Quantity: 1	
主要特点: 2U机架式机箱设计, 空气开关短路, 过流保护, 后面板14通道输出可控, 前面板1路直通, 16A万用插座, 支持通道1秒延时时序开关控制, 支持通道全开、全关闭控制, 单组通道开关控制, 支持2台设备级联顺序控制, 支持外部开关信号触发时序电源启动和关闭。	
Principal Features: 2U rack height Chassis design, Air switch short circuit, overcurrent protection, Rear panel 14-channel output controllable, front panel 1-way through, 16A universal socket, Support channel 1 second interval timing switch control, Support channel full open, full close control, Support single channel switch control, Supports cascade sequence control of 2 devices, Support external switching signals to trigger timing power start and close.	



设备名称 Description	真分集话筒 True diversity microphone
产品型号 Model: V10 数量 Quantity: 1	
主要特点: 采用红外外频与手动编码方式实现无线同步, 无线接收距离远近可调, 频率可锁定控制功能按钮, 独特智能ID识别技术, 实现多套同时分布使用, 具有平衡和非平衡音频输出, 方便和各种音源设备连接, 发射频率50MHz可调, 方便各频率段互换, 易读前侧液晶显示。	
Principal Features: Wireless synchronization of the transmitter is achieved through infrared frequency pairing and manual frequency adjustment, The wireless receiving distance is adjustable, and there is a function button for locking the frequency. With the unique intelligent ID recognition technology, multiple sets can be used simultaneously and distributed. It has balanced and unbalanced audio outputs, making it convenient to connect with various audio devices. The transmitter adopts a 50MHz bandwidth, which makes it convenient to interchange different frequency bands. It has an easy-to-read illuminated LCD display.	



设备名称 Description	天线放大器 Antenna amplifier
产品型号 Model: TX-870 数量 Quantity: 1	
主要特点: 高清彩色2.2寸显示屏, 开机logo可定制(分辨率480*800), 可实时显示日期时间, 频率范围, 功率大小, 旋钮控制, 带USB 接口连接, 主机内置独立级联口, 天线放大器主机级联数量没有限定数量, 天线输入接口具有供应级联源的电源, 天线放大器主机提供220V输出可连接下一台天线放大器主机或其它220V电器。	
Principal Features: High-definition color 2.2-inch display screen, the boot logo can be customized, It can display the date and time, frequency range, and power level in real time, and is controlled by a knob. It has a USB port and a network port for connection, and there is an independent cascading port inside the main unit. There is theoretically no limit to the number of antenna amplifier main units that can be cascaded.	



设备名称 Description	18寸次低音箱 18" subwoofer
产品型号 Model: CH-118B 数量 Quantity: 4 低音 Woofer: 1x18" 灵敏度 Sensitivity: 99dB 阻抗 Impedance: 8Ω 额定功率 Rated Power: 600W	频率响应 Frequency Response: 40Hz-1000Hz 最大声压级 Maximum SPL: 127dB/peak133dB 连接插座 Connection: 2x Speaker N4 箱体尺寸 Box Size: 645*600*581mm 净重 Net Weight: 43kg



设备名称 Description	线阵全频功放 Line Array Full Range Power Amplifier
产品型号 Model: H800 数量 Quantity: 4 总谐波失真 THD: ≤0.05% 转换速率 Slew Rate: 60V/us 信噪比 SNR: 105dB 电源 Power Supply: 220V/50/60z 尺寸 Size: 450*483*88mm 重量 Weight: 18.5Kg	输出功率 Output Power: 8Ω 850W*2, 4Ω 1275W*2 8Ω 桥接功率 Bridge Power: 2550W 频率响应 Frequency Response: 20Hz-20KHz(±0.3dB) 阻尼系数 Damping Coefficient: 500:1 最大消耗功率 Maximum Power consumption: 3500W 输入灵敏度 Input Sensitivity: 0.775V 输入阻抗 Input Impedance: 10K ohms-20K ohms



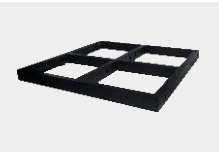
设备名称 Description	低音功放 Bass power amplifier
产品型号 Model: H1000 数量 Quantity: 2 总谐波失真 THD: ≤0.05% 转换速率 Slew Rate: 80V/us 电源 Power Supply: 220V/50/60z 尺寸 Size: 483*450*88mm 重量 Weight: 20.5Kg	输出功率 Output Power: 8Ω 1000W*2, 4Ω 1500W*2 8Ω 桥接功率 Bridge Power: 3000W 频率响应 Frequency Response: 20-20KHz(±0.3dB) 阻尼系数 Damping Coefficient: 500:1 最大消耗功率 Maximum Power consumption: 4200W 输入灵敏度 Input Sensitivity: 0.775V 输入阻抗 Input Impedance: 10K ohms-20K ohms



设备名称 Description	4进8出音频处理器 4 in 8 out 8 and quality processors
产品型号 Model: DX4008 数量 Quantity: 1	
主要特点: DX4008是一款全数字音频处理器, 外观简洁大方, 采样频率达96千赫兹, 配备32位数字信号处理(DSP)处理器, 具备24位的模拟-数字(A/D)和数字-模拟(D/A)转换功能, 提供I2C、RS232接口, 还可通过网络接口和无线网络连接至计算机, 能够存储12组用户程序。	
Principal Features: Dx4008 is a full digital audio processor, the appearance is simple and generous, 96kHz sampling frequency, 32-bit DSP processor, 24-bit A/D and D/A conversion, Provide USB, RS232 interface, network port and WIFI can connecto the computer; Can store 12 groups of user programs.	



设备名称 Description	数字调音台 Digital mixing console
产品型号 Model: MX16 数量 Quantity: 1	
主要特点: 源自台外名厂Bentley宾利汽车设计团队, 采用高性能的碳纤维和高强度铝合金打造, 32路输入通道, 16个AUX输出, 6个耳机, 支持多套同时分布使用, 具有平衡和非平衡音频输出, 方便和各种音源设备连接, 发射频率50MHz可调, 方便各频率段互换, 易读前侧液晶显示。	
Principal Features: The mixer's exterior is designed by the designers of Bentley cars. It is crafted from high-performance carbon fiber and high-strength aluminum alloy. It has 32 input channels, 16 AUX outputs, and 6 group channels. It supports Bluetooth and USB playback, as well as scene saving and recall. It is equipped with a 7-inch touchscreen with a resolution of 1024x600 and 9 electric faders with a stroke of 100mm. It has one 31-band GEQ (Graphic Equalizer) and one headphone monitoring output port. There are 3 quick mode recall buttons and one RS232 port, and it supports control control.	



设备名称 Description	吊架 Flying frame
产品型号 Model: A-208 数量 Quantity: 2	
定制配套吊架, 配长短连杆, 4个U型扣, 2捆带。 Customized supporting hanger, with long and short connecting rod, 4 U buckle, 2 bandages.	

注: CH110系统所需的机柜需根据实际情况定制。
Note: The cabinet required for the CH120 system needs to be customized according to the actual situation.

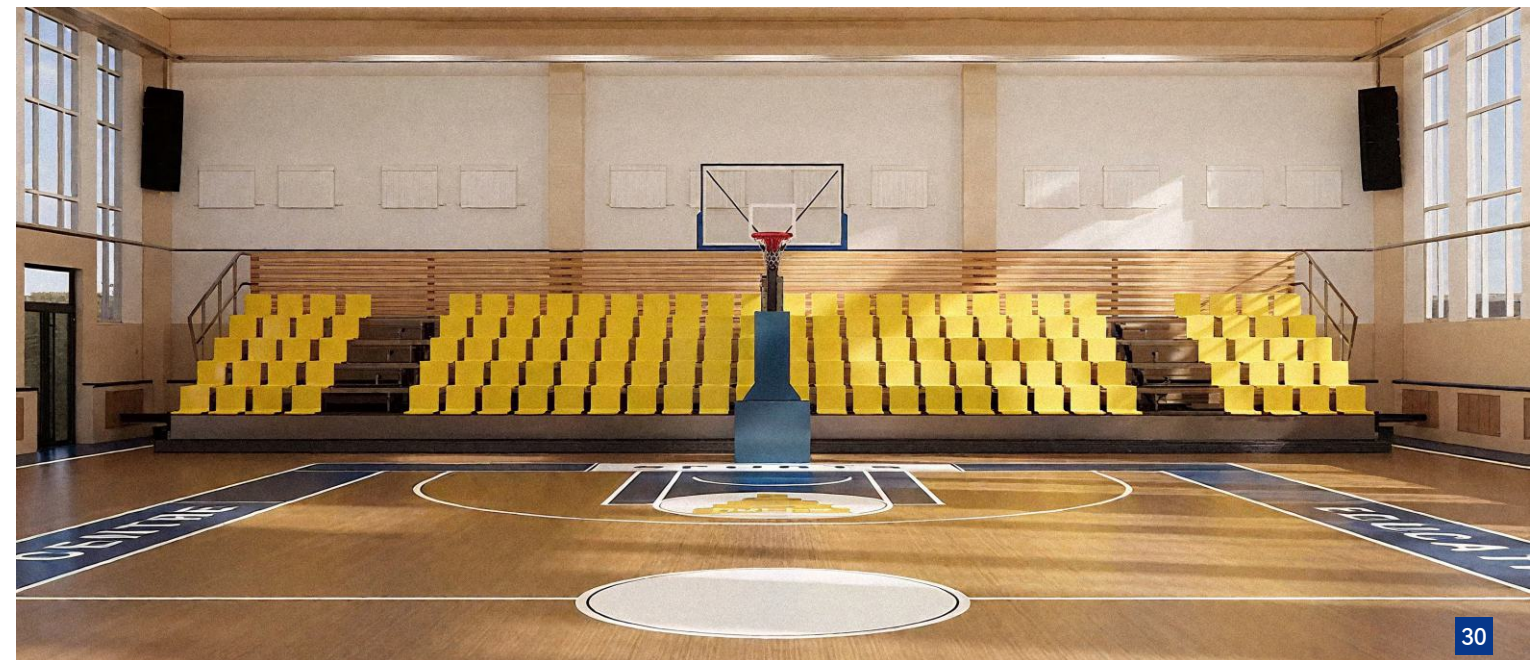
CH110

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Manufacture • Professionalism • High Quality

其专业吊挂件支持灵活多角度安装，落地模式适配快装需求，人体工学把手大幅提升搭建效率。箱体采用多层桦木夹板，外覆防水防撞聚脲涂层，结合加硬金属铁网与声学透气网棉，兼顾防护与音质传输。无论是户外演出、大中型流动演出，还是多功能厅日常使用，都能轻松胜任。

Equipped with professional hanging hardware, it enables quick suspension installation and flexible angle adjustment for precise coverage. The floor-standing mode suits fast-setup events, while the ergonomic handle boosts installation efficiency. Constructed from multi-layer birch plywood with waterproof polyurea coating, it withstands impacts and harsh weather. The hardened metal grille with acoustic mesh protects components without compromising sound quality, ideal for mobile performances and multi-function halls.



室内音响系统

Indoor Audio System

05

KD-12S

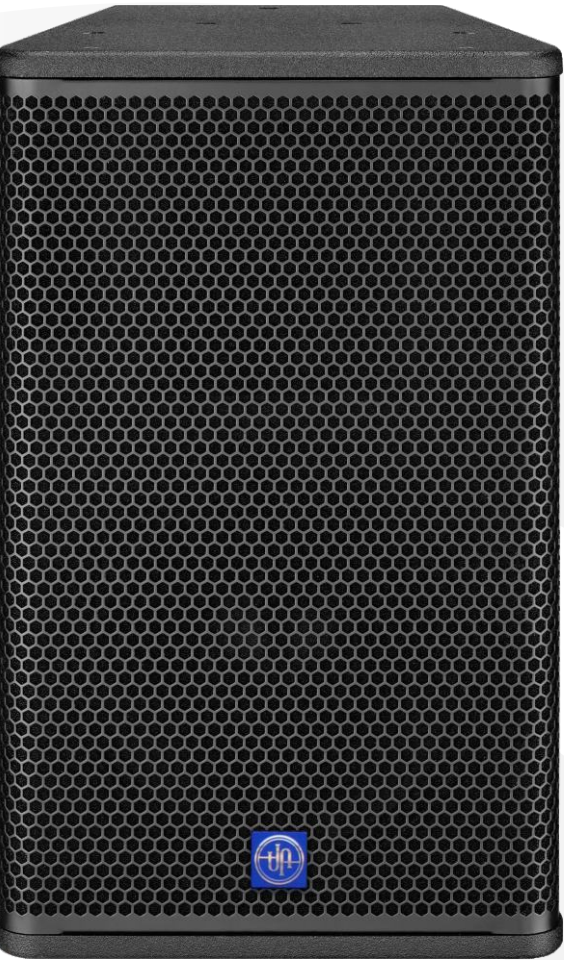
KTV sound system
KTV音响系统

特点

此音响系统是本公司专为KTV场所研发的款式。搭载航天磁低音单元与进口百变龙高音，兼顾低频力度与高频细腻度，频率响应宽广（50HZ-18KHZ），适合各类音乐场景。高音传播均匀，无啸叫现象，能减少对人声干扰，清晰度高；低频灵活、柔和且有力，高频细腻清晰，动态充足，声音细腻，能展现音乐细节，收放自如，动感独特。一套适用于约30平方左右。

Feature

This audio system is a model specially developed by our company for KTV venues. Equipped with an aerospace magnet bass unit and imported Celestion treble unit, it balances the power of low frequencies and the clarity of high frequencies. With a wide frequency response range of 50Hz–18kHz, it is suitable for various musical scenarios. The high frequencies are evenly distributed without howling, reducing interference with human voices and ensuring high clarity. The low frequencies are flexible, soft yet powerful, while the high frequencies are delicate and clear. With abundant dynamics and a refined timbre, it precisely reveals musical details and creates a unique dynamic atmosphere. One set is suitable for spaces of approximately 30 square meters.



KD-12S作为一款12寸后倒音箱，高音号角100°×85°可旋转覆盖角度设计，适配不同空间布局，实现精准声场控制，提升声音覆盖灵活性；多种安装方式，安装简便，适合KTV场所多样化安装需求。

As a 12-inch rear-ported speaker, the KD-12S features a 100°×85° rotatable coverage angle design for its high-frequency horn, adapting to different spatial layouts to achieve precise sound field control and enhance the flexibility of sound coverage. With multiple easy-to-install mounting methods, it meets the diverse installation needs of KTV venues.

组合参数

Combination parameters



设备名称 Description	12寸后倒音箱 12 inch rear speaker
产品型号 Model: KD-12S 数量 Quantity: 2 低音 Woofer: 1x12" 高音 Tweeter: 44-core 额定功率 Power Handling: 400W 灵敏度 Sensitivity: 98dB	频率范围 Frequency Range: 50Hz-18kHz 辐射角度 Dispersion: 100°x 85° 最大声压级 Maximum SPL: 119dB 净重 Net Weight: 19.5kg 箱体材质 Box material: 桦木, 聚酯漆漆面/ Birch wood, polyurea paint finish



设备名称 Description	前置放大器 Preamp Effect Processor
产品型号 Model: V6 PRO 数量 Quantity: 1	
主要特点: 这款前置效果器集音箱处理功能于一体，各模块功能独立可调。它搭载 28bit 数据总线与 320k DSP，性能强劲，音乐、话筒、主输出、中置/低音/超低输出分别配备 7 段、15 段、5 段、3 段参数均衡，同时具备压缩、压缩限制功能。麦克风支持 4 种反馈抑制模式，各主要输出端口均设有压缩及延时功能。支持 16 种模式存储，设有管理员与用户双模式，用户模式仅支持临时存储。 Principal Features: This preamp effect processor integrates speaker processing functions with independently adjustable modules. Equipped with a 28bit data bus and 320k DSP, it offers robust performance. It features 7-band parametric EQ for music, 15-band for microphones, 5-band for main outputs, and 3-band for center, rear, and subwoofer outputs, complemented by compression/limiting and microphone limiting functions. The microphone supports 4 feedback suppression modes (OFF/1/2/3), while all major outputs (microphone, main, center, subwoofer, rear) include limiting and delay functions. It allows storage of 16 presets and has dual modes: Administrator and User, with the latter disabling parameter storage after adjustments.	



设备名称 Description	电源时序器 Power Sequencer
产品型号 Model: SK-09 数量 Quantity: 1 工作电压 Operating Voltage: 100-240V 最大功率 Maximum Total Power: 5000W 单路最大功率 Maximum Power per Channel: 2500W 产品尺寸 Product Dimensions: 480*190*44mm 产品重量 Product Weight: 2.6kg 包装重量 Packaging Weight: 3kg	



设备名称 Description	专业功率放大器 Professional power amplifier
产品型号 Model: DH800 数量 Quantity: 1 总谐波失真 THD: <0.05% 信噪比 SNR: >103dB 转换速率 Conversion Rate: >60V/us 阻尼系数 Damping Coefficient: >550:1 分辨率 Resolution: >105dB 灵敏度 Sensitivity: 0.775V/1W/1.44V 阻抗 Impedance: 10K ohms-20K ohms	立体声功率 Stereo power: 8Ω 850W*2, 4Ω 1200W*2 8Ω 桥接功率 Bridged power: 2400W*1 频率响应 Frequency Response: 20Hz-20KHz(±0.1dB) 功放类别 Amplifier Category: Class-H 电源 Power Supply: AC220V/50/60z 电源消耗功率 Power consumption: 2400W 箱体尺寸 Box Size: 450*483*68mm 净重 Net Weight: 18.5kg



设备名称 Description	真分集无线话筒 True Diversity Wireless Microphone
产品型号 Model: V60 数量 Quantity: 1	
主要特点: 这款真分集无线话筒，接收机工作于640-690MHz频段，红外对频，可显示发射器电量，其信噪比>105dB，失真<0.5%，40Hz-18KHz频率响应，双通道降噪控制，空矿使用距离达200米。发射器200频道，50MHz带宽，250KHz间隔，频率稳定性±0.005%，AA电池供电，发射功率出厂150m，手动可调至200m。 Principal Features: This true diversity wireless microphone features a receiver operating in the 640-690MHz band with infrared frequency pairing, displaying transmitter battery level. It offers >105dB SNR, <0.5% THD, 40Hz-18KHz frequency response, dual noise-lock squelch control, and up to 200m range in open areas. The transmitter has 200 channels across 50MHz bandwidth (250KHz spacing), ±0.005% frequency stability, powered by 2 AA batteries. Transmitt power is factory-set to 150m (low) and manually adjustable to 200m (high).	

注：KTV系统所需的机柜需根据实际情况定制。
Note: The cabinet required for the KTV system needs to be customized according to the actual situation.

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KD-12S音箱以15毫米桦木胶合板为箱体主材，凭借天然纤维结构与高密度特性，实现卓越稳定性与抗冲击性，在专业KTV、演出等高频使用场景中，能有效抑制谐振失真，从容应对频繁搬运与复杂环境挑战；箱体表面经聚脲漆工艺处理，形成致密耐磨防护层，兼顾质感与耐用性；声学性能上，400W额定功率驱动单元搭配119dB最大声压级输出，打造刚柔并济的震撼音效，为用户带来专业级听觉体验。

K2 employs L-acoustics Panflex™ technology, which combines mechanically adjustable fins with DSP algorithms to effectively narrow or widen the horizontal directivity from 300 Hz. This technology serves multiple purposes: adapting to the width of widened areas, meeting coverage/sound pressure requirements for short and long distances, reducing or expanding overlapping zones, and avoiding reflective surfaces. As a result, K2 can adapt to the complex shapes of any audience area while delivering optimal sound performance and minimal noise



CH44

Conference Room Audio System
会议室音响系统

特点

专为会议室研发的专业音响系统，由声学工程师精心设计独特单元布局与箱体结构。经精密计算优化高、低音单元距离与声波辐射角度，有效消除相位干扰与驻波反射，确保高频清亮通透、低频强劲纯净。无论是清晰还原人声对白，还是精准分离乐器音色，都能营造层次丰富的立体声场。即便在多墙面反射的复杂环境中，依然保持声音精准传递，杜绝浑浊失真。系统适配 30-60m²会议室，支持个性化定制，满足不同场景需求。

Feature

This professional audio system is specially developed for conference rooms, featuring a unique driver layout and cabinet structure meticulously designed by acoustic engineers. Through precise calculations to optimize the spatial distance between tweeters and woofers and the acoustic radiation angles, it effectively suppresses phase interference and standing wave reflections across frequency bands—ensuring transparent highs and powerful, pure lows without mutual distortion. Whether for clear vocal dialogues or precise instrument separation, it delivers a layered soundstage. Even in complex acoustic environments with multi-wall reflections (such as conference rooms), it maintains accurate sound transmission while eliminating muddiness and distortion. Suitable for 30-60m² spaces, custom configurations are available to meet specific requirements.



产品兼顾专业音质与便携性：紧凑机身采用人体工学圆弧设计，单手握持、搬运轻松；轻量化设计支持快速部署，适用于中小型会议室、培训教室、户外会议等多场景。高频解析力达 20kHz，精准还原人声，尤其适合演讲、汇报及视频会议，确保语音清晰，提升沟通效率。

This product seamlessly combines professional-grade sound quality with portability. Its compact body features an ergonomic rounded design, allowing for effortless one-handed grip and transport. Thanks to its lightweight construction, it can be quickly deployed in various scenarios, including small to medium-sized conference rooms, training classrooms, and outdoor meetings. With a high-frequency resolution of up to 20kHz, it precisely reproduces human voices, making it ideal for speeches, presentations, and video conferences. It ensures every vocal detail is crystal clear, enhancing communication efficiency.

组合参数



设备名称 Description	线性音柱 Linear sound column
产品型号 Model: CH44	频响 Frequency Response: 65Hz - 20kHz
数量 Quantity: 4	最大声压级 Maximum SPL: 124.8dB / 127.8dB
单元 Driver: 4 x 4"	垂直指向性 Vertical Directivity(1KHz - 16KHz): 20°(10° - 10°)
额定功率 Power Handling: 300W	垂直指向性 Vertical Directivity(1KHz - 4KHz): 40°(20° - 20°)
最大功率 Maximum power: 600W	水平指向性 Horizontal Directivity(1KHz - 16KHz): 80°(40° - 40°)
灵敏度 Sensitivity: 97dB	水平指向性 Horizontal Directivity(1KHz - 4KHz): 120°(60° - 60°)
阻抗 Impedance: 8Ω	连接器 Connectors: 2 x 4-pin Speaker
箱体尺寸 Box Size: 150 x 170 x 470mm	吊装螺母孔 Fly Nut Holes: 12 x M8
净重 Net weight: 7.5kg	



设备名称 Description	音频处理器 Audio processor
产品型号 Model: DF26	数量 Quantity: 1
主要特点: 设备核心搭载采用 32 位 DSP SHARC 芯片，支持 96kHz 采样率，24bit AD/DA 转换，2 进 6 出平衡式 XLR 连接，输入含 8 声道均衡等功能，输出集成 8 声道均衡器等单元；PEQ 参数连续可调，类型丰富，高低切 / 分频器类型多样，输出延迟与延时参数可调，支持矩阵分配、通道改名、相位曲线调整、参数复制运动及 PEQ 曲线实时显示，配备电平指示灯、USB 及 232 接口，支持一键巡航，具备 30 个预设，独立存储及密码保护。	
Principal Features: This audio processor uses a 32-bit DSP SHARC chip, supports 96kHz sampling/24-bit AD/DA, and has 2x6 balanced XLR I/O. Inputs feature 9-band PEQ, high/low cuts, gain/mute/phase/delay with linking; outputs include 8-band PEQ, crossovers, compression/limiter, and similar controls. PEQ parameters are continuously adjustable with selectable types (parametric, shelf/tilt, 1st/2nd-order phase). Filters/crossovers offer Butterworth/Linkwitz-Riley/Bessel types with -5 to -48dB/Oct slopes. Output compression and 500ms delay are adjustable. Supports matrix routing, channel renaming, phase curve adjustment (180°/360°), parameter copy/link, and real-time PEQ display. Front panel level indicators, USB, rear 232 port for one-key connection. 30 presets with storage and password protection.	



设备名称 Description	真分集一拖二话筒 True diversity wireless microphone system
产品型号 Model: AG12S	数量 Quantity: 1
主要特点: 这款真分集话筒采用双通道超外差式接收，工作频率 610-670MHz（支持定制），载波频段 470MHz-960MHz，可实现 12 套设备同时使用，右通道配备 100 组频道，具备 45dBm 接收灵敏度，射频频宽优异，输入 100dBu 时信噪比≥45dB，2.0 寸 TFT 全彩英文显示屏搭配飞梭键手动调节，静噪支持 LOW、MED、HIGH 三档调节，通过 IR 红外实现频率同步。	
Principal Features: This true diversity microphone system features dual-channel superheterodyne reception with an operating frequency range of 610-670MHz (customizable), supporting a carrier frequency band of 470-960MHz. It allows simultaneous operation of up to 12 units (stackable configuration), with 100 selectable channels per receiver. Equipped with 45dBm image rejection and excellent RF sensitivity (S/N ≥45dB at 100dBu input), it ensures reliable signal capture. The 2.0-inch TFT color display with English menu is controlled via a rotary encoder, offering manual adjustment of functions like squelch (LOW/MED/HIGH settings) and IR synchronization for frequency matching.	



设备名称 Description	专业后级功放 Professional power amplifier
产品型号 Model: DH500	立体声功率 Stereo power: 8Ω 500W*2, 4Ω 750W*2
数量 Quantity: 2	8Ω 桥接功率 Bridged power: 1500W*1
总谐波失真 THD: <0.05%	频率响应 Frequency Response: 20Hz-20KHz(±0.3dB)
信噪比 SNR: >103dB	电源 Power Supply: 220V/50/60z
转换速率 Conversion Rate: >60V/us	电源消耗功率 Power consumption: 1800W
阻尼系数 Damping Coefficient: 400:1	电箱尺寸 Box Size: 450*483*88mm
灵敏度 Sensitivity: 0.775V/mV(1.44V)	净重 Net Weight: 15.5kg
阻抗 Impedance: 10K ohms - 20K ohms	



设备名称 Description	8路调音台 8-channel mixer
产品型号 Model: X8	数量 Quantity: 1
主要特点: 该调音台集声源通道和峰值指示、三段均衡及 60mm 推子、2 路立体声线路输入可含 +4/-10dB 灵敏度，各通道设通断 / 预升开关，1 组立体声输入 / 2 路输出，内置 16 种效果 DSP 与 +48V 5V 电源，主输出配七段均衡器，带耳机 / 立体声平衡输出，2x12 点峰值电平显示，集成 LCD 屏 MP3 播放器（USB 播放）及电脑 USB 音频接口。	
Principal Features: This mixer features mono channels with peak indicators, 3-band EQ, and 60mm faders. Two stereo line inputs offer +4/-10dB sensitivity selection; each channel includes on/off and PEQ switches, plus 1 stereo aux input and 2 aux outputs. It integrates a 16-effect DSP, +48V phantom power, 7-band graphic EQ on main outputs, headphone/stereo balanced outputs, and 2x12-segment peak level meters. The built-in LCD MP3 player supports USB playback, and there's a USB audio interface for direct computer connection.	



设备名称 Description	智能电源时序器 Intelligent Power Sequencer
产品型号 Model: DF-10	数量 Quantity: 1
技术参数: 额定输出电压: 交流220V/50Hz 额定输出电流: 30A 可控制电源: 8路 每路动作延时时间: 1秒 供电电源: AC/220V 50 / 60Hz 25A 每路输出带指示灯/数码管显示。 单路额定输出电源: 30A 可达3000W	
Technical Parameters: Rated Output Voltage: AC 220V, 50Hz Rated Output Current: 30A Controllable Power Outputs: 8 channels Delay Time per Channel: 1 second Power Supply: AC 220V, 50/60Hz, 25A Each channel features indicator light/digital display. Single-channel rated output: 30A (up to 3000W)	

注：会议室系统所需的机柜需根据实际情况定制。
Note: The cabinet required for the conference room system needs to be customized according to actual conditions.

◎ 制造·专业·高品质
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箱体选用高密度中密度纤维板（MDF）精心打造，这种材质凭借均匀的内部结构与出色的阻尼特性，可有效吸收箱体谐振，减少音染。接缝处采用进口汽车级腻子进行多层密封处理，通过精密压合工艺确保腔体的气密性，避免漏气导致的低频松散问题。表面涂装工序尤为考究：先经细腻打磨塑造平滑质感，再均匀覆盖5层环保水性漆，不仅形成耐磨抗刮的防护层，更赋予箱体温润雅致的视觉质感，兼顾实用性与美观度。

The cabinet is crafted from high-density MDF, known for its uniform structure and damping to absorb resonance and reduce sound coloration. Joints are sealed with multi-layer automotive-grade putty via precision pressing to ensure airtightness, preventing low-frequency looseness. The surface is finely sanded and coated with 5 layers of eco-friendly water-based paint, forming a wear-resistant finish that balances durability with an elegant aesthetic.



会议室

Conference Room



SH46

Multifunctional Hall Audio System
多功能厅音响系统

特点

此音响系统是本公司专为多功能室研发的款式。独特的单元布局与箱体几何结构经过专业声学工程师精密计算，通过优化高音与低音单元的空间距离及声波辐射角度，有效抑制不同频段间的相位干扰与驻波反射，确保高频的通透细腻与低频的纯净有力互不干扰。无论是人声对白的清晰度还是乐器分离度，均能呈现层次分明的声场表现，即便在复杂声学环境中（如多墙面反射的会议室），也能保持声音的精准传递，避免浑浊与失真。一套适用于约200平方左右，可根据实际情况定制。

Feature

This audio system is a model specially developed by our company for multi-functional halls. The unique driver layout and cabinet geometric structure have been precisely calculated by professional acoustic engineers. By optimizing the spatial distance between the tweeter and woofer units and the sound wave radiation angles, it effectively suppresses phase interference and standing wave reflection between different frequency bands, ensuring that the transparent and delicate high frequencies and the pure and powerful low frequencies do not interfere with each other. Whether it is the clarity of vocal dialogue or the separation of instruments, it can present a layered soundstage performance. Even in complex acoustic environments (such as conference rooms with multi-wall reflections), it can maintain accurate sound transmission and avoid turbidity and distortion. This set is suitable for spaces of approximately 200 square meters and can be customized according to actual needs.



产品兼顾专业音质与便携性，采用紧凑设计及人体工学圆弧边角，单手即可轻松握持搬运。轻量化特性便于快速部署，适用于中小型会议、培训、户外临时会议等多种场景。凭借20kHz高频解析力精准还原人声，尤其契合演讲、汇报、视频会议等需求，保障语音清晰，提升沟通效率。

The product balances professional-grade sound quality with portability. It features a compact design with ergonomic rounded edges, allowing for easy one-handed grip and transportation. Its lightweight nature enables quick deployment across various meeting scenarios, including small to medium-sized conference rooms, training classrooms, and outdoor temporary meetings. With a high-frequency resolution of up to 20kHz, it accurately reproduces human voices, making it ideal for speeches, presentations, video conferences, and other applications. This ensures every vocal detail is crystal clear, enhancing communication efficiency.

组合参数



设备名称 Description	线性音柱 Linear sound column
产品型号 Model: SH46 数量 Quantity: 8 单元 Driver: 6 x 4" 额定功率 Power Handling: 450W 最大功率 Maximum power: 900W 灵敏度 Sensitivity: 99dB 阻抗 Impedance: 5.3Ω / 10.6Ω 箱体尺寸 Box Size: 150 x 170 x 670mm 净重 Net weight: 10.5kg	频响 Frequency Response: 65Hz - 20kHz 最大声压级 Maximum SPL: 124.8dB / 127.8dB 垂直指向性 Vertical Directivity(1KHz - 16KHz): 14°(7° - 7°) 垂直指向性 Vertical Directivity(1KHz - 4KHz): 30°(15° - 15°) 水平指向性 Horizontal Directivity(1KHz - 16KHz): 80°(40° - 40°) 水平指向性 Horizontal Directivity(1KHz - 4KHz): 120°(60° - 60°) 插接 Connectors: 2 x 4-pin Speaker 吊装螺母 Fly Nut Holes: 14 x M8



设备名称 Description	音频处理器 Audio processor
产品型号 Model: F100 数量 Quantity: 1	
主要特点: 该设备是会议系统的理想解决方案，配备 2 英寸 TFT 彩色显示屏，支持中英文切换，其反馈抑制采用频移技术，具备 1 档可调设置，每通道设有 12 个滤波器，工作频率范围 20-20kHz，可自动扫描并抑制啸叫点，独特的噪声门功能能够降低环境干扰，输入压缩功能可在消除反馈的同时增强人声动态效果，设备提供 3 种响应速度调节，满足个性化使用需求，还支持通过 USB 连接电脑调试，免驱动即插即用，操作便捷高效。 Principal Features: Designed as a perfect anti-howling solution for conference systems, the device features a 2-inch TFT color screen with Chinese/English language options. Its feedback suppression combines frequency shift technology with 4 adjustable settings, while 12 notch filters per channel (operating across 20-20kHz) automatically detect and suppress howling points. A unique noise gate minimizes ambient interference, and the input compression function enhances vocal dynamics while eliminating feedback. With 3 customizable response speeds for tailored usability, the device supports hassle-free PC debugging via USB, requiring no additional drivers for quick setup.	



设备名称 Description	音频处理器 Audio Processor
产品型号 Model: DX4008 数量 Quantity: 1	
主要特点: DX4008 是一款全数字音频处理器，外观简约大方，采样频率达96千赫兹，配备32位数字信号处理(DSP)处理器，具备24位的模拟-数字(A/D)和数字-模拟(D/A)转换功能，提供USB、RS232接口，还可通过网口接口和无线网络连接至计算机，能够存储12组用户程序。 Principal Features: DX4008 is a full digital audio processor; the appearance is simple and generous; 96kHz sampling frequency; 32-bit DSP processor; 24-bit A/D and D/A conversion; Provide USB, RS232 interface, network port and WIFI can connecto the computer; Can store 12 groups of user programs.	



设备名称 Description	无线放大器 Antenna Amplifier
产品型号 Model: TX-870 数量 Quantity: 1	
主要特点: 高清彩色 2.2 寸显示屏，开机 logo 可定制(分辨率 480*800)，可实时显示日期时间，频率范围，功率大小，旋钮控制，有 USB 接口连接，主机的该接口连接，无线放大器主机和数量没有限制，无线放大器主机具有供应强波器的电源，无线放大器主机提供 220V 输出可连接下一台无线放大器主机或其它 220V 电源。 Principal Features: High-definition color 2.2-inch display screen, the boot logo can be customized. It can display the date and time, frequency range, and power level in real time, and is controlled by a knob. It has a USB port and a network port for connection, and there is an independent cascading port inside the main unit. There is theoretically no limit to the number of antenna amplifier main units that can be cascaded.	



设备名称 Description	专业后级功放 Professional power amplifier
产品型号 Model: DH800 数量 Quantity: 4 总谐波失真 THD: <0.05% 信噪比 SNR: 105dB 转换速率 Conversion Rate: >60V/us 阻尼系数 Damping Coefficient: 550:1 灵敏度 Sensitivity: 0.775 阻抗 Impedance: 10K ohms - 20K ohms	立体声功率 Stereo power: 8Ω 850W*2, 4Ω 1275W*2 8Ω 桥接功率 Bridged power: 2500W*1 频率响应 Frequency Response: 20Hz-20KHz(±0.3dB) 电源 Power Supply: 220V/50/60z 电源消耗功率 Power consumption: 3500W 箱体尺寸 Box Size: 450*483*88mm 净重 Net Weight: 18.5kg



设备名称 Description	12路调音台 12 channel mixer
产品型号 Model: X12 数量 Quantity: 1	
主要特点: 该调音台具备声道通配峰值指示，三段均衡及 60mm 推子，2 路立体声线路输入可设 +4/-10dB 灵敏度，各通道设通断/静音开关，1 组立体声输入/2 路输出，内置 16 种效果 DSP 与 +4dB 幻象供电，7-band graphic EQ on main outputs, headphones/stereo balanced outputs, and 2x12-segment peak level meters. The built-in LCD MP3 player supports USB playback, and there's a USB audio interface for direct computer connection. Principal Features: This mixer features mono channels with peak indicators, 3-band EQ, and 60mm faders. Two stereo line inputs offer +4/-10dB sensitivity selection, each channel includes on/off and PFL switches, plus 1 stereo aux input and 2 aux outputs. It integrates a 16-effect DSP, +4dB phantom power, 7-band graphic EQ on main outputs, headphones/stereo balanced outputs, and 2x12-segment peak level meters. The built-in LCD MP3 player supports USB playback, and there's a USB audio interface for direct computer connection.	



设备名称 Description	真分集无线手持话筒 True diversity wireless microphone system
产品型号 Model: V10 数量 Quantity: 1	
主要特点: 采用红外对频与手动调频方式实现传输距离无线同步，无线接收距离远近可调，频率可锁定控制功能按钮，独特智能 ID 识别技术，实现多套同时分频使用，具备平衡和非平衡音频输出，方便和多种话筒连接，发射器 50MHz 频宽，方便各频率段互连，易读照明式液晶显示。 Principal Features: Wireless synchronization of the transmitter is achieved through infrared frequency pairing and manual frequency adjustment. The wireless receiving distance is adjustable, and there is a function button for locking the frequency. With the unique intelligent ID recognition technology, multiple sets can be used simultaneously and distributed. It has balanced and unbalanced audio outputs, making it convenient to connect with various audio devices. The transmitter adopts a 50MHz bandwidth, which makes it convenient to interchange different frequency bands. It has an easy-to-read illuminated LCD display.	



设备名称 Description	智能电源时序器 Intelligent Power Sequencer
产品型号 Model: DF-10 数量 Quantity: 1	
技术参数: 额定输出电压: 交流 220V/50Hz 额定输出电流: 30A 可控制电源: 8 路 每路动作延时时间: 1 秒 供电电压: AC/220V 50 / 60Hz 25A 每路输出带指示灯/数码管显示，单路额定输出电流: 30A 可达 3000W Technical Parameters: Rated Output Voltage: AC 220V, 50Hz Rated Output Current: 30A Controllable Power Outputs: 8 channels Delay Time per Channel: 1 second Power Supply: AC 220V, 50/60Hz, 25A Each channel features indicator lights/digital display. Single-channel rated output: 30A (up to 3000W)	

注：多功能厅系统所需的机柜需根据实际情况定制。
Note: The cabinet required for the multi-function hall system needs to be customized according to actual conditions.

◎ 制造·专业·高品质
Manufacture · Professionalism · High Quality

箱体选用高密度中密度纤维板（MDF）精心打造，这种材质凭借均匀的内部结构与出色的阻尼特性，可有效吸收箱体谐振，减少音染。接缝处采用进口汽车级腻子进行多层密封处理，通过精密压合工艺确保腔体的气密性，避免漏气导致的低频松散问题。表面涂装工序尤为考究：先经细腻打磨塑造平滑质感，再均匀覆盖5层环保水性漆，不仅形成耐磨抗刮的防护层，更赋予箱体温润雅致的视觉质感，兼顾实用性与美观度。

The cabinet is crafted from high-density MDF, known for its uniform structure and damping to absorb resonance and reduce sound coloration. Joints are sealed with multi-layer automotive-grade putty via precision pressing to ensure airtightness, preventing low-frequency looseness. The surface is finely sanded and coated with 5 layers of eco-friendly water-based paint, forming a wear-resistant finish that balances durability with an elegant aesthetic.



多功能厅

Multifunctional Hall



KD12H

Audio System for Restaurant & Bar

餐吧音响系统

特点

此音响系统是一款性价比超高的全频音响系统，可多角度返听，高音细腻，通透，中频力度感强，中低频厚实。一套适用于约200-300平方的餐吧（可根据实际情况定制）。

Feature

This sound system is a highly cost-effective full-range audio system that supports multi-angle monitoring. It features delicate and transparent treble, strong mid-frequency dynamics, and thick mid-bass. One set is suitable for restaurants or bars of approximately 200-300 square meters, and customization is also available according to actual needs.

此系统的主扩声器采用1×12''190磁75芯航天磁低音单元，搭配钕磁进口材料高音，航天级磁芯与进口材料结合，为音质提供坚实保障，能够精准还原音频细节，呈现出层次丰富、饱满震撼的音效。100°×70°可旋转覆盖角，能灵活调整声音覆盖范围，满足不同场地需求。

The main loudspeaker of this system uses a 1×12" low-frequency unit with a 190-magnet, 75-core aerospace magnetic circuit, paired with a tweeter made of imported neodymium magnetic materials. The combination of aerospace-grade magnetic cores and imported materials provides a solid guarantee for sound quality, enabling precise restoration of audio details and presenting rich, layered, and powerful sound effects. With a rotatable coverage angle of 100°×70°, it can flexibly adjust the sound coverage range to meet the needs of different venues.

组合参数

Combination parameters

	<table> <tr> <th>设备名称 Description</th><th>主扩扬声器 Main Loudspeaker</th></tr> <tr> <td> 产品型号 Model: KD12H 数量 Quantity: 4 低音 Woofer: 1x12" 高音 Tweeter: 44-core 灵敏度 Sensitivity: 97.5dB 净重 Net weight: 16.5kg </td><td> 额定功率 Power Handling: 435W 频率 Frequency Response: 47Hz - 18kHz 最大声压级 Maximum SPL: 125dB 覆盖角度 Coverage Angle: 100°×70° 箱体材质 Cabinet Material: 桦木, 聚酯漆漆面/ Birch wood with polyurea paint finish </td></tr> </table>	设备名称 Description	主扩扬声器 Main Loudspeaker	产品型号 Model: KD12H 数量 Quantity: 4 低音 Woofer: 1x12" 高音 Tweeter: 44-core 灵敏度 Sensitivity: 97.5dB 净重 Net weight: 16.5kg	额定功率 Power Handling: 435W 频率 Frequency Response: 47Hz - 18kHz 最大声压级 Maximum SPL: 125dB 覆盖角度 Coverage Angle: 100°×70° 箱体材质 Cabinet Material: 桦木, 聚酯漆漆面/ Birch wood with polyurea paint finish		<table> <tr> <th>设备名称 Description</th><th>低音炮 Subwoofer</th></tr> <tr> <td> 产品型号 Model: KD-18 数量 Quantity: 2 构成 Composition: 1x18" 额定功率 Rated Power: 1000W 最大声压级 Maximum SPL: 127dB 灵敏度 Sensitivity: 102dB 箱体尺寸 Box Size: 570*780*840mm 净重 Net Weight: 48kg 毛重 Gross Weight: 52kg </td><td> 1. 迷宫式强气流引导技术。 2. 低损耗分音器设计。 3. 全新设计低音喇叭单元。 4. 热量分流技术。 5. 内部气流优化设计。 1. Labyrinth-style strong airflow guiding technology. 2. Low-loss crossover design. 3. Brand-new designed bass driver unit. 4. Heat diversion technology. 5. Internal airflow optimization design. </td></tr> </table>	设备名称 Description	低音炮 Subwoofer	产品型号 Model: KD-18 数量 Quantity: 2 构成 Composition: 1x18" 额定功率 Rated Power: 1000W 最大声压级 Maximum SPL: 127dB 灵敏度 Sensitivity: 102dB 箱体尺寸 Box Size: 570*780*840mm 净重 Net Weight: 48kg 毛重 Gross Weight: 52kg	1. 迷宫式强气流引导技术。 2. 低损耗分音器设计。 3. 全新设计低音喇叭单元。 4. 热量分流技术。 5. 内部气流优化设计。 1. Labyrinth-style strong airflow guiding technology. 2. Low-loss crossover design. 3. Brand-new designed bass driver unit. 4. Heat diversion technology. 5. Internal airflow optimization design.								
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产品型号 Model: DH800 数量 Quantity: 3 总谐波失真 THD: <0.05% 信噪比 SNR: 105dB 转换速率 Conversion Rate: >60V/us 阻尼系数 Damping Coefficient: 550:1 灵敏度 Sensitivity: 0.775V 阻抗 Impedance: 10K ohms - 20K ohms	立体声功率 Stereo power: 8Ω 850W*2, 4Ω 1275W*2 8Ω 桥接功率 Bridged power: 2500W*1 频率响应 Frequency Response: 20Hz-20KHz(±0.3dB) 电源 Power Supply: 220V/50/60z 电源消耗功率 Power consumption: 3500W 箱体尺寸 Box Size: 450*483*88mm 净重 Net Weight: 18.5kg																		
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注: 餐吧音响系统所需的机柜需根据实际情况定制。
Note: The cabinet required for the audio system of the restaurant & bar should be customized according to actual conditions.

◎ 制造·专业·高品质
Manufacture · Professionalism · High Quality

箱体选用高密度中密度纤维板（MDF）精心打造，这种材质凭借均匀的内部结构与出色的阻尼特性，可有效吸收箱体谐振，减少音染。接缝处采用进口汽车级腻子进行多层密封处理，通过精密压合工艺确保腔体的气密性，避免漏气导致的低频松散问题。表面涂装工序尤为考究：先经细腻打磨塑造平滑质感，再均匀覆盖5层环保水性漆，不仅形成耐磨抗刮的防护层，更赋予箱体温润雅致的视觉质感，兼顾实用性与美观度。

The cabinet is crafted from high-density MDF, known for its uniform structure and damping to absorb resonance and reduce sound coloration. Joints are sealed with multi-layer automotive-grade putty via precision pressing to ensure airtightness, preventing low-frequency looseness. The surface is finely sanded and coated with 5 layers of eco-friendly water-based paint, forming a wear-resistant finish that balances durability with an elegant aesthetic.



餐 吧

Restaurant & Bar

KD15G Party room audio system

派对房音响系统

特点

此音响系统是一套具有超高性价比的娱乐音箱。它的低频下潜及力度结合点非常好，低频饱满结实。人声中频圆润温厚，高音细腻，低失真。非常适合高端音乐会所KTV，夜总会，俱乐部、酒吧娱乐场所等。一套适用于约60-80平方左右，可根据实际情况定制。

Feature

This audio system is a set of entertainment speakers with ultra-high cost performance. It has an excellent combination of low-frequency dive and dynamics, with full and solid bass. The mid-frequency of human voice is mellow and warm, the treble is delicate, and the distortion is low. It is very suitable for high-end entertainment venues such as KTVs, nightclubs, clubs, bars, etc. One set is suitable for spaces of approximately 60-80 square meters, and customized solutions can be provided according to actual needs.



此系统的主扩声器高音采用进口65芯B&C单元，能够清晰精准地还原高频声音，让音乐细节尽显。低音采用进口单元，结合45Hz - 20kHz(±3dB)的宽广频率响应，可实现浑厚有力的低音效果，无论是激昂的摇滚乐，还是悠扬的古典乐，都能生动演绎。选用法国进口SCR电容，能有效提升音频信号的稳定性和纯净度。美国进口连接线保障信号传输低损耗，瑞士纽崔克接口则确保连接稳固可靠。

The main loudspeaker of this system uses an imported 65-core B&C unit for the tweeter, which can clearly and accurately restore high-frequency sounds, revealing every detail of the music. The woofer adopts imported units, combined with a wide frequency response of 45Hz-20kHz (±3dB), to achieve deep and powerful bass effects. It can vividly interpret both passionate rock music and melodious classical music. Featuring French-imported SCR capacitors, it effectively enhances the stability and purity of audio signals. The American-imported connecting cables ensure low-loss signal transmission, while Swiss Neutrik connectors guarantee stable and reliable connections.

组合参数



设备名称 Description	15寸专业音响 15-inch professional audio system
产品型号 Model: KD15G 数量 Quantity: 4 低音 Woofer: 1x12" 高音 Tweeter: 65-core 灵敏度 Sensitivity: 97dB 额定阻抗 Rated Impedance: 8Ω 额定功率 Power Handling: 650W	峰值功率 Peak Power: 1300W 频率 Frequency Response: 45Hz - 20kHz 最大声压级 Maximum SPL: 128dB 覆盖角度 Coverage Angle: 100°×70° 箱体材质 Cabinet Material: 芬兰桦木/俄罗斯桦木 (Finnish birch / Russian birch)



设备名称 Description	全频功率放大器 Full range power amplifier
产品型号 Model: MA1000 数量 Quantity: 4 总谐波失真 THD: ≤0.008% 信噪比 SNR: ≥100dB 转换速率 Conversion Rate: >40V/μs 灵敏度 Sensitivity: 0.775V/1V/1.44V 分离度 Separation (1KHz): ≥85dB 箱体尺寸 Box Size: 482*470*88mm 净重 Net Weight: 13kg	输出功率 Output Power: 8Ω 1000W*2, 4Ω 1800W*2 8Ω 桥接功率 Bridged power: 2800W 阻抗 Impedance: 10K ohms - 20K ohms 阻尼系数 Damping Coefficient: ≥1000@ 8 Ohms 频率响应 Frequency Response: 20Hz-20KHz(±0.3dB) 供电 Power Supply: AC 220V, 50Hz 连接座 Connection socket: XLR balanced interface. 最大消耗功率 Maximum Power Consumption: 2300W



设备名称 Description	效果处理器 Effect Processor
产品型号 Model: V9 PRO 数量 Quantity: 1	
主要特点: 这款专为派对房研发的音响系统处理器, 采用双核-DSP与96kHz高采样技术, 音质细腻, 具备“双引擎”压限保护, 卡农口热插拔设计即插即用, 支持效果动态调节, 麦克风移频降噪, 各通道集成混音, 均衡等功能。双模式操作, 可存储模式。通过RS232连接中英文PC软件即可便捷调整。	
Principal Features: This sound system processor, specially developed for Party bars, adopts dual-core DSP and 96kHz high-sampling technology, delivering delicate sound quality. It features "dual-engine" voltage limiting protection and XLR connectors with hot-swap design for plug-and-play convenience. Supporting dynamic effect adjustment and microphone frequency shift, noise reduction, each channel integrates mixing, equalization and other functions. With dual-mode operation, it can store 9 modes, and parameters can be conveniently adjusted via RS232-connected PC software in Chinese and English.	



设备名称 Description	智能电源时序器 Intelligent Power Sequencer
产品型号 Model: DF-10 数量 Quantity: 1	
技术参数: 额定输出电压: 交流220V,50Hz 额定输出电流: 30A 可控制电源: 8路 每路动作延时时间: 1秒 供电电源: AC/220V 50 / 60Hz 25A 每路输出带指示灯/数码管显示。 单路额定输出电压: 30A 可达3000W	Technical Parameters: Rated Output Voltage: AC 220V, 50Hz Rated Output Current: 30A Controllable Power Outputs: 8 channels Delay Time per Channel: 1 second Power Supply: AC 220V, 50/60Hz, 25A Each channel features indicator lights/digital display. Single-channel rated output: 30A (up to 3000W)



设备名称 Description	双18寸超低音箱 Dual 18-inch subwoofers
产品型号 Model: KD-218G 数量 Quantity: 2 构成 Composition: 2x18" 阻抗 Impedance: 4Ω 灵敏度 Sensitivity: 98dB/W/m	平均功率 Rated Power: 1000W 峰值功率 Peak Power: 4800W 频率响应 Frequency Response: 35Hz-200Hz 最大声压级 Maximum SPL: 130dB (continuous), 136dB (peak) 箱体尺寸 Box Size: 1060*760*550mm



设备名称 Description	超低功率放大器 Ultra-low power amplifier
产品型号 Model: MA1800 数量 Quantity: 1 总谐波失真 THD: ≤0.01% 信噪比 SNR: ≥96dB 灵敏度 Sensitivity: 0.775V/1V/1.44V 分离度 Separation (1KHz): ≥85dB 箱体尺寸 Box Size: 482*490*88mm 净重 Net Weight: 17kg	输出功率 Output Power: 8Ω 1800W*2, 4Ω 2750W*2 8Ω 桥接功率 Bridged power: 4200W 阻抗 Impedance: 10K ohms - 20K ohms 阻尼系数 Damping Coefficient: ≥1000@ 8 Ohms 频率响应 Frequency Response: 20Hz-20KHz(±0.3dB) 供电 Power Supply: AC 220V, 50Hz 连接座 Connection socket: XLR balanced interface. 最大消耗功率 Maximum Power Consumption: 2800W



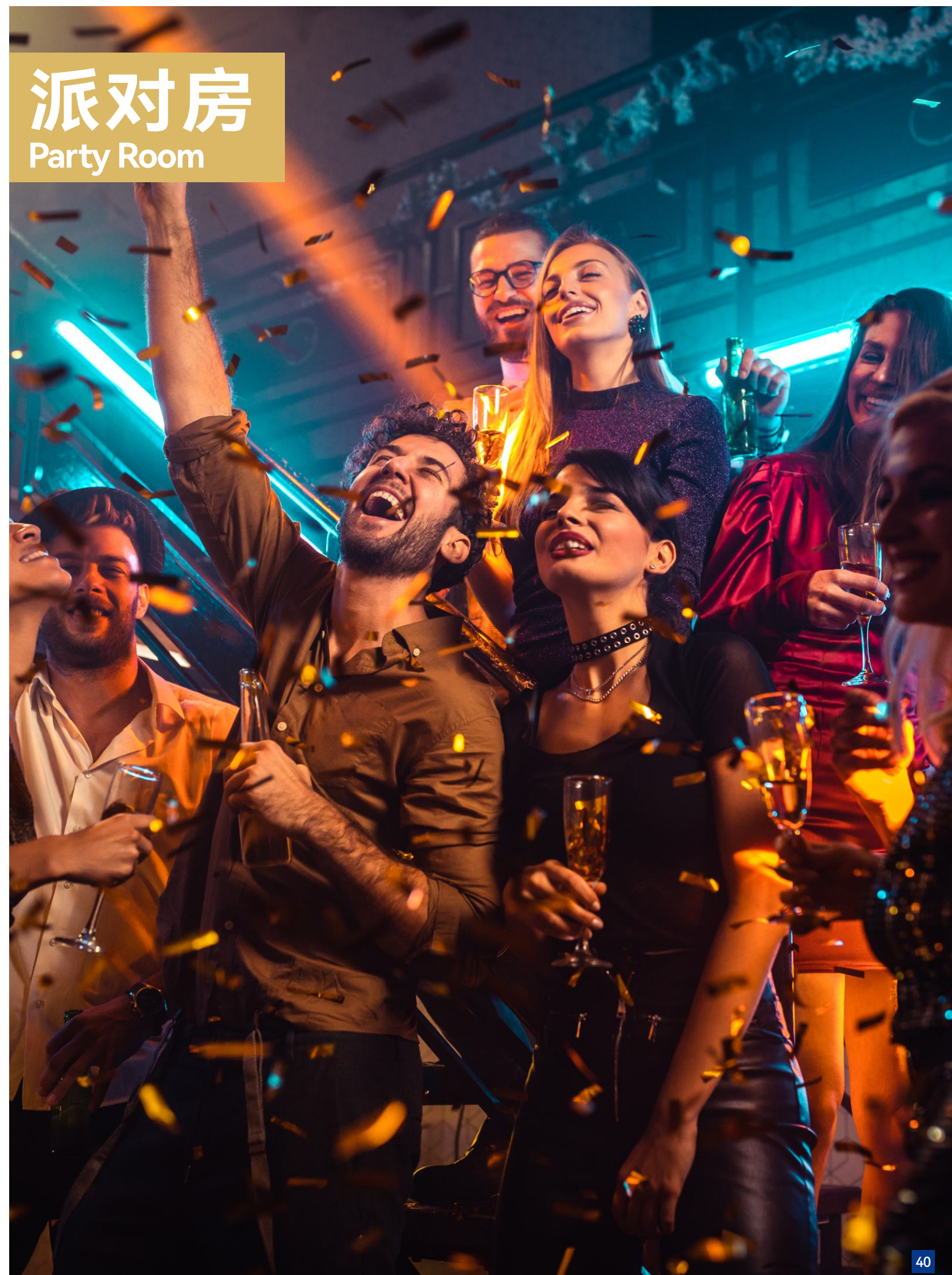
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产品型号 Model: V80 数量 Quantity: 1	
主要特点: 这款话筒内置频率自动扫描功能, LCD屏实时显示结果, 工作时可快速锁定无干扰频段, 超强抗干扰设计, 能抑制外部噪音及同频干扰。配备2个BNC天线通道, 2路XLR平衡输出与1路6.35mm非平衡混合输出。采用UHF400-600MHz频段传输, PLL锁相环+真分频技术, 抗自动选频接收, 可视距离200-300米。金属TU铝壳设计, 支持锁键、电子音量及C解除, 红外对频且发射器可互换, 配合天线分配系统实现会场信号全覆盖, 专为舞台演出打造。	
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Note: The cabinet required for the party room audio system needs to be customized according to actual conditions.

◎ 制造·专业·高品质
Manufacture · Professionalism · High Quality

箱体采用芬兰桦木或俄罗斯桦木，不仅坚固耐用，还能减少箱体谐振对音质的影响，为高品质音效提供坚实基础。覆盖角度为 $100^{\circ}\times 70^{\circ}$ ，能够在水平和垂直方向上实现较为精准且广泛的声音覆盖，确保观众席各个位置的听众都能获得均匀的音量 and 良好的听觉体验。

The cabinet is constructed from Finnish birch or Russian birch, which is not only sturdy and durable but also minimizes the impact of cabinet resonance on sound quality, providing a solid foundation for high-quality audio. With a coverage angle of $100^{\circ}\times 70^{\circ}$, it achieves precise and wide sound coverage in both horizontal and vertical directions, ensuring that listeners in all positions of the audience can enjoy uniform volume and an excellent auditory experience.



CH-18S

The audio system of the banquet hall
宴会厅音响系统

特点

此音响系统是一套具有超高性价比的线阵音箱。采用了高端材料的喇叭单元和优质的分频器元器件。中高频的亮丽色彩一点不含糊，中低频的丰满显得磁性十足。大角度的号角设计使声场辐射更加均匀。箱体采用国标环保E级桦木夹板板材，进口汽车原子灰沾合箱体更加牢固密封度更好，五道密封环保水性喷漆,防火环保阻燃吸音材料，原装美国进口电子元器件制作的分频线路，一体成型模具冲压独有网罩。一套适用于约300-600平方左右，可根据实际情况定制。

Feature

This audio system is a high-cost-performance line array speaker system. It uses high-end material speaker units and premium crossover components, delivering crystal-clear bright mid-high frequencies and plump, magnetic mid-low frequencies. The large-angle horn ensures uniform sound field radiation. The cabinet is made of national standard E-grade birch plywood, bonded with imported automotive putty for enhanced sturdiness and sealing. It features five layers of sealed environmental water-based paint, fireproof eco-friendly flame-retardant sound-absorbing materials, and crossover circuits with original imported US electronic components. The uniquely designed mesh cover is one-piece mold-stamped.

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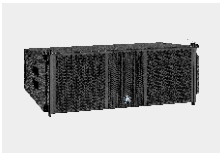
Suitable for 300-600m² areas, customization is available per actual needs.

CH-18S线阵音箱融合先进声学技术与匠心工艺设计，具备多维度卓越性能。它搭载双8英寸线阵列，可灵活选择被动和主动两种工作模式。主动模式下，内置高效数字功放模块，实现精准分频与动态调节，带来震撼的音质表现；被动模式则兼容多种外置功放设备，为系统集成提供更灵活的解决方案。

The CH-18S line array speaker system integrates advanced acoustic technology and fine craftsmanship to deliver multi-dimensional excellent performance. With dual 8-inch line array drivers, it supports active and passive dual modes: the active mode is equipped with a high-efficiency digital amplifier module to achieve precise crossover tuning and dynamic processing, presenting clear and powerful immersive sound; the passive mode is compatible with external amplifiers, providing flexible system integration options for different audio applications. This dual-mode architecture ensures excellent adaptability and scalability, making the CH-208 an ideal choice for professional sound reinforcement in various environments.

组合参数

Combination parameters



设备名称 Description	双8寸线性音箱 Twin 8-inch linear speakers
产品型号 Model: CH-208	灵敏度 Sensitivity: 101dB
数量 Quantity: 8	频率响应 Frequency Range (+/-3 dB): 65 Hz -20kHz
低音 Woofer: 2x 8"	辐射角度 Dispersion: (-6 dB)H x V90°x 10°
高音 Tweeter: 1x 3"	最大声压级 Maximum SPL: 128dB/peak134dB
标称阻抗 Nominal Impedance: 8Ω	连接插座 Connection: 2x Speakon NL4
额定功率 Power Handling: 500W	箱体尺寸 Box Size: 772*474*288mm



设备名称 Description	12寸补声音箱 12-inch sound reinforcement speaker
产品型号 Model: NM-12H	频率响应 Frequency Response: 55Hz-20KHz
数量 Quantity: 4	额定功率 Rated power: 600W
阻抗 Impedance: 8Ω	峰值功率 Peak Power: 1200W
灵敏度 Sensitivity: 99dB	箱体尺寸 Box Size: 600*380*379mm
构成 Construction: 1x12"	净重 Net Weight: 23kg
最大声压级 Maximum SPL: 128dB	



设备名称 Description	全频功放 Full-range power amplifier
产品型号 Model: DF600	输出功率 Output Power: 8Ω 650W*2, 4Ω 975W*2
数量 Quantity: 4	8Ω 桥接功率 Bridge Power: 1950W
总谐波失真 THD: <0.05%	频率响应 Frequency Response: 20-20KHz(±0.3dB)
信噪比 SNR: 105dB	阻尼系数 Damping Coefficient: 500:1
转换速率 Slew Rate: 60V/us	最大消耗功率 Maximum Power consumption: 2700W
电源 Power Supply: 220V/50/60z	输入灵敏度 Input Sensitivity: 0.775V/1V/1.44V
尺寸 Size: 483*450*88mm	输入阻抗 Input Impedance: 10K ohms-20K ohms
重量 Weight: 16.5Kg	



设备名称 Description	调音台 Mixing console
产品型号 Model: XP24	数量 Quantity: 1
主要特点: 这款编组输出调音台功能丰富，具备16个单声道与4路立体声通道共24路输入，单声道带扩展、衰减等功能，立体声通道含高品质平衡输入，AUX与FX辅助输出通道，搭配60MM推子，内置256种DSP效果及卡拉OK语音消功能，MP3支持显示，记录等操作，还可连接电脑作声卡，配备7段图形均衡器，高精度电平显示，静音开关电源适配电压，满足多样音频处理需求。	
Principal Features: This four-group output mixer features rich functions. It has 16 mono and 4 stereo channels for 24-channel input. Mono channels offer expansion, attenuation, etc., while stereo channels include high-quality balanced inputs, AUX and FX auxiliary outputs are flexible, paired with 60MM faders. With 256 built-in DSP effects and karaoke voice cancellation, the MP3 supports Bluetooth, recording, etc., and can connect to computers as a sound card. Equipped with dual 7-band graphic equalizers, high-precision LED displays, and a noise-canceling switch power supply for wide voltage, it meets diverse audio needs.	



设备名称 Description	真分集话筒 True diversity microphone
产品型号 Model: AG12S	数量 Quantity: 1
主要特点: 这款无线话筒以科技赋能专业音频需求，分集接收器确保优质接收，红外对外与手动调频保障无线连接稳定，接收距离，频率均可灵活调控，智能ID识别支持多套设备同时使用，平衡与非平衡音频输出适配多样音响，发射机采用双1.5V电池，续航久，更换易，50MHz频段方便频道切换，高灵敏度接收机抑制，前置液晶显示屏，亮度高，会议等场景的可靠选择。	
Principal Features: This wireless microphone combines advanced tech for professional use. Its diversity receiver ensures optimal reception, with infrared pairing and manual tuning for stable wireless connections. The adjustable reception range and lockable frequency enhance flexibility. Multiple units can operate simultaneously thanks to intelligent ID recognition. With balanced and unbalanced outputs, it's compatible with various audio gear. Powered by two 1.5V batteries, it offers long life and easy replacement. The 50MHz bandwidth allows seamless frequency switching. Built with high-strength alloy and an illuminated LCD, it's durable and easy to read, perfect for performances, conferences, etc.	



设备名称 Description	智能电源时序器 Intelligent Power Sequencer
产品型号 Model: DF-10	数量 Quantity: 1
技术参数: 额定输出电压: 交流220V/50Hz 额定输出电流: 30A 可控电源: 8路 每路动作延时时间: 1秒 供电电源: AC/220V 50 / 60Hz 25A 每路输出带指示灯/数码管显示。 单路额定输出功率: 30A 可达3000W	
Technical Parameters: Rated Output Voltage: AC 220V, 50Hz Rated Output Current: 30A Controllable Power Outputs: 8 channels Delay Time per Channel: 1 second Power Supply: AC 220V, 50/60Hz, 25A Each channel features indicator lights/digital display. Single-channel rated output: 30A (up to 3000W)	



设备名称 Description	田字架 Flying frame
产品型号 Model: A-110	数量 Quantity: 2
订制配套吊架 配长短连杆，4个U型扣，2套横杆 Customized supporting hanger, with long and short connecting rod, 4U buckle, 2 bandages.	



设备名称 Description	18寸次低音箱 18" subwoofer
产品型号 Model: CH-18S	频率响应 Frequency Response: 40Hz-1000Hz(±3dB)
数量 Quantity: 4	最大声压级 Maximum SPL: 129dB
低音 Woofer: 1x18"	连接插座 Connection: 2x Speakon NL4
灵敏度 Sensitivity: 99dB	箱体尺寸 Box Size: 851*645*581mm
阻抗 Impedance: 8Ω	净重 Net Weight: 50kg
额定功率 Rated Power: 600W	



设备名称 Description	线阵监听功放 Line Array Monitor Power Amplifier
产品型号 Model: DF800	输出功率 Output Power: 8Ω 850W*2, 4Ω 1275W*2
数量 Quantity: 4	8Ω 桥接功率 Bridge Power: 2550W
总谐波失真 THD: <0.05%	频率响应 Frequency Response: 20Hz-20KHz(±0.3dB)
转换速率 Slew Rate: 60V/us	阻尼系数 Damping Coefficient: 500:1
电源 Power Supply: 220V/50/60z	最大消耗功率 Maximum Power consumption: 3500W
尺寸 Size: 450*483*88mm	输入灵敏度 Input Sensitivity: 0.775V
重量 Weight: 18.5Kg	输入阻抗 Input Impedance: 10K ohms-20K ohms



设备名称 Description	低音功放 Bass power amplifier
产品型号 Model: DF1000	输出功率 Output Power: 8Ω 1000W*2, 4Ω 1800W*2
数量 Quantity: 2	8Ω 桥接功率 Bridge Power: 3600W
总谐波失真 THD: 0.01%	频率响应 Frequency Response: 20Hz-20KHz(±0.3dB)
转换速率 Slew Rate: 80V/us	阻尼系数 Damping Coefficient: 550:1
信噪比 SNR: 108dB	最大消耗功率 Maximum Power consumption: 5000W
电源 Power Supply: 220V/50/60z	输入灵敏度 Input Sensitivity: 0.775V/1V/1.55V
尺寸 Size: 450*483*88mm	输入阻抗 Input Impedance: 10K ohms-20K ohms
重量 Weight: 22.5Kg	



设备名称 Description	音频处理器 Audio processor
产品型号 Model: F100	数量 Quantity: 1
主要特点: 该设备是会议系统扩音的理想解决方案，配备2英寸TFT彩色显示屏，支持中英文切换，其反馈抑制采用移频技术，具备4档可设置，每通滤波器12个陷波槽，工作频率范围20-20KHz，可自动扫描并抑制啸叫点，独特的噪声门功能能有效抑制环境噪声，输入过载时可在消噪的同时保持输入声源的清晰，设备提供3档响应速度调节，满足个性化使用需求，且支持通过USB连接电脑调试，免驱动即插即用，操作便捷直观。	
Principal Features: Designed as a perfect anti-howling solution for conference systems, the device features a 2-inch TFT color screen with Chinese/English language options. Its feedback suppression combines frequency shift technology with 4 adjustable settings, while 12 notch filters per channel (operating across 20-20KHz) automatically detect and suppress howling points. A unique noise gate minimizes ambient interference, and the input compression function enhances vocal dynamics while eliminating feedback. With 3 customizable response speeds for tailored usability, the device supports hassle-free PC debugging via USB, requiring no additional drivers for quick setup.	



设备名称 Description	4进8出音频处理器 4 in and 8 out audio processor
产品型号 Model: DX4008	数量 Quantity: 1
主要特点: Dx4008 是一款全数字音频处理器，外观简洁大方，采样频率达96千赫兹，配备32位数字信号处理(DSP)处理器，具备24位的模拟-数字(A/D)和数字-模拟(D/A)转换功能；提供USB、RS232接口，还可通过网络端口和无线网络连接进行控制，能够同时处理12组用户程序。	
Principal Features: Dx4008 is a full digital audio processor; the appearance is simple and generous; 96KHz sampling frequency, 32-bit DSP processor; 24-bit A/D and D/A conversion; Provide USB, RS232 interface, network port and WiFi can connecto the computer; Can store 12 groups of user programs.	



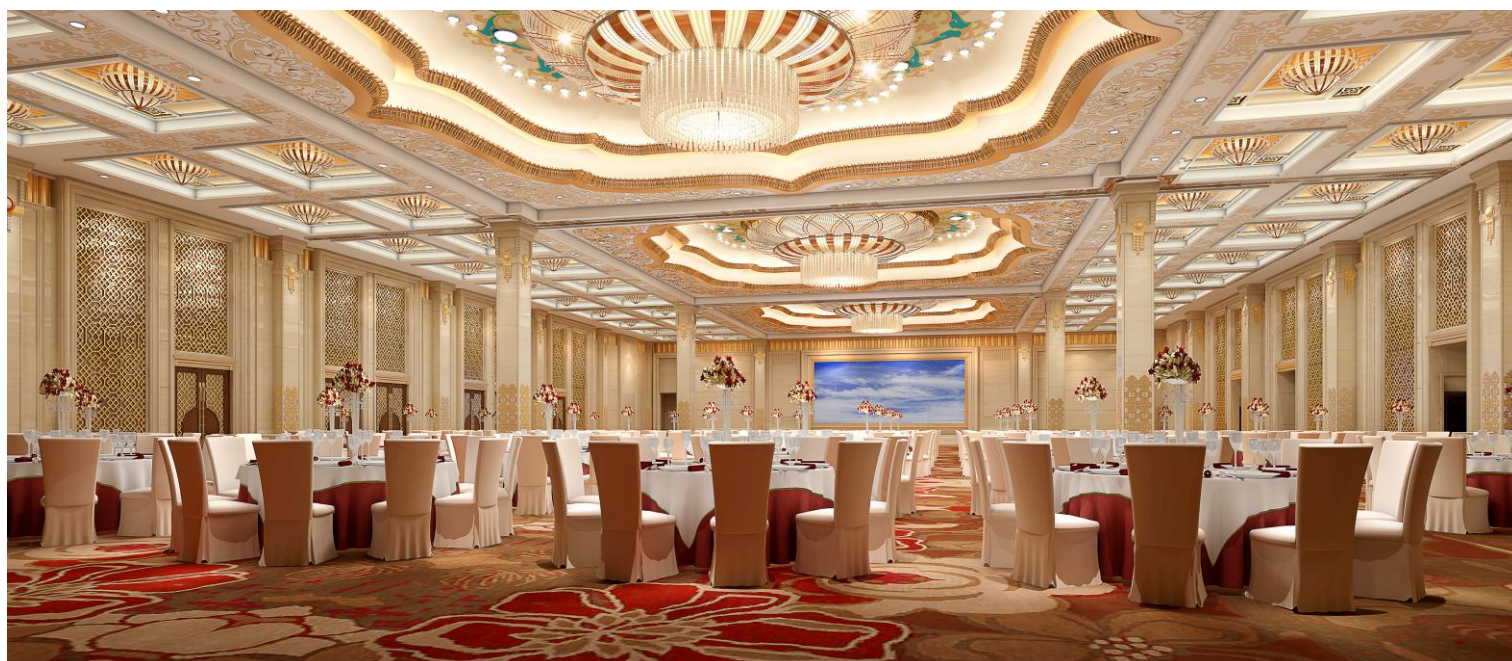
设备名称 Description	天线放大器 Antenna amplifier
产品型号 Model: TX-870	数量 Quantity: 1
主要特点: 高清晰2.2寸显示屏，开机logo可定制(分辨率480*800)，可实时显示日期时间，频率范围，功率大小，旋钮控制，带USB 网口连接，主机内设独立接口，天线放大器主机设联数量理论没有固定数量，天线输入接座具有供电屏蔽层电路，天线放大器主机提供220V输出可连接下一台天线放大器主机或其它220V电路。	
Principal Features: High-definition color 2.2-inch display screen, the boot logo can be customized. It can display the date and time, frequency range, and power level in real time, and is controlled by a knob. It has a USB port and a network port for connection, and there is an independent cascading port inside the main unit. There is theoretically no limit to the number of antenna amplifier main units that can be cascaded.	

注：宴会厅音响系统所需的机柜需根据实际情况定制。
Note: The equipment rack required for the banquet hall audio system needs to be customized according to actual conditions.

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CH-18S的箱体采用18毫米桦木胶合板精心打造，这种材质不仅坚固耐用，能够承受严苛的运输与使用环境，还具备良好的声学特性，有效减少箱体共振，确保纯净的音质输出。表面覆盖环保漆，不仅提升了箱体的耐磨性与防潮性，延长使用寿命，更符合当下绿色环保理念，为用户带来健康、安全的使用体验。

The cabinet of CH-18S is meticulously crafted from 18mm birch plywood, a material that is not only robust and durable enough to withstand harsh transportation and usage environments but also possesses excellent acoustic properties. It effectively reduces cabinet resonance, ensuring pure sound quality output. The surface is coated with eco-friendly paint, which not only enhances the cabinet's wear resistance and moisture resistance to extend its service life but also aligns with current green environmental protection concepts, bringing users a healthy and safe using experience.



宴会厅

Banquet Hall

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Aa1 Technology Electronic Co., Limited

电话 Phone: +8620-3473-9857; +8620-3473-9957

传真 Fax: +8620-3105-2198

邮箱 Email: info@aa1audio.com; tracyli@aa1audio.com

邮编 Postcode: 511483

地址: 广州市番禺区沙湾镇龙湾村龙古路22号之五

Address: No.22, Longgu road, Longwan, Shawan town, Panyu, Guangzhou, China

网址 Website: www.chordiosoundsystem.com www.aa1audio.com www.chordio-tech.com

