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S)))e AUDIOTECHNIK

SE Audiotechnik HQ Neuenhofer Strasse 42-44 42657 Solingen, Germany Web: www.se-audiotechnik.com SE Asia Pacific Sales Center 德国美高亚太发展中心 浙江省嘉善惠民街道开发区路8号 Hotline: +86 400 109 1122











s)))**e**®



s)))e°



S)))e AUDIOTECHNIK 品牌历史

1980年,Michael von Keitz先生在德国索林根成立了Speaker Trade公司并创立了"MIVOC"这一高保真家用音响品牌。90年代伊始,该品牌部分家用产品引入中国内地,被消费者们亲切地称为"美高音响"。1997年,SE中国工厂诞生。经过14年的积累和沉淀,2011年SE品牌正式进入中国市场,成为紧凑型、无号角、高保真有源线阵列的开创者。融合德国总部专业严谨的工程质量标准,以及中国团队的高效和勤奋,SE品牌为专业用户提供了结构紧凑、性能卓越、智能便捷的音响系统,降低了用户的运营成本,提升了听觉享受。

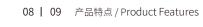
s)))e AUDIOTECHNIK Brand history

In 1980, Michael von Keitz established the company Speaker Trade in Solingen, Germany and created the brand MIVOC offering high fidelity home audio solutions. At the beginning of the 1990s, some of its household products were introduced into China and were affectionately known to consumers as "Meigao" (Chinese name for "MIVOC"). In 1997, SE China manufacturing base was founded. After 14 years of accumulation and development, SE Audiotechnik officially entered the Chinese market in 2011 with brand new image, becoming the pioneer of compact, hornless and high SPL active line arrays. Combining the professional and rigorous engineering quality standards of the German headquarters with the efficiency and diligence of the Chinese team, SE provides professional users with compact and high-performance audio systems, which reduces the operating cost of users and improves their acoustic experience.

COLUMN SYSTEM Index



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)) M-A5 / M-A8 / C6

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s)))e°

"多合一"音柱系统 ALL-IN-ONE COLUMN SYSTEM

M-A5系统是一款紧凑型模块化的有源"多合一"扩声系统。这是音乐 人以及音响师们演示声音和播放音乐活动的完美解决方案。由于无需 音箱线和支撑架,这款"即插即用"播放系统的装卸和使用都非常快 速灵活。

6分频有源系统使得频响更宽广大,音质更加清晰。该系统功放内置 压限及均衡与声音平衡的功能,配合独特的单元保证了产品更大更远 的覆盖范围和声场的均匀分布,即使在场地的最偏远的角落也保证了 声音的清晰度。

M-A5是PA系统和监听系统的结合体,它可以保证观众和表演者的相 同声音体验,在系统运输上也极为便捷。M-A5拥有MIC、MP3\Hi-Z 输入接口,确保在小型场所使用无需额外调音台。

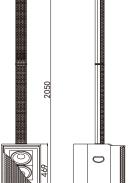
M-A5 is a compact active all-in-one column system. It is the perfect solution for musicians, DJs, presentations and events with sophi sticated music playback.

The six-way active system generates a clear, dynamic and balanced sound throughout the frequency range. The array configuration ensures greater sound coverage with very consistent sound distribution even into the farthest corners of the venue. M-A5, which combines PA and monitoring system, provides the same sound experience for both audience and musician.

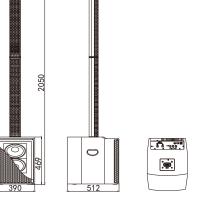
The system can be easily transported from one location to another. Since both M-A5 have been equipped with MIC and MP3/Hi-Z input, an additional mixer is not necessary for small-scale venues. In comparisonto M-A5 offers twice as much output power. Just plug in and you are ready to go!

))) M-A5应用场所 / Applications

- 酒吧
- Bars
- 乐队扩声 Bands
- 会议室 Meeting rooms Multi-media rooms
- 多功能厅



))) 结构图 Structural Diagram



宽广均匀的水平声场覆盖



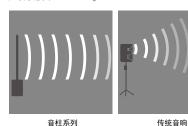


Wide horizontal sound coverage

独特的研发科技,采用柱面波扩散技术,避免声音过快的衰减。同 时120°的水平扩散角度,实现宽广均匀的声音覆盖。

The unique 120° horizontal dispersion technique of the cylindrical wave avoids quick sound attenuation and makes the sound performance more stable in different environments by also strongly reducing floor and ceiling reflections.

声波示意图 Structural Diagram









操作简便 Easy operation

2分钟即可完成系统搭建。M-A5/M-A8只需插入一根电源线和一根 信号线,任何人经过几分钟的培训就能操控此设备。相比常规音箱 系统繁杂的连接线,多得眼花缭乱的旋钮, M-A5/M-A8大大降低 了使用难度。

Few components guarantee an easy and quick speaker setup as this system needs virtually no product training. No complex wiring, no truckload of speakers and accessories - just plug in power cable and signal wire and you' re ready to go!





有效抑制声反馈



Effective reduction of feedback

独立的扬声器组专用信号处理和特殊的啸叫抑制声学构造可以有效 的抑制话筒啸叫,使得系统可以独立在表演者后方起到了主扩和监 听的双重功能。

Proprietary signal processing for separate speaker groups combined with very wide horizontal sound dispersion results in effective reduction of microphone feedback. This enables the system to work as main PA-system and monitoring for the performer at the same time.





Great portability

优越的便携性

系统由三个模块构成,一个低音,两根音柱,它们之间采用专利技 术的插口,能在几秒之内完成组装或拆卸,配上音柱背包和低音脚 轮板(选购),该系统可以方便的从A场地,转移到B场地,一台设 备可以使用在多个场所。

Each column system consists of three components, those being one subwoofer and two column speakers. They can be assembled and dismantled within seconds due to our patented connection socket technology. Matched with the according bag for the column speakers and a dolly board for the subwoofer (optional accessories), the system can be conveniently moved from premise to premise.







传统音响

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M-A5





宽广均匀的水平声场覆盖 低音同步控制

Wide horizontal sound coverage

独特的研发科技,采用柱面波扩散技术,避免声音过快的衰减。同时120°的 水平扩散角度,实现宽广均匀的声音覆盖。得益于出色的5声道、数字分频有 源系统,使整套系统频宽更广。加上内置的压限、均衡及相位一线化等设置并 配合独特的扬声器单元,使音质更清晰。同时可扩展的低音可以增加音柱的高 度,从而使投射的距离有效增加,使声场可以覆盖至600人。并且可以根据音 乐类型调节低音的丰满度,既保证了声场的均匀度,也提高了音乐的表现力。

The unique 120° horizontal dispersion technique of the cylindrical wave avoids quick sound attenuation and makes the sound performance more stable in different environments by also strongly reducing floor and ceiling reflections.







Easy operation

2分钟即可完成系统搭建。M-A8只需插入一根电源线和一根信号线 任何人经过几分钟的培训就能操控此设备。相比常规音箱系统繁杂 的连接线,多得眼花缭乱的旋钮,M-A8大大降低了使用难度。 可扩展的低音提供了"从属"模式,只要简单的在面板上拨动一 下开关,即可以通过主低音上的音量旋钮同步控制"从属"低音 音量输出,一切都是如此简便。

Few components guarantee an easy and quick speaker setup as this system needs virtually no product training. No complex wiring, no truckload of speakers and accessories - just plug in power cable and signal wire and you're ready to go!





优越的便携性

Great portability

系统由三个模块构成,一个低音,两根音柱,它们之间采用专利技 术的插口,能在几秒之内完成组装或拆卸,配上音柱背包和低音脚 轮板(选购),该系统可以方便的从A场地,转移到B场地,一台设 备可以使用在多个场所。

Each column system consists of three components, those being one subwoofer and two column speakers. They can be assembled and dismantled within seconds due to our patented connection socket technology. Matched with the according bag for the column speakers and a dolly board for the subwoofer (optional accessories), the system can be conveniently moved from premise to premise.



Traditional system

抑制声回授 (嘯叫)

Effective reduction of feedback

独特的单元布局使声波在空间扩散中得到优化并内置了针对性的信 号优化处理,使得用户即使是站在音柱前,系统也可以有效的抑制 声回授(啸叫),从而使用户可以更加轻松自在的发挥。

The wide horizontal dispersion with very smooth SPL roll off provides another useful effect. Even far out of axis, the complete sound is still clearly audible. Therefore the user does not need an additional monitor speaker and the smooth off axis SPL attenuation microphone feedback effectively.





Column system

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优雅遇见超群

C6 多合一有源音柱系统

灵巧有余,潜"能"无限

C6带有独特的德式设计感,是一款外观小巧、 高性能、智能化的多合一有源音柱扩声系统。 该系统具有大动态、高保真、可扩展、即插即用 蓝牙连接、抑制啸叫等特点,适用于中小型场 合的语言扩声及音乐重现。

With unique German appearance design, C6 is a compact self-powered column system with great sound performance and multi-function. It has features of large dynamic, high fidelity, extensibility, plug and play, Bluetooth connection, and decreased acoustic feedback. You can expect great sound results in speech and music reproduction at medium sized venues with an audience of up to a few hundred listeners.

))) C6应用场所 / Applications

- 会议扩声
- 乐队演出
- 展馆、酒店大堂
- 音乐餐吧
- 音乐教室和礼堂
- Meeting rooms
- Bands
- Exhibition hall, hotel lobby
- Music a meal
- Music room and auditorium



高性能——大动态、高保真、极佳的可靠性

High Performance: large dynamic, high fidelity, great reliability

C6拥有全新的八个3.5"扬声器,其中包含带0.5"压缩高音的两个同轴扬声 器。此外,还有一个新颖的、专门研发的波导号角,以此使结构更紧凑,并 使高音达到极宽的水平指向角度,并且避免了与其他3.5"喇叭的干扰。即使 在最高的频率和最大的音量时,它依然可以拥有水晶般透明的音质和动态效

C6 contains eight new 3.5" speakers, including two coaxial speakers with a 0.5" compressed tweeters. In addition, thanks to its novel, specially developed waveguide horn, its structure is more compact than others and it achieves an extremely wide horizontal coverage without interferes between tweeters. Even at the highest SPL, it can still ensure a crystal-clear sound quality and dynamic effect.





多功能——低音可拓展, 紧凑更便捷

Multifunction: extendible subwoofer, compact and convenient





C6系统有三个模块组成,一个低音,一根主音柱和一根支撑音柱。它们之间

采用专利技术的插口,能在几秒组装或拆卸。只需将两个音柱模块插入低音 即可将音柱升至2米的高度。根据需求,您也可以通过增加低音C6 SE的数量 达到低频的扩展。

C6 is consists of three modules, one subwoofer, one main column and one supporting column. By simply plugging the two column modules onto the subwoofer, you raise eight 3.5" full range speakers and two 0.5" compression drivers to a height of about 2 meters within no time. Depending on your needs you could also enhance the system with the C6 SE Subwoofer Extension.



智能化——抑制啸叫、蓝牙连接





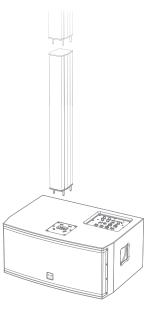
coveragecoveragecoveragecoverage

C6不仅延续了SE音柱系列产品抑制啸叫的特色,还增加了新的音频输入方式 供您选择,包括蓝牙、XLR Combo、RCA、Hi-Z和3.5mm的音频输入。每种 输入都可单独控制,简洁明了。

Same as other SE column system, C6 performs equally great on effective reduction of feedback. In addition, you can chose between a variety of audio inputs, such as Bluetooth, XLR combo, RCA, Hi-Z and a 3.5 mm stereo jack, which makes this system truly universal. Each input level can be adjusted individually, giving you full mixing control.











会议室 Meeting and multi-media rooms

声音的还原性、可懂度、参会人员任意位置的听感、偶尔播放音乐、话筒啸叫抑制、会议室音响设备的 摆位美观度和装饰的完美结合,是会议室音响系统 设计的几大重点,德国研发团队在设计之初便进行 过大量的验证。

The meeting and multi-media room audio system ismainly designed to achieve a crystal clear sound performance with wide coverage even in the farthest corners of the venue. It is also expected to integrate itself into the application environments smoothly and have functions like music-play and feedback control. Our German designers have already taken the above-mentioned points into good consideration from the very beginning.















酒吧 Bars

优质的声音还原性能、低音重放时的澎湃感,与大气的外表结合,不仅不会破坏原有的装饰风格,反而更增加了装饰与音乐系统的完美和谐融合,解决了很多设计师和业主—直难以解决的装修与音响系统 俄难两者兼顾原则,是众多五星级酒店酒吧清吧的第一选择。

Excellent sound quality and punchy bass, combined with elegant appearance, enable the system to integrate itself into the application environments smoothly without ruining the original style of decoration. It also greatly helps many designers and landlords to find a balance between room decoration and audio system installation. Therefore it has been highly recommended by many five-star hotels.









乐队扩声 Bands

平直的频响保证了各种乐器的音质, 同时V型结构的双低音的独特设计, 保证了良好的音乐重放能力和强劲的震撼力, 同时其特殊的声学设计, 使得该音箱可以放在歌手身后, 而不会产生啸叫。

Flat frequency response guarantees the sound quality of various instruments. The system adopts a uniqueV-construction with double woofers to ensure high-quality bass sound reproduction and punchy sound effect. Employed with a special acoustic design, the system reduces microphone feedback even if the loudspeaker is placed right behind the performer.



型号/Model name:	M-A5	M-A5	M-A8	M-A8	C6	C6	M-A8 SE	M-A8 SE
声学参数/ACOUSTICAL							声学参数	ACOUSTICAL
页率响应范围 (-6dB): requency Range (-6dB):	40 Hz - 20 kHz	40 Hz - 20 kHz	40 Hz - 20 kHz	40 Hz - 20 kHz	43 Hz - 20 kHz	43 Hz - 20 kHz	频响范围(-6dB): 40 Hz - 150 Hz	Frequency range (-6dB) :40 Hz - 150 Hz
k平指向角度: Horizontal Dispersion:	120°	120°	120°	120°	120°	120°	最大声压级(1m)2: 136 dB	Max.SPL (1m) ² : 136 dB
峰値声压级1/Max.SPL (1m):	131 dB	131 dB	137 dB	137 dB	134 dB	134 dB	扬声器单元	TRANSDUCER
扬声器单元/Transducer: 低音/LF: 中音/MF: 高音/HF:	2×8" 钕磁单元, 2"音圈 16×2.8" 钕磁单元, 0.75" 音圈, 带沙却模块 1×1" 钕磁树脂膜高音, 1"音圈	$2\times 8"$, Ferrite magnet,2" voice coil $16\times 2.8"$, Neodymium magnet, with cooling module, 0.75" voice coil $1\times 1"$, Neodymium magnet phenolic diaphragm, 1" voice coil	2 × 12" 钕磁单元, 3"音圈 16 × 3.5" 钕磁单元, 1"音圈 2× 1"轶氧体 PEN膜高音1"音圈	2 × 12" , Neodymium magnet, 3" voice Coil 16 × 3.5" , Neodymium magnet, 1" voice coil 2 × 1" , ferrite magnet PEN diaphragm,1" voice coil	2×10" 铁氧体单元2.5" 音圈 6×3.5" 较磁扬声器1" 音圈 2×3.5" 同轴扬声器1" 音圈 2×0.5" 同轴PEI膜高音1" 音圈	2x10 "woofers (2.5 "VC) 6x3.5 "fullrange speakers (1 "VC) 2x3.5 "co-axial fullrange speakers (1 "VC) 2x 0.5 "compression drivers (1 "VC)	低音: 2×12" 钕磁单元, 3"音圈	LF: 2× 12" neodymium magnet, 3" voice o
							功放模块	AMPLIFIER
							类型: Class-D带DSP	Type: Class-D
力放模块/AMPLIFIER							额定功率 (RMS): 800 W	Power output(RMS) : Sub: 800 W
n放类型/Amplifier:	Class D功放, SMPS	Class D Amplifier , SMPS	Class D功放, SMPS	Class D Amplifier , SMPS	Class D功放, SMPS	Class D Amplifier , SMPS	保护: 多重限幅	Protection: Multiple limiter
定功率 / Power Output (RMS):	重低音: 400 W	Subwoofer: 400 W	重低音: 800 W	Subwoofer: 800 W	重低音: 800W Subwoofer: 800 W 合柱: 400 W Column: 400 W	Subwoofer: 800 W	控制: On / Off开关, 总音量, 低音音量	Controls: On/Off switch, main level, sub level
	音柱:400 W	Column: 400 W	音柱: 800 W	Column: 800 W			指示灯: 电源指示, 信号指示, 限幅指示, 保护指示	Indicators: On, signal, limit, protect
联护/Protection:	多段限幅,短路保护,过热保护	Multi-band Limiter, short circuit, overheating	多段限幅,短路保护, 过热保护	Multi-band Limiter, short circuit, overheating	短路保护, 过热保护, 电流限幅	Multi-band Limiter, short circuit, overheating	线路输入: XLR / 6.3 mm jack(组合), RCA	Line input: XLR / 6.3 mm jack (combo) , RCA
连接/Connector:	线路输入: XLR / 6.3 mm jack (组合)RCA MIC 输入: XLR / 6.3 mm jack (组合) MP3 / Hi-T输入: 3.5mm立体声插孔 6.3mm jack 线路输出: XLR 处理后低音信号输出: 无	Line input: XLR/6.3mm jack (Combo), RCA Mic input: XLR/6.3mm jack (Combo) , MP3/Hi-Z input: 3.5mm stereo jack, 6.3mm jack Line output: XLR LF signal output: None	线路输入: XLR / 6.3 mm jack (组合)RCA MIC 输入: 无 MP3 / HI-Z输入: 无 线路输出: XLR 处理后低音信号输出: XLR	Line input: XLR/6.3mm jack (Combo), RCA Mic input: XLR/6.3mm jack (Combo) MP3/Hi-Z input: 3.5mm stereo jack, 6.3mm jack Line output: XLR LF signal output: XLR	线路输入: XLR/6.3 mm jack (组合) RCA MIC 输入: XLR/6.3 mm jack (组合) MP3/Hi-Z输入: 3.5mm立体声振孔、 6.3mm jack 线路输出: XLR 处理后后管信号输出: XLR 电源连接: Neutrik powerCON® Bluetooth®蓝牙连接: 4.0版本,支持A2DP v1.2(SBC Codec)、 AVRCP v1.4	Line input: XLR/6.3mm jack (Combo), RCA Mic input: XLR/6.3mm jack (Combo) MP3/Hi-Z input: 3.5mm stereo jack, 6.3mm jack Line output: XLR LF signal output: XLR Power connection: Neutrik powerCON Bluetooth Link: 4.0 version, support A2DP v1.2(SBC Codec), AVRCP v1.4	线路输出: XLR	Line output: XLR
							机械结构	MECHANICAL
							箱体: V型,带通式,18 mm 多层板, 聚脲漆	Subwoofer: V construction, bandpass, 18mm plywood, polyurea coatin.
							尺寸: 544 × 475 × 636 mm	Dimensions: 544 × 475 × 636 mm
							重量: 41.5 kg	Weight: 41.5 kg
							2. 使用12dB峰值因子粉噪信号测试得到,半空。	Measured with 12 dB Crest Factor Pink Nois half space.
DSP/DSP:	48 kHz/24-bit,可拓展动态范围	48 kHz/24-bit with extended	48 kHz/24-bit,可拓展动态范围	48 kHz/24-bit with extended	48 kHz/24-bit,可拓展动态范围	48 kHz/24-bit with extended dynamics Processing latency: 1.1ms	C6 SE	C6 SE
空制/Controls:	主输出音量,低音音量,Mic音量,	dynamics Main Level, SUB Level, Mic Level,		dynamics	处理延时: 1.1 ms 主输出音量,低音音量,Mic音量、	Main Level, SUB Level, Mic Level, Line	声学参数	ACOUSTICAL
ILIPY CONTIONS.	线性音量,MP3/HI-Z音量	Line Level, MP3/Hi-Z Level	主输出音量,低音音量	Main Level, SUB Level	线性输入音量,BT/MP3音量,蓝牙配 对开关,单声道/立体声道开关,Hi-z音量	Level, BT/MP3 Level, Hold to link, Mono/Stereo Swtich, Hi-Z Level	频响范围(-6dB): 43Hz - 270Hz	Frequency range (-6dB) :43 Hz - 270 Hz
旨示灯/Indicators:	电源指示、信号指示、 限幅指示、保护指示	On, signal, limit, protect	电源指示、信号指示、 限幅指示、保护指示	On, signal, limit, protect	电源指示、信号指示、 限幅指示、保护指示、单声道/立体声道	On, signal, limit, protect Mono/Stereo	最大声压级(1m) ² : 134 dB	Max.SPL (1m) ² : 134 dB
机械结构/MECHANICAL						mono/stereo	扬声器单元	TRANSDUCER
产品尺寸 [H x W x D]: 低音音箱/Subwoofer: 上音柱/Top Column:	390 × 469 × 512 mm 110 × 790 × 90 mm 110 × 790 × 90 mm	390 × 469 × 512 mm 110 × 790 × 90 mm 110 × 790 × 90 mm	544 × 475 × 636 mm 120 × 997 × 192 mm 120 × 728 180mm	544 × 475 ×636 mm 120 × 997 × 192 mm 120 ×728 180mm	750 x 347 x 532mm 100 x 855 x 129mm 100 x 855 x 129mm	750 x 347 x 532mm 100 x 855 x 129mm 100 x 855 x 129mm	低音: 2 x 10"铁氧体单元 (2.5" VC)	LF:2x10"铁氧体单元(2.5" VC)
							功放模块	AMPLIFIER
下音柱/Bottom Column: 重量/Weight:	低音音箱: 25.5 kg 音柱: 5.4kg + 4.8kg	Subwoofer: 25.5 kg Column: 5.4kg + 4.8kg	低音音箱: 42.5 kg 音柱: 9.5 kg + 6.5 kg	Subwoofer: 42.5kg Column: 9.5kg + 6.5kg	低音音箱: 32.5 kg 音柱: 6.5 kg+4.4kg	Subwoofer: 32.5kg Column: 6.5kg+4.4kg	类型: D类功放	Amplification : Class-D
							功率 (RMS/峰值): 800W/1200W	Power (RMS/Peak): 800W/1200W
箱体类型/Cabinet type:	低音音箱: v型,倒相式音柱: 密闭式	Subwoofer: V construction, bassrelfex Column: Sealed	低音音箱: v型,带通式 音柱: 密闭式	Subwoofer: V construction, bandpass Column: Sealed	低音音箱: 倒相式 音柱: 密闭式	Subwoofer: bassrelfex Column: Sealed	保护: 短路保护,过热保护,过流保护	Protection: Short curcuit, temperature, curre
							控制: 低音音量, 低通滤波器,极性反转, 模式选择(Line in/Slave mode)	Controls: Subwoofer level, Low pass filter Phase inverse, Line in selector (Line in/ Slave
箱体材料/Cabinet material:	低音音箱: 15 mm 精选多层板	Subwoofer: 15 mm plywood	低音音箱: 18 mm 精选多层板	Subwoofer: 18 mm plywood	低音音箱: 18mm精选多层板	Subwoofer: 18 mm plywood	指示灯: 电源指示,信号指示,限幅指示,保护指示	Indicators: On, signal, limit, protect
arrang cabilet material.	音柱: HD涂层,铝合金6063	Column:	音柱: HD涂层,铝合金6063	Column:	音柱: HD涂层,铝合金6063	Column:	连接:信号: XLR 公/母,电源: powerCON® 20A	connection: signal: XLR male/female, Mains: powerCON® 20A
值体喷漆/Cabinet coating:	黑色或白色聚脲喷漆	Black or white polyurea coating	黑色或白色聚脲喷漆	Black or white polyurea coating	黑色或白色聚脲喷漆	Black or white polyurea coating	机械结构	MECHANICAL
							箱体: 18mm精选多层板,黑色聚脲漆	Subwoofer: 18mm plywood, polyurea coating
							尺寸: 750 x 347 x 532mm	Dimensions: 750 × 347 × 532 mm
							重量: 26 kg	Weight: 26 kg
							1. 使用12dB峰值因子粉噪信号测试得到,半自由场。	1 Measured with 12 dB crest factor pink noise, who