

FASIV

东莞市索耐电子有限公司
SUONAI ELECTRON CO.,LTD.

地址：东莞市塘厦镇田心村新科苑城鹿乙二路3号

TEL & Mobile Phone

T: 0769-8208-0909 (REP)/M:18124305602

FAX: 0769-8208-0606

E-mail: sales@fasiv.cc

<https://www.fasiv.cc/>



FASIV

POWER AMPLIFIER

索耐电子 功放机产品手册

专业 · 稳定 · 耐用



东莞市索耐电子有限公司
SUONAI ELECTRON CO.,LTD.

CONTENTS

目 录

TABLE OF CONTENTS

公司简介	P01
企业文化	P02
发展历程	P03
公司资质	P05
FA-800D卡拉OK功放	P07
FA-800卡拉OK功放	P08
FA-P01数字效果器	P09
SR-300卡拉OK功放	P10
SA-200/SA-400/SA-600功放	P11
SPA-240专业广播功放	P13
HA-180迷你功放	P14
FA-1202S/FA-1204S迷你功放	P15
FS-10A音箱	P16

ABOUT US

关于我们

公司简介

东莞市索耐电子有限公司位于东莞市塘厦镇鹿乙二路3号，公司成立于2005年，在卡拉OK功放行业拥有20多年丰富的行业经验，厂房面积6500m²。年生产量12万台卡拉OK功放及音响器材。

是一家集研发、生产、销售、服务为一体的卡拉OK功放高新技术企业。公司主营专业级卡拉OK功放、家庭卡拉OK功放、KTV卡拉OK功放、商场卡拉OK功放、餐厅卡拉OK功放、会议功放、音响器材。在卡拉OK功放产品方面具有国内领先的技术。

公司凭借其卓越的技术实力、高雅的外观设计、精湛的制造工艺、先进的生产管理，以及无与伦比的产品性价比，成功将产品远销至东南亚和欧洲市场，与韩国、越南、英国、印度、新加坡、马来西亚、印度尼西亚、美国、菲律宾等多个国家建立了稳固的业务合作关系，同时与国内外知名企业保持着长期的OEM、ODM合作。

拥有一流的现代化标准厂房，配备全自动生产流水线和先进的仪器检测设备，更有资深的专业研发团队、工程技术团队和生产管理团队。公司所生产的卡拉OK系列功放机均通过国家强制性CCC认证、欧洲CE认证及韩国KC安全认证，确保产品质量与安全性。

索耐卡拉OK功放采用专业专业音频处理技术，多级防啸叫技术，高输出功率与低失真率，话筒独立音效调节，丰富的个性化音效，易用性，稳定性好，耐用性强，兼容性强，操作简便，环保节能等特点。

Dongguan Suonai Electronics Co., Ltd. is located at No. 3, Luyi Second Road, Tangxia Town, Dongguan City. Founded in 2005, the company boasts over 20 years of extensive experience in the karaoke power amplifier industry, with a factory area of 6,500 square meters and an annual output of 120,000 units of karaoke power amplifiers and audio equipment. It is a high-tech enterprise integrating R&D, production, sales and services, specializing in karaoke power amplifiers. The company's main products include professional-grade karaoke power amplifiers, home karaoke power amplifiers, KTV dedicated karaoke power amplifiers, karaoke amplifiers for shopping malls and restaurants, conference power amplifiers and other audio equipment. It holds domestically leading technology in the field of karaoke power amplifier products. Backed by outstanding technical strength, elegant appearance design, exquisite manufacturing craftsmanship, advanced production management and unrivaled cost performance, the company's products are sold well to Southeast Asian and European markets. It has established stable business cooperation with multiple countries including South Korea, Vietnam, the United Kingdom, India, Singapore, Malaysia, Indonesia, the United States and the Philippines, and maintains long-term OEM and ODM partnerships with well-known domestic and overseas enterprises. The company features first-class modern standard factory buildings equipped with fully automated production lines and advanced testing instruments. It also has experienced professional teams dedicated to R&D, engineering technology and production management. All karaoke power amplifiers manufactured by the company have passed China's mandatory CCC Certification, European CE Certification and South Korean KC Safety Certification, guaranteeing reliable product quality and safety. Suonai karaoke power amplifiers adopt professional audio processing technology and multi-level howling suppression technology. They feature high output power, low distortion rate, independent sound effect adjustment for microphones, rich personalized sound modes, user-friendly operation, excellent stability, high durability, strong compatibility, simple control, as well as environmental protection and energy efficiency.

企业文化

先进的核心技术

我们始终坚持大力投入研发，力求保持行业顶尖的技术实力。

Advanced core technologies
We have always been committed to making significant investments in research and development, striving to maintain top-notch technological capabilities in the industry.

降低成本

我们多措并举降本增效，坚持创新研发，打造高性价比、结构合理的优质产品。

Reduce costs
We have adopted multiple measures to reduce costs and increase efficiency, and we persist in innovation and research and development to create high-quality products that are cost-effective and have a reasonable structure.

品质保证

为满足消费者多元品质需求，我们全面恪守各国规范认证与质量保障制度。

Quality Assurance
To meet consumers' diverse quality demands, we strictly adhere to the quality assurance systems and regulatory certifications of various countries.

强化产销核心竞争力

秉持二次创业精神，强化销售与生产综合竞争力，稳固企业盈利根基。

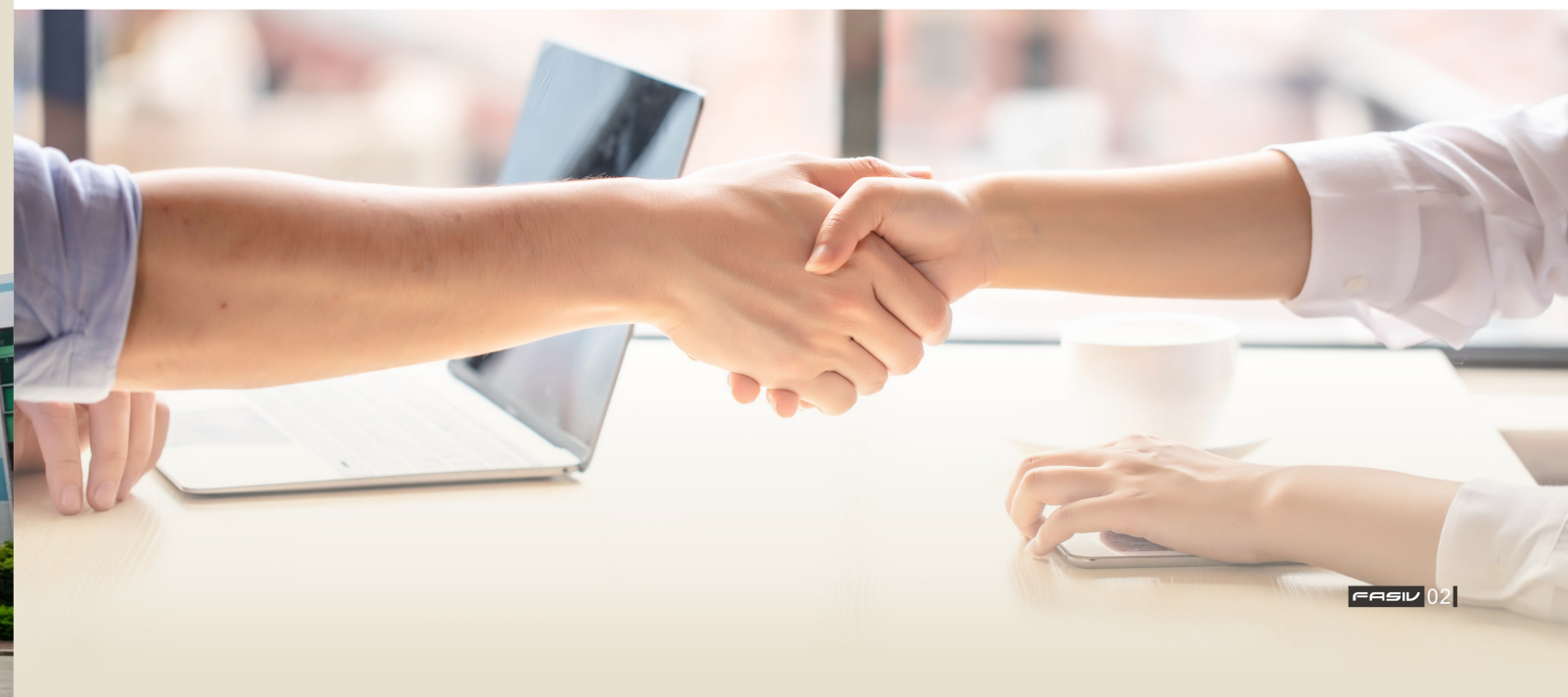
Strengthen the core competitiveness of production and sales
Adhering to the spirit of a second start-up, we will enhance the comprehensive competitiveness of sales and production to solidify the foundation of corporate profitability.

未来指向性企业文化

秉持核心经营理念，坚守未来长远价值，深耕企业文化建设，致力回馈社会、造福大众。

Future-oriented corporate culture
Adhering to the core business philosophy, persisting in long-term future values, deeply cultivating corporate culture construction, and striving to give back to society and benefit the public.

CORPORATE CULTURE



DEVELOPMENT HISTORY

发展历程



2005

与韩国 金永 OEM 签订合同
成立 深圳市索耐电子有限公司

2006

获得 ISO 9001 : 2000 by TUV, CCC,
韩国 KETI 各认证注册 “**FASIV**, **华希**”
商标, 并进入中国市场

2007

与日本 Marantz OEM 签订合同
与日本 BMB ODM 签订合同

2008

与越南 SONG NHAC ODM 签订合同

2009

与 MNATION 共同开发 FA-9000 ,
并进入菲律宾市场
与韩国 TJ Media ODM 签订合同

2010

成立 东莞市索耐电子有限公司 ,
成立线材事业部

2011

与泰国 TJ Media ODM 签订合同

2012

与印度尼西亚 AVT ODM 签订合同

2013

与越南 VDTECH / ITC ODM 签订合同
与新加坡 TEO HENG ODM 签订合同

2014

与菲律宾 MEGAPRO ODM 签订合同
与印度尼西亚 AGC ODM 签订合同

2015

与韩国 ENTERGRAIN
PA Amplifier ODM 签订合同

2016

与菲律宾 VISMAY ODM 签约
设立韩国直营店及 A/S center

2017

成立 东莞市索润电子科技有限公司

2018

与韩国 JD 高音喇叭单元签订合同

2019

开发韩国 TJ G/F 系列 Bluetooth

2020

开发多通道数字功放系列

2021

开发无线拉杆音响系列

2022

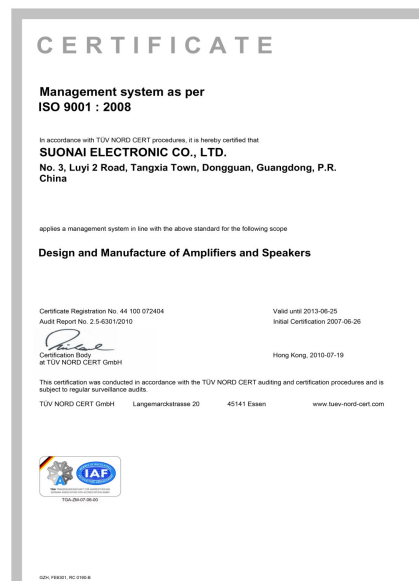
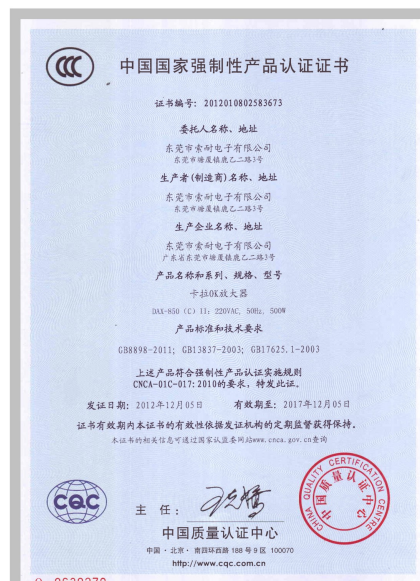
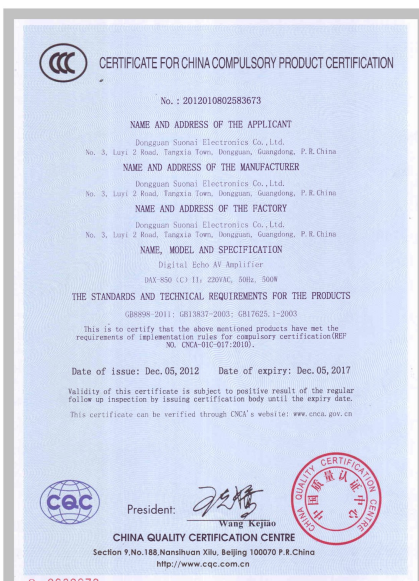
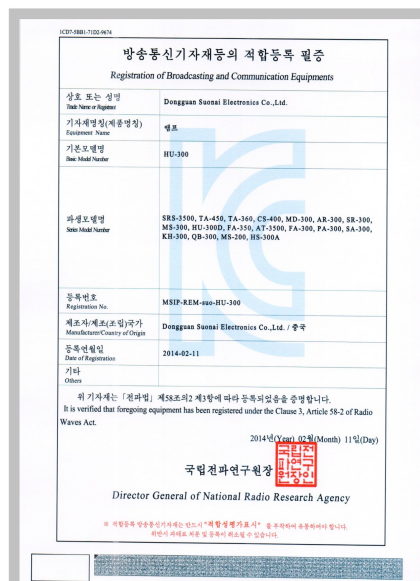
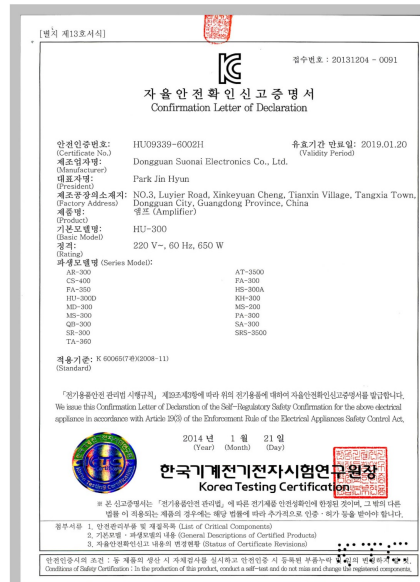
与韩国 JD 学校教室系统签订合同

DEVELOPMENT HISTORY

公司资质

东莞市索耐电子有限公司是国家认定高新技术企业，集研发、生产、销售、服务于一体，主营全场景功放及音响器材。凭借专业音频处理、多级防啸叫等国内领先技术，产品通过 CCC、CE、KC 多国认证。依托资深团队与精益管理，产品远销东南亚、欧洲，与多国建立稳固合作，同时长期为国内外知名企业提供 OEM 服务，是行业资质完备的标杆企业。

Dongguan Suonai Electronics Co., Ltd. is a national high-tech enterprise integrating R&D, production, sales and services, specializing in full-scenario power amplifiers and audio equipment. Leveraging domestically leading technologies such as professional audio processing and multi-level anti-howling, our products have obtained multiple international certifications including CCC, CE and KC. Backed by experienced teams and lean management, our products are exported to Southeast Asia, Europe and other regions, with stable cooperation established with partners from many countries. Meanwhile, we have long provided OEM services for well-known domestic and foreign enterprises, standing as an industry benchmark with comprehensive qualifications.



国家强制性CCC认证

欧洲CE认证

韩国KC安全认证

FA-800D

专业混响

智能防啸

多频可调

多重防护



产品介绍 Product Introduction

FA800D(CLASS D)是一款集大功率输出、专业回声混响、多路调音、防啸叫、多媒体播放于一体的专业级立体声功放，专为KTV、会议、多功能厅、家庭娱乐、小型演出等场景打造，音质清晰稳定、操控直观、安全耐用。

The FA800D is a professional stereo power amplifier that integrates high-power output, professional echo reverb, multi-channel mixing, anti-squeal, and multimedia playback. It is specially designed for KTVs, conferences, multi-function halls, home entertainment, and small-scale performances. It features clear and stable sound quality, simple operation, safe and durable.

产品特点 Product Features

大功率强劲音质：额定 700W 双声道输出，大空间全覆盖，低音浑厚、人声通透。
High Power & Premium Sound Quality: Rated 700W dual-channel output, full coverage for large spaces with rich bass and crystal-clear vocals.

专业 K 歌音效：4 种音效模式，回声、混响、高低音可独立调节，自带智能防啸叫，人声干净不刺耳。
Professional KTV Sound Effects: 4 sound modes available. Echo, reverb, treble and bass can be adjusted independently. Built-in intelligent anti-howling function delivers clear and smooth vocal sound without harsh noise.

全频精细调音：音乐、麦克风独立三段均衡，双麦音量单独调控，适配各类曲风与人声。
Full-range Precision Tuning: Independent 3-band EQ for music and microphone, with separate volume control for dual microphones, perfectly adapting to various music styles and vocal performances.

多功能易拓展：USB/TF 卡即插即播，自带快捷操控；多重安全防护，接口丰富可外接低音炮、功放等组建全套影音系统。
Multifunctional & Expandable: Plug-and-play via USB/TF card with built-in quick control buttons. Equipped with multiple safety protections and abundant interfaces, it can connect external subwoofers, power amplifiers and more to build a complete audio-visual system.

MEASUREMENT	KARAOKE AMP
	FA-800D
TYPE	CLASS D
POWER SUPPLY	AC 220V/50Hz
OUTPUT POWER	700WATT (350W X 2CH)/4Ω
POWER CONSUMPTION	900WATT
FREQUENCY RESPONSE	20Hz~20KHz
S/N	88dB
T.H.D	1% (1KHz)
MIC INPUT SENSITIVITY	14mV
A/B MUSIC INPUT SENSITIVITY	230mV
SIZE	420(W)x 182(H)x 320(D)mm
WEIGHT (NET)	10.88Kg

FA-800

专业混响

智能防啸

多频可调

多重防护



产品介绍 Product Introduction

FA-800(CLASS AB)功放，具有温暖自然、细腻、有韵味等特点，适合喜欢人声，古典音乐场景的人群。专为KTV会议、多功能厅、家庭娱乐、小型演出等场景打造，音质清晰稳定、操控直观、安全耐用。

The FA-800 (CLASS AB) power amplifier features warm, natural, delicate and rich tones,making it ideal for those who enjoy vocals and classical music. Specifically designed for KTV sconference rooms, multi-function halls, home entertainment and small-scale performances, it offers clear and stable sound quality, intuitive operation and is safe and durable.

产品特点 Product Features

大功率全域发声：额定 500W 大功率双声道输出，大空间声场饱满覆盖，低音浑厚强劲、人声通透纯净，影音 K 歌氛围感拉满。
High-Power Full-Range Sound Output Rated 500W high-power dual-channel output delivers full sound coverage for large spaces. It features deep and powerful bass as well as clear and pure vocals, creating an immersive atmosphere for audio, video and karaoke.

专业K歌音效调控：内置多模式回声混响，支持 4 种声场切换，回声、延迟、高低音、混响深度均可独立调节，适配各类演唱风格，唱歌轻松自然。
Professional Karaoke Sound Effect Control Built-in multi-mode reverb and echo with 4 sound field modes optional. Echo volume, repeat, delay, treble/ bass and reverb depth are all independently adjustable to suit various singing styles for effortless and natural vocal performance.

智能防啸叫+精细调音：FBx 智能防啸叫技术，杜绝麦噪啸叫、人声干净清晰；音乐与麦克风独立三段均衡、双麦音量单独可调，精准适配不同人声与曲风。
Intelligent Feedback Suppression & Precise Tuning FBX intelligent anti-howling technology effectively eliminates microphone howling and noise for crisp, clean vocals. Independent 3-band EQ for music and microphone, plus separate volume control for dual microphones, perfectly adapting to different vocal tones and music styles.

多功能易用更安全：支持 USB/TF 卡即插即播，自带曲目与音量快捷控制；具备过载、过流、过热、短路多重防护，接口拓展丰富，可外接低音炮、副功放组建全套影音系统，长期运行稳定耐用。
Multi-functional, User-friendly & Safer Plug-and-play playback via USB/TF card with shortcut controls for track switching and volume. Built-in multiple protections against overload, overcurrent, overheating and short circuit. Rich extended interfaces allow connection to subwoofers and auxiliary amplifiers to build a complete audio-video system, ensuring long-term stable and durable operation.

MEASUREMENT	KARAOKE AMP
	FA-800
TYPE	CLASS AB
POWER SUPPLY	AC 220V/50Hz
OUTPUT POWER	500WATT (250W X 2CH)/4Ω
POWER CONSUMPTION	918WATT
FREQUENCY RESPONSE	20Hz~20KHz
S/N	88dB
T.H.D	1% (1KHz)
SIZE	420(W)x 182(H)x 351(D)mm
WEIGHT (NET)	8.6Kg

FA-P01数字效果器

数字音效

饱满自然

轻松高歌

防啸抑制



产品介绍 Product Introduction

专为KTV优化的麦克风音质与效果实现
数字效果器FA-P01是索耐长期以来积累的由KTV音响相关技术和经验完成。在模拟效果器体验过的高保真音效，现在以数字方式享受。可在卡拉OK环境中实现优化的麦克风音质与效果。相较于市面上普通的回声设备，本产品拥有更为卓越、出众的回声与混响性能。

Realization of Microphone Sound Quality and Effects Optimized for KTV The FA-P01 digital effector is developed by suonai based on its long-term accumulated KTV audio technologies and practical experience. The high-fidelity sound quality previously experienced with analog effectors can now be enjoyed in digital form. It delivers optimized microphone sound quality and professional sound effects for karaoke scenarios. Compared with ordinary echo devices on the market, this product features superior and outstanding echo and reverb performance.

产品功能 Features



MEASUREMENT	AUDIO PROCESSOR	
	FA-P01	
POWER SUPPLY	AC 220V/50Hz	
MAXIMUM INPUT	4V (RMS)	
MAXIMUM OUTPUT	6V (RMS)	
MUSIC GAIN	MAX:12dB	
MIC SENSITIVITY	64mV (at:6V)	
S/N	102dB	
SIZE	483(W)x 45(H)x 125(D)mm	
WEIGHT (NET)	1.7Kg	

SR-300功放

双麦输入

多频精调

数字音效

防啸抑制



产品介绍 Product Introduction

SR-300 专业卡拉 OK 功放，适配家庭 KTV、小包厢、会议室及多功能厅，大功率输出、人声清晰、扩声稳定，K 歌会议两用，家用商用高性价比。搭载多频段调音、立体声控制，内置回声、混响、智能防啸叫，双麦增益可调；支持蓝牙、USB、TF 卡、AUX 多音源输入，自带曲目操控，即装即用、功能丰富。

The SR-300 professional karaoke power amplifier is perfect for home KTV, private booths, meeting rooms and multi-functional halls. It delivers high power output, clear vocal performance and stable sound reinforcement, ideal for both karaoke and conference use It's cost-effective for home and commercial applications.Equipped with multi-band tuning and stereo control, it features built-in echo, reverb and intelligent anti-howling functions with adjustable dual microphone gain. It supports multiple audio inputs including Bluetooth, USB, TF card and AUX, with built-in track control functions, plug-and-play and feature-rich.

产品特点 Product Features

双麦灵活配置：2麦克风接口独立增益调节，支持高音电位器及音效分离控制，避免干扰。
Dual-Mic Flexible Configuration: Two microphone ports feature independent gain adjustment, with treble potentiometer and separate sound effect control to avoid signal interference.

音效多样化：内置回声、重复、延时、混响等模式，音乐与麦克风均支持低/中/高音独立调节。
Diversified Sound Effects: Built-in echo, repeat, delay and reverb modes. Both music and microphone support independent adjustment of bass, mid and treble tones.

便捷播放功能：蓝牙无线连接+本地音源（USB/TF卡）切换，支持耳机监听接口，满足私密练习需求。
Convenient Playback Function: Supports Bluetooth wireless connection and local audio source switching via USB/TF card. Equipped with a headphone monitoring port to meet the needs of private practice.

场景覆盖：家庭聚会K歌、小型KTV包厢、个人音乐练习（耳机监听）。
Applicable Scenarios: Family karaoke parties, small KTV booths, personal music practice with headphone monitoring.

MEASUREMENT	KARAOKE AMP	
	SR-300	
POWER SUPPLY	AC 220V/50Hz	
OUTPUT POWER	280WATT (140W X 2CH)/4Ω	
POWER CONSUMPTION	565WATT	
FREQUENCY RESPONSE	20Hz~20KHz	
S/N	85dB	
T.H.D	1% (1KHz)	
SIZE	420(W)x 130. 5(H)x 240. 3(D)mm	
WEIGHT (NET)	6. 36Kg	



SA-200

多通分区

独立驱动

广适音箱



SA-400

全频响应

低噪高信

工程级稳



SA-600

标准机柜

按需选型

高性价比

产品介绍 Product Introduction

SA 系列是商用级多通道专业功放，包含 SA-200（2 声道）、SA-400（4 声道）、SA-600（6 声道）三款型号，专为商场、酒店、学校、工厂、办公区等多区域背景音乐与公共广播场景打造，以标准化设计、稳定输出和灵活扩展能力，实现“一台功放搞定多区域扩声”。

The SA series is commercial-grade multi-channel professional power amplifier, including three models: SA-200 (2-channel), SA-400 (4-channel), and SA-600 (6-channel). These models are specifically designed for background music and public broadcasting scenarios in multiple areas such as shopping malls, hotels, schools, factories, and office areas. With standardized design, stable output, and flexible expansion capabilities, it enables "one power amplifier to handle multi-area sound amplification".

产品特点 Product Features

多通道设计，分区扩声一步到位：50W / 路独立输出，提供 2/4/6 声道版本，可同时驱动不同区域的音箱，支持分区独立控制，商场楼层、学校走廊、酒店客房等场景，一台功放即可实现多区域同步或分区播放，布线和管理都更省心。

Multi-channel design, complete zone sound amplification in one step : 50W / channel of independent output, available in 2/4/6 channel versions, capable of simultaneously driving speakers in different areas, supporting independent control of zones. Suitable for scenarios such as shopping mall floors, school corridors, and hotel rooms. With just one power amplifier, it can achieve synchronous or zone-based playback in multiple areas, making wiring and management much more convenient.

标准 4Ω 阻抗，适配绝大多数音箱：支持 4Ω 音箱负载，市面上主流的定阻广播音箱、全频音箱都能直接匹配，搭配门槛低，工程安装无需额外调整，兼容性拉满。

Standard 4Ω impedance, compatible with the vast majority of speakers : Supports 4Ω speaker load, mainstream fixed-resistance public address speakers and full-range speakers on the market can be directly matched. The installation threshold is low, and no additional adjustments are required for engineering installation. The compatibility is fully covered.

全频响应，音质清晰自然：20Hz~20kHz 完整频率响应，80dB 信噪比，1% 低失真，播放背景音乐、人声广播都干净无杂音，人声通透不闷，音乐层次分明，长时间听感也舒适不疲劳。

Full-frequency response, clear and natural sound quality : 20Hz - 20kHz complete frequency response, 80dB signal-to-noise ratio, 1% low distortion. When playing background music or human voice broadcasts, it is clean and noise-free. The human voice is clear and not muffled, and the music has distinct layers. The long-term listening experience is also comfortable and not tiring.

标准化工程级机身，安装维护便捷：统一 420×96×290mm 标准尺寸，适配常规机柜安装，机身坚固耐用，内置完善保护电路，适合长时间连续工作，商用场景稳定可靠。

Standard engineering-grade body, convenient installation and maintenance : Uniform 420×96×290mm standard size, suitable for regular cabinet installation. The body is sturdy and durable, with a complete protection circuit built-in. It is suitable for long-term continuous operation and is stable and reliable in commercial scenarios.

按需选择，性价比高：三款型号覆盖从小型店铺到大型园区的不同需求，按区域数量选对应声道型号，不用为多余的通道买单，工程预算更可控。

Choose as needed, great value for price : Three models cover different needs from small shops to large parks. Select the corresponding channel model based on the number of zones. There is no need to pay for extra channels,and the engineering budget is more controllable.

MEASUREMENT	MULTI CHANNEL AMP		
	SA - 200	SA - 400	SA - 600
POWER SUPPLY	AC 220V/50Hz	AC 220V/50Hz	AC 220V/50Hz
OUTPUT POWER	100WATT(50WX2CH)/4Ω	200WATT(50WX4CH)/4Ω	300WATT(50WX6CH)/4Ω
POWER CONSUMPTION	220WATT	486WATT	557WATT
FREQUENCY RESPONSE	20Hz~20KHz	20Hz~20KHz	20Hz~20KHz
S/N	80dB	80dB	80dB
T.H.D	1% (1KHz)	1% (1KHz)	1% (1KHz)
SIZE	420(W)x 96(H)x290(D)mm	420(W)x 96(H)x290(D)mm	420(W)x 96(H)x290(D)mm
WEIGHT (NET)	5. 6Kg	6. 4Kg	6. 7Kg

SPA-240

远距传送

高效保真

工程耐用

持久稳定



产品介绍 Product Introduction

SPA-240 是一款专业级高低阻两用功放，专为公共广播与专业扩声场景打造，一台设备同时支持高阻抗定压广播和低阻抗立体声扩声，满足从大型园区广播到中小型演出 / 会议的多样化需求，是商用扩声场景的 “全能多面手” 。

SPA-240 is a professional dual-resistance power amplifier. It is specially designed for public broadcasting and professional sound reinforcement scenarios. With one device, it can support both high-impedance constant-voltage broadcasting and low-impedance stereo sound reinforcement, meeting the diverse needs ranging from large-scale park broadcasting to small and medium-sized performances / meetings. It is an "all-round versatile" device for commercial sound reinforcement scenarios.

产品特点 Product Features

双模双阻 一机两用：高低阻双模式切换，定阻适配舞台影音、定压覆盖园区商场，两种场景一台搞定。

Dual Mode & Dual Impedance, One Machine for All：Switchable high/low impedance modes. Constant impedance for stage & home audio; constant voltage for malls and parks. One unit serves two scenarios perfectly.

定压输出部分具有4分区可单独开启和关闭功能

The constant-voltage output section features 4 zones with independent on/off control.

低阻功放可当高保真HIFI监听

Low-impedance power amplifier can be used for high-fidelity HIFI monitoring.

工程级机身 持久稳定：标准工程机箱，用料扎实，内置多重保护电路，支持商用 7×24 小时长时间连续运行。

Industrial-grade Body, Stable & Durable：Standard engineering chassis with solid build quality and built-in multi-protection circuits, supporting 7×24-hour continuous operation for commercial use.

低耗节能 适配广泛：低额定功耗省电省钱，兼容专业音箱与广播音箱，新建工程、旧系统改造均可灵活适配。

Energy-saving & Wide Compatibility：Low power rating saves electricity cost. Compatible with professional and PA speakers, it fits perfectly for new projects and old system renovation.

MEASUREMENT	PROFESSIONAL HI/LOW AMP	
	SPA-240	
POWER SUPPLY	AC 220V/50Hz	
OUTPUT POWER	Hi impedance:(100w X1CH)/8Ω	LOW impedance: 240WATT (120W X 2CH)/4Ω
POWER CONSUMPTION	470WATT	
FREQUENCY RESPONSE	20Hz~20KHz	
S/N	85dB	
T.H.D	1% (1KHz)	
SIZE	420(W)x 188(H)x378(D)mm	
WEIGHT (NET)	10.5Kg	

HA-180迷你功放

麦声宏亮

多频可调

多重防护



产品介绍 Product Introduction

HA-180 双通道迷你混音功放，机身小巧不占地，集混音与功率放大于一体。功能丰富、接线简易，适配家庭客厅、小型会议室、门店商铺等多种场景。音质纯净通透，运行稳定耐用，满足日常背景音乐、人声扩声等多种使用需求，小空间扩声优选。

HA-180 Dual-channel Mini Mixing Amplifier features compact and space-saving design, integrating audio mixing and power amplification in one unit.It is multi-functional with simple wiring, ideal for home living rooms, small meeting rooms, stores and other scenarios.Delivering pure and transparent sound with stable and durable performance, it perfectly meets daily background music and vocal amplification needs, an optimal choice for small-space sound reinforcement.

产品特点 Product Features

真·大功率小钢炮：双通道立体声，额定 150W (50W×2) /4Ω，轻松带动家用 / 店铺音箱，人声通透、低音饱满，小体积也有大动态。

True High-Power Mini Power Amplifier：Dual-channel stereo, rated at 160W (80W×2) / 4Ω, easily drives home or store speakers, with clear vocals and rich bass. Despite its small size, it delivers powerful dynamics.

全能接口，即插即用：支持TF/USB/AUX/ 双路话筒输入，手机、电脑、电视、点歌机、U 盘全兼容，不用转接线、不用复杂设置。

All-in-One Interface, Plug and Play：Supports TF/USB/AUX/ dual-channel microphone input, compatible with mobile phones, computers, TVs, karaoke machines, and USB drives. No need for adapter cables or complex settings.

K歌/会议一键到位：独立话筒音量、ECHO 回声、高低音、音乐音量精细调节，唱歌不闷、讲话清晰，家庭 K 歌、小型会议、门店广播都好用。

One-click karaoke/Conference Mode：Independent microphone volume, ECHO echo, bass/treble, and music volume fine-tuning. Singing is not muffled, and speaking is clear. Suitable for home KTV, small meetings, and store broadcasts.

稳定耐用，省心省电：220V 直插，150W 低功耗，信噪比 80dB、失真低，长时间工作稳定不发烫，机身仅 1.81kg，摆放 / 移动超方便。

Stable and Durable, Energy Efficient：220V direct plug, 150W low power consumption, 80dB signal-to-noise ratio, low distortion. Stable operation without overheating even after long use. The body weighs only 1.81kg, making it easy to place or move.

MEASUREMENT	MINI AMP	
	HA-180	
POWER SUPPLY	AC 220V/50Hz or 60Hz	
OUTPUT POWER	100WATT(50WX2CH)/4Ω	
POWER CONSUMPTION	150WATT	
FREQUENCY RESPONSE	20Hz~20KHz	
S/N	80dB	
T.H.D	1% (1KHz)	
SIZE	260(W)x 109.1(H)x191(D)mm	
WEIGHT (NET)	1.53Kg	

FA-1202S功放机



FA-1204S功放机



产品介绍 Product Introduction

迷你功放系列是高性价比专业功放，包含 FA-1202S（2 声道）与 FA-1204S（4 声道）两款，专为家用影音、店铺背景音乐、小型会议室、教室、家庭 KTV 等场景设计，以紧凑机身、稳定功率、全频音质，提供即插即用的扩声解决方案。

The mini amplifier series are high-performance professional amplifiers with good value for money. They include two models: FA-1202S (2-channel) and FA-1204S (4-channel). Designed for home audio-visual systems, store background music, small meeting rooms, classrooms, and home KTVs, etc., they offer an easy-to-use sound reinforcement solution with compact design, stable power output, and full-frequency sound quality.

产品特点 Product Features

- 双版本可选，灵活适配不同场景**
FA-1202S：2 声道 90W 总功率（45W×2），适合小户型、单区域扩声
FA-1204S：4 声道 180W 总功率（45W×4），支持多区域同时播放，店铺 / 多房间场景更合适
Two versions are available, flexible and suitable for different scenarios.
FA-1202S: 2-channel, 90W total power (45W×2), suitable for small spaces and single areas for sound reinforcement
FA-1204S: 4-channel, 180W total power (45W×4), supports simultaneous playback in multiple areas. More suitable for store / multi-room scenarios
- 标准 4Ω 阻抗，适配性强：**支持 4Ω 音箱负载，市面上绝大多数家用 / 商用音箱都能轻松匹配，搭配门槛低，兼容性广。
Standard 4Ω impedance, strong adaptability:Supports 4Ω speaker load, most home / commercial speakers on the market can be easily matched, the installation and placement are not stressful, the compatibility is wide.
- 全频响应，音质均衡耐听：**20Hz~20kHz 完整频率响应，低频饱满、中高频清晰，不管是播放背景音乐、人声讲话还是 K 歌，都能保证均衡自然的听感。
Full frequency response, balanced sound quality, pleasant to listen to:20Hz~20kHz complete frequency response, low frequencies are full, mid-frequencies are clear. Whether playing background music, human speech or karaoke, it can ensure a balanced and natural listening experience.
- 小巧机身，安装摆放无压力：**尺寸仅 280×96×210mm，重量轻（3.42kg/4.06kg），桌面、机柜都能轻松放置，不占空间，适合紧凑场景安装。
Compact body, no pressure for installation and placement:Size is only 280×96×210mm, light in weight (3.42kg/4.06kg), can be easily placed on the desktop or cabinet, does not occupy space, suitable for compact scenarios installation.
- 稳定耐用，日常使用省心：**标准 AC 220V 供电，1% 低失真（1kHz），80dB 信噪比，声音干净无杂音，长时间工作稳定不发烫。
Stable and durable, convenient for daily use:Standard AC 220V power supply, 1% low distortion (1kHz), 80dB signal-to-noise ratio, clean sound without noise, stable and does not overheat for long-term operation.

MEASUREMENT	MINI AMP	
	FA-1202S	FA-1204S
POWER SUPPLY	AC 220V/50Hz	AC 220V/50Hz
OUTPUT POWER	90WATT (45W X 2CH)/ 4Ω	180WATT(45W X4CH)/4Ω
POWER CONSUMPTION	150WATT	280WATT
FREQUENCY RESPONSE	20Hz~20KHz	20Hz~20KHz
S/N	80dB	80dB
T.H.D	1% (1KHz)	1%(1KHz)
SIZE	280(W) x 96(H) x 210(D)mm	280(W) x 96(H) x 210(D)mm
WEIGHT (NET)	3.42Kg	4.06Kg

FS-10A音箱

层次分明

震撼有力

定位精准

活力展现



产品介绍 Product Introduction

FS-10A 是一款高保真专业级音箱，主打大功率、宽频响、高灵敏度，专为会议室、多功能厅、KTV、小型演出、商铺、家庭影音等场景打造，提供饱满、清晰、有力度的声音表现。

FS-10A is a high-fidelity professional-grade speaker, featuring high power output, wide frequency range and high sensitivity. It is specially designed for meeting rooms, multi-function halls, KTVs, small performances, shops, and home audio systems, providing rich, clear and powerful sound performance.

产品特点 Product Features

- 功率强劲，动态十足：**额定功率 200W，峰值功率高达 500W，大动态音乐也能轻松驾驭，声音饱满不压缩，临场感强。
Powerful and dynamic:Rated power 200W, peak power up to 500W. It can easily handle large dynamic music, with a full and uncompressed sound, strong presence.
- 8Ω标准阻抗，兼容性广：**8Ω 标准阻抗设计，市面上绝大多数专业功放、定阻功放都能轻松匹配，搭配选择更灵活。
8Ω standard impedance, wide compatibility:8Ω standard impedance design. Most professional power amplifiers and fixed-resistance power amplifiers can be easily matched. The choice of pairing is more flexible.
- 音质均衡，用途广泛：**全频优化调校，人声自然不刺耳，音乐层次分明，既能满足 K 歌、会议的人声扩声，也能胜任背景音乐播放
Balanced sound quality, wide range of applications:Full frequency optimization adjustment, natural and non-irritating human voices, clear music layers. It can meet the voice amplification requirements for karaoke and meetings, and also be suitable for background music playback.

MEASUREMENT	SPEAKER	
	FS-10A	
SPEAKER UNIT	LF 10" x1/HF 3" x2	
PEAK POWER	500WATT	
RATED POWER	200WATT	
RATED IMPEDANCE	8Ω	
FREQUENCY RESPONSE	35HZ~20KHz	
SPL	93dB	
SIZE	520(W)X290(H)X300(D)mm	
WEIGHT (NET)	12Kg	