

川琪科技
CHUANQI TECHNOLOGY

OMBA® dBa AUDIO
专注于数字音频
WWW.OMBAUDIO.COM



坚持原创 专业领航

始于2014



CATALOG

Professional Audio Amplifier



About us

SINCE 2014

Energy saving green audio pioneer

节能绿色音频开拓者



OMB founded in 2014, OMB is an innovative audio company dedicated to designing, manufacturing and distributing a wide range of professional audio products such as power amplifiers, processors and software for the professional audio market, primarily for fixed installation and touring applications. Since its inception, OMB Technology has been a leader in the audio field, representing passion, creativity and innovation in the marketplace.

The founder, **Mr. Wood Lee**, has been deeply involved in the audio technology field for nearly 30 years. From 1997 to 2014, he worked for international companies such as SEIKAKU and Behringer, and designed high-end audio products for LEM (Italy) and Powersoft (U.S.A.), accumulating a global vision of technology and R&D experience. Based on the deep knowledge of European and American brands monopolizing the high-end amplifier market, he returned to China and founded OMB, which is committed to building China's own high-end audio solutions and breaking through the core technology barriers. OMB has mastered the design and development of a new type of Class D amplifier, which is able to provide continuous and reliable high power output, which is worth noting that this is definitely an unprecedented achievement.

Now, through its own patented technology, OMB's variable switching power supply technology can also improve the heat dissipation efficiency by 35%, and can easily handle impedance loads. OMB products have served the global high-end scene and have been recognized by the professional market at international exhibitions.





20000

超大功率中国独家专利

Ultra-high power, Exclusive Patent in China

27

获得多项核心专利技术

Acquisition of several core patents

33

产品覆盖全球多个国家

Product coverage in more than 30 countries

- 可变开关电源技术, 转换效率提升, 减少散热量
Variable switching power supply technology improves conversion efficiency and dynamically adjusting power output
- 1U纤薄机身, 85V-460V, 高达20000W功率
1U slim body, 85V-460V, 20000W high power professional amplifier

旗舰产品
优势

- 技术标准入选专业音频设备技术规范技术
Technical standards selected as technical specifications for professional audio equipment
- OMB产品已服务于全球高端场景
OMB products have served the global high-end scene

川琪科技创立于2014年, 是一家自主创新的音频公司, 致力于为专业音频市场设计、生产和销售各种专业音频产品, 主要用于固定安装和巡演应用的功率放大器、处理器和软件等。自创办以来, 川琪科技一直是音频领域的领导者, 是热情、创造力和创新的市场代表。

创始人李武德先生 (Wood Lee) 深耕音频技术领域近30年, 1997-2014年先后任职于SEIKAKU、Behringer等国际企业, 并为意大利LEM、美国Powersoft等公司设计高端音频产品, 积累了全球化的技术视野与研发经验。基于对欧美品牌垄断高端功放市场的深刻认知, 回国创立川琪科技, 致力于打造中国自主高端音频解决方案, 突破核心技术壁垒。川琪科技掌握了一种新型D类放大器的设计和开发, 能够提供持续可靠的高功率输出, 值得注意的是, 这绝对是一项前所未有的成就。

现在通过自有专利技术, 川琪科技的可变开关电源技术还能够让散热效率提升35%, 同时可轻松处理阻抗负载。累计获得27项核心专利, 技术标准入选专业音频设备技术规范技术, 产品已服务于全球高端场景, 在国际展会获专业市场认可。

dBa[®]
= AUDIO =
PROFESSIONAL



我们的 HONOR
荣誉



Content



From cost-effective 300W dual channel amplifiers to high-performance 2000W four-channel amplifiers, we offer it all. With PFC (Power Factor Correction) and intelligent track management, we meet all your power amplifier needs.

从300W两通道的高性价比功放到2000W四通道的高性能功放应有尽有，PFC功率因素校正、智能音轨管理应有尽有，满足您对功率放大器的各种需求。

01

Professional Amplifier 专业功放系列

P1-P19



02

Active Module Amplifier 有源模块系列

P20-P32



03

Module Amplifier 模块系列

P33-P45



04

Self-develop DSP DSP系列

P46-P49



“纯净音质，为你勾勒无垠天地，任身心肆意遨游。”

The pure sound quality Outlines the boundless world for you, allowing your body and mind to roam freely.



01

Professional Amplifier 专业功放系列

从300W两通道的高性价比功放到2000W四通道的高性能功放应有尽有，PFC功率因素校正、智能音轨管理应有尽有，满足您对功率放大器的各种需求。

From cost-effective 300W dual channel amplifiers to high-performance 2000W four-channel amplifiers, we offer it all. With PFC (Power Factor Correction) and intelligent track management, we meet all your power amplifier needs.

PFA20K

Professional Amplifier
专业功放系列

OMNIB®

产品参数

型号(Model)	PFA18K	PFA20K	PFA20K2
Outputs Stages			
output power@8Ω	1800Wx4	2000Wx4	4600Wx2
output power@4Ω	3200Wx4	3600Wx4	7000Wx2
output power@2.7Ω	4200Wx4	4500Wx4	NA
output power@2Ω	5000Wx4	5600Wx4	NA
output power@8ΩBTL	6000Wx2	6600Wx2	NA
output power@4ΩBTL	9000Wx2	10800Wx2	NA
Peak total output, all channels driven	18000W	20000W	NA
DSP			
Damping@80Ω20Hz-500Hz	> 5000		
Conversion rate	> 103V/μs		
Frequency response	10Hz-20 kHz		
Noise	< 1mv		
THD	< 0.5%(typical < 0.01%)		
Input impedance	20kΩ balanced		
AD/DA Converters	24Bit/96kHz		
Sampling Rate Converter	24Bit/44.1kHz to 192kHz		
Delay	+70ms		
Equalizer	Self FIR (finite impulse response), peak, high / low shelf type, all pass, band-pass, band stop high / low-pass equalization		
Crossover	Linear phase (FIR), data (FIR), Butterworth, Linkwitz-Riley, Besset:6dB/oct48		
Limiter	TruePower, Voltage RMS, current RMS, peak limit		
AC power supply			
Single-phase			
Rated voltage	85-460V@50/80Hz		
Operating range	85-460V from DC to 200Hz		
Power factor 1/8Max output power@4Ω	> 0.9		
Triphase			
Rated voltage	173Y/100-416Y/240V 3-,3W+N+PE/3W+PE		
Size	W: 483 mm, D: 490 mm,H:44 mm		

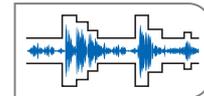
NEW



单相供电
single-phase
三相供电
Three-phase
85V-460V交流电
85V-460V AC



绿色音频功放
Green Audio Power Amplifier



SRM智能音轨管理
SRM Intelligent Audio Track Manage



96K采样率
96K sampling rate



4x4输入/输出矩阵
4x4 input/output matrix



信号故障自动校正
Automatic signal fault correction



新一代Class D
A new generation of Class D



功率因数校正
Power Factor Correction



电路硬件保护
Circuit hardware protection

PFA16KDSP

Professional Amplifier
专业功放系列



产品参数

型号(Model)	PFA10K	PFA12K	PFA16K
Outputs Stages			
8Ω EIA 1 kHz 1% THD	1100Wx4	1350Wx4	1600Wx4
4Ω EIA 1 kHz 1% THD	1800Wx4	2000Wx4	3000Wx4
2Ω EIA 1 kHz 1% THD	2500Wx4	3000Wx4	4500Wx4
OUTPUT POWER, BRIDGE MONO MODE			
8Ω EIA 1 kHz 1% THD	3600Wx2	4000Wx2	6000Wx2
4Ω EIA 1 kHz 1% THD	5000Wx2	6000Wx2	8000Wx2
DSP			
Damping@80Ω20Hz-500Hz	>5000		
Conversion rate	>103V/μs		
Frequency response	10Hz-20 kHz		
Noise	<1mv		
THD	<0.5%(typical<0.01%)		
Input impedance	20kΩ balanced		
AD/DA Converters	24Bit/96kHz		
Sampling Rate Converter	24Bit/44.1kHz to 192kHz		
Delay	+70ms		
Equalizer	Self FIR (finite impulse response), peak, high / low shelf type, all pass, band-pass, band stop high / low-pass equalization		
Crossover	Linear phase (FIR), data (FIR), Butterworth, Linkwitz-Riley, Bessel:6dB/octt48		
Limiter	TruePower, Voltage RMS, current RMS, peak limit		
Noise (20 Hz-20 kHz, 32 dB Gain)	<1mv	<1mv	<1mv
Damping Factor (8 ohms)	5000	5000	5000
Output Circuitry	CLASS-D	CLASS-D	CLASS-D
Input Sensitivity	1V	1.5V	1V
Maximum Gain (1.2V setting)	32dB	32dB	36dB
Maximum Input Level	20dB	20dB	26dB
AC Power Requirements	85-265V	85-265V	85-265V
Size	W: 483 mm, D: 430 mm,H:44 mm		



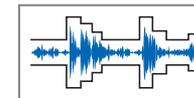
变频电源技术

Variable frequency power technology



绿色音频功放

Green Audio Power Amplifier



SRM智能音轨管理

SRM Intelligent Audio Track Manage



96K采样率

96K sampling rate



4x4输入/输出矩阵

4x4 input/output matrix



功率因数校正

Power Factor Correction



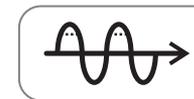
新一代Class D

A new generation of Class D



电路硬件保护

Circuit hardware protection



限幅器集合

Set of limiter

PFA16KLed

Professional Amplifier
专业功放系列



产品参数

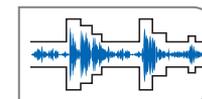
型号(Model)	PFA10K	PFA12K	PFA16K
Outputs Stages			
8Ω EIA 1 kHz 1% THD	1100Wx4	1350Wx4	1600Wx4
4Ω EIA 1 kHz 1% THD	1800Wx4	2000Wx4	3000Wx4
2Ω EIA 1 kHz 1% THD	2500Wx4	3000Wx4	4500Wx4
OUTPUT POWER, BRIDGE MONO MODE			
8Ω EIA 1 kHz 1% THD	3600Wx2	4000Wx2	6000Wx2
4Ω EIA 1 kHz 1% THD	5000Wx2	6000Wx2	8000Wx2
Typical Distortion			
8 ohms	0.02%	0.02%	0.02%
Maximum Distortion	<2%	<2%	<2%
Frequency Response (8 ohms)	20-20KHZ	20-20KHZ	20-20KHZ
Noise (20 Hz-20 kHz, 32 dB Gain)	<1mv	<1mv	<1mv
Damping Factor (8 ohms)	5000	5000	5000
Output Circuitry	CLASS-D	CLASS-D	CLASS-D
Input Sensitivity	1V	1.5V	1V
Maximum Gain (1.2V setting)	32dB	32dB	32dB
Maximum Input Level	20dB	20dB	26dB
AC Power Requirements	85V-265V	85V-265V	85V-265V
Size	W: 483 mm , D: 430 mm ,H:44 mm		



变频电源技术
Variable frequency power technology



绿色音频功放
Green Audio Power Amplifier



SRM智能音轨管理
SRM Intelligent Audio Track Manage



功率因数校正
Power Factor Correction



4x4输入/输出矩阵
4x4 input/output matrix



自适应负载阻抗
Automatic load impedance



新一代 Class D
A new generation of Class D



电路硬件保护
Circuit hardware protection



高效能/低功耗
High performance/Low power consumption

PFA6K4Pro



THD below 0.05%
MAX Power Output:800W x 4

PFA6K4Pro

Multi-function Amplifier (Public Amplifier & Professional Amplifier)
多功能功放系列 (定压定阻)



产品参数

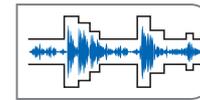
型号(Model)	PFA3K4 Pro	PFA4K4 Pro	PFA6K4 Pro
Outputs Stages			
Maximum output power 100V/70V	500Wx4	650Wx4	800Wx4
Maximum output power per channel (8Ω)	500Wx4	650Wx4	800Wx4
Maximum output power per channel (4Ω)	750Wx4	1000Wx4	1200Wx4
Maximum output power per channel (2Ω)	300Wx4	500Wx4	600Wx4
Maximum Bridge output power (8Ω)	1200Wx2	2000Wx2	2400Wx2
Typical Distortion (8 ohms)	0.02%		
Maximum Distortion	<2%		
Frequency Response(20-20kHz)	+/-1 dB		
Noise (20 Hz-20 kHz, 32 dB Gain)	<1mv		
Damping Factor (8 ohms)	5000		
Output Circuitry	CLASS-D		
Input Sensitivity	1.5V		
Maximum Gain (1.2V setting)	32dB		
Maximum Input Level	20dB		
AC Power Requirements	85V-265V		
Input connector	3-pin XLR, balanced signal input		
Output connector	SPEAKON		
Limiter set	Peak limiting, RM voltage limiting, RMs current limiting.		
Amplifier and load protection	Above/below the specified AC voltage; Dangerous signal (clipping distortion, super high frequency, long-term RMS); DC output; Overtemperature; Short circuit; Mute sound when turning on/off.		
Heat dissipation method	Air cooling, fan infinitely variable speed		
Nominal Voltage voltage	110-240V 50/60Hz		
Fuse	10A		
Weight	8.8Kg		
Size	W: 483 mm , D: 268 mm , H:44 mm		



变频电源技术
Variable frequency power technology



绿色音频功放
Green Audio Power Amplifier



SRM智能音轨管理
SRM Intelligent Audio Track Manage



功率因数校正
Power Factor Correction



4x4输入/输出矩阵
4x4 input/output matrix



自动识别阻抗
Automatic load resistance



新一代 Class D
A new generation of Class D



OLED 显示屏
OLED display



电路硬件保护
Circuit hardware protection

PFA6K4 Multi-function Amplifier (Public Amplifier & Professional Amplifier)

多功能功放系列 (定压定阻)

OMB®

产品参数

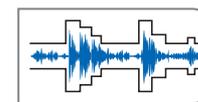
型号(Model)	PFA2K4	PFA3K4	PFA4K4	PFA6K4
Outputs Stages				
Maximum output power 100V/70V	NA	NA	650Wx4	800Wx4
Maximum output power per channel (8Ω)	300Wx4	500Wx4	650Wx4	800Wx4
Maximum output power per channel (4Ω)	500Wx4	800Wx4	1000Wx4	1200Wx4
Maximum output power per channel (2Ω)	NA	500Wx4	500Wx4	600Wx4
Maximum Bridge output power (8Ω)	900Wx2	1600Wx2	2000Wx2	2400Wx2
Typical Distortion (8 ohms)	0.02%			
Maximum Distortion	<2%			
Frequency Response(20-20khz)	+/-1 dB			
Noise (20 Hz-20 kHz, 32 dB Gain)	<1mv			
Damping Factor (8 ohms)	5000			
Output Circuitry	CLASS-D			
Input Sensitivity	1.5V			
Maximum Gain (1.2V setting)	32dB			
Maximum Input Level	20dB			
AC Power Requirements	85V-265V			
Input connector	3-pin XLR, balanced signal input			
Output connector	SPEAKON			
Limiter set	Peak limiting, RM voltage limiting, RMs current limiting.			
Amplifier and load protection	Above/below the specified AC voltage; Dangerous signal (clipping distortion, super high frequency, long-term RMS); DC output; Overtemperature; Short circuit; Mute sound when turning on/off.			
Heat dissipation method	Air cooling,fan infinitely variable speed			
Nominal Voltage voltage	110-240V 50/60Hz			
Fuse	10A			
Weight	8.8Kg			
Size	W: 483 mm , D: 268 mm , H:44 mm			



变频电源技术
Variable frequency power technology



绿色音频功放
Green Audio Power Amplifier



SRM智能音轨管理
SRM Intelligent Audio Track Manage



功率因数校正
Power Factor Correction



4x4输入/输出矩阵
4x4 input/output matrix



自动识别阻抗
Automatic load resistance



新一代 Class D
A new generation of Class D



电路硬件保护
Circuit hardware protection



高质量音频
High-quality Audio

PFA6K

Professional Amplifier
专业功放系列



产品参数

型号(Model)	PFA6K
Outputs Stages	
8Ω EIA 1 kHz 1% THD	1350Wx2
4Ω EIA 1 kHz 1% THD	2000Wx2
BRIDGE POWER(8Ω)	4000Wx1
OUTPUT POWER, BRIDGE MONO MODE	
Typical Distortion	
8 ohms	0.02%
Maximum Distortion	<2%
Frequency Response (8 ohms)	20-20KHZ
Noise (20 Hz-20 kHz, 32 dB Gain)	<1mv
Damping Factor (8 ohms)	500
Output Circuitry	
The Function for Color Screen	
	1.The Working Voltage,Currency,Temperature, and the impedance for each channel,operating power. 2.Operation level for each channel; 3.choosing the working mode; 4.High-Pass Filter; 5.Impedance Matching switchover; 6.with the muting switch
Input Sensitivity	1V
Maximum Gain (1.2V setting)	36dB
Maximum Input Level	26dB
AC Power Requirements	85V-265V
Size	W: 483 mm , D: 385 mm,H: 88 mm



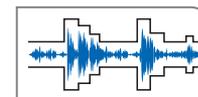
变频电源技术

Variable frequency power technology



绿色音频功放

Green Audio Power Amplifier



SRM智能音轨管理

SRM Intelligent Audio Track Manage



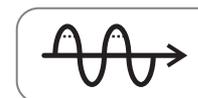
功率因数校正

Power Factor Correction



电路硬件保护

Automatic signal fault correction



限幅器集合

Set of limiter



新一代 Class D

A new generation of Class D



高质量音频

High-quality Audio

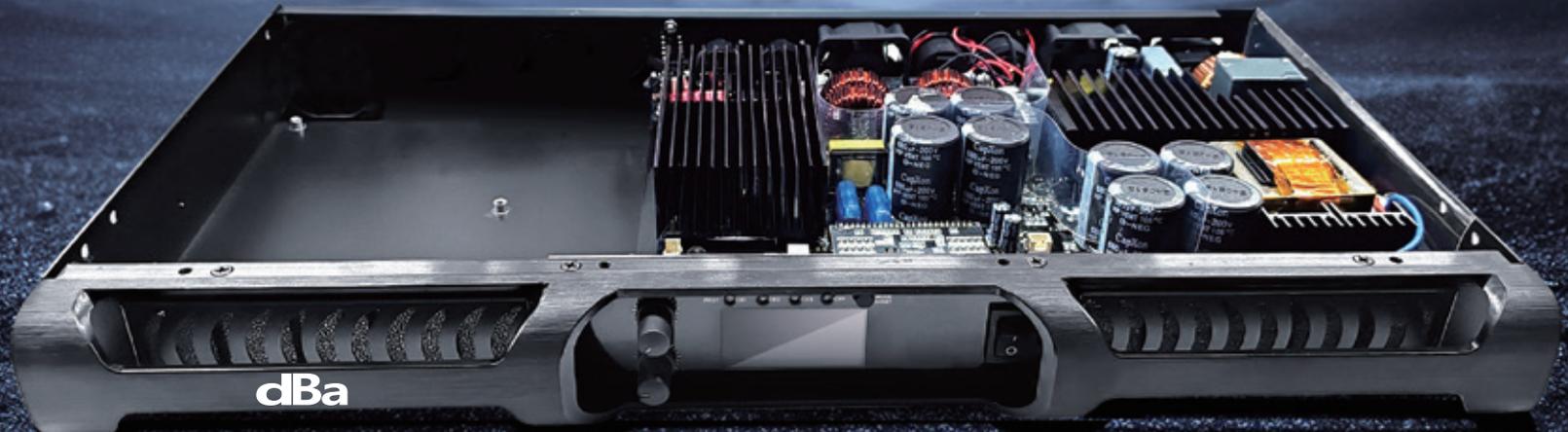


高效能/低功耗

High performance/Low power consumption

2-Channel

THD below 0.05%
MAX Power Output: 1300W x 2



PFA1302

PFA1302

Professional Amplifier
专业功放系列



产品参数

型号(Model)	PFA302	PFA502	PFA802	PFA1002	PFA1302
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Outputs Stages

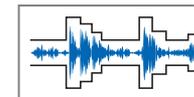
Maximum output power per channel (8Ω)	300Wx2	500Wx2	800Wx2	1000Wx2	1300Wx2
Maximum output power per channel (4Ω)	500Wx2	750Wx2	1200Wx2	1500Wx2	2000Wx2
Maximum output power per channel (2Ω)	300Wx2	500Wx2	800Wx2	1000Wx2	1000Wx2
Maximum Bridge output power (8Ω)	1000Wx1	1500Wx1	2400Wx1	3000Wx1	4000Wx1
Typical Distortion (8 ohms)	0.02%				
Maximum Distortion	<2%				
Frequency Response(20-20kHz)	+/-1 dB				
Noise (20 Hz-20 kHz, 32 dB Gain)	<1mv				
Damping Factor (8 ohms)	5000				
Output Circuitry	CLASS-D				
Input Sensitivity	1.5V				
Maximum Gain (1.2V setting)	32dB				
Maximum Input Level	20dB				
AC Power Requirements	85V-265V				
Input connector	3-pin XLR, balanced signal input				
Output connector	SPEAKON				
Limiter set	Peak limiting, RM voltage limiting, RMs current limiting.				
Amplifier and load protection	Above/below the specified AC voltage; Dangerous signal (clipping distortion, super high frequency, long-term RMS); DC output; Overtemperature; Short circuit; Mute sound when turning on/off.				
Heat dissipation method	Air cooling,fan infinitely variable speed				
Nominal Voltage voltage	110-240V 50/60Hz				
Fuse	10A				
Weight	7.5Kg				
Size	W: 483 mm ,D: 268 mm ,H:44 mm				



变频电源技术
Variable frequency power technology



绿色音频功放
Green Audio Power Amplifier



SRM智能音轨管理
SRM Intelligent Audio Track Manage



功率因数校正
Power Factor Correction



2通道
2x2 input/output matrix



自适应负载阻抗
Automatic load impedance



新一代 Class D
A new generation of Class D



OLED 显示屏
OLED display



电路硬件保护
Circuit hardware protection

PFA8000M

Professional Amplifier
专业功放系列

DMB®

产品参数

型号(Model)	PFA8000M
The Maximum output wattage 1KHZ, 1%Clipping 8ohm Power	1300Wx4
4ohm Power	1500Wx4
8ohm BRIDGE POWER <small>(*Due to the impose restrictions on alternating current, need to make the burst mode test)</small>	3000Wx2
Typical case of Distortion <small>20-3KHZ, Under Clipping is 3dB or 20-5KHZ, Under Clipping is10dB or 20-20KHZ, Under Clipping is20dB</small>	0.05%
8Ohm	
The Maximum Distortion (4-8ohm) <small>20-20KHZ Rated Power is 1dB</small>	0.1%
Frequency (8ohm)	20-20KHZ, +/-2dB
Noise (20-20KHZ)	< 1mv
Dynamic condition for clearance (4ohm)	2dB for all items
Damping Factor (8ohm)	300
Output Circuitry	D
Input Sensitivity	0.775V
Input Transmission gain (1.2V)	36.4dB
Input Impedance	>10KOhm, Balance or Unbalance
The Maximum electrical level (0.775V)	+9dB
The Maximum electrical level (1.2V)	+12dB
The Maximum electrical level (32dB)	+15dB
Controller and LED, Both can	AC Power control switch, Power Supply(Green), Bridge single track(Orange)
Front Panel for each channel	Gain control, 21a Signal-20dB, -10dB(Green), Clipping (Orange), PROT(Red)
Back Panel for each channel	Gain control Switch: 0.775/1.2/32dB
Input Connector for each channel	Convexity Side XLR, Concave Side XLR, 3 Pin Connector
Output Connector for each channel	Neutrik Speakon, (The Wire for Channel one and Channel four, can be connected to two channel)
Amplifier Function and Overload Protection	Short-circuit protection, open circuit protection, overheating protection and RF protection. The Switch for Turn on/turn off the Mute, Shut off the DC Malfunction, Active inrush Current Limited.
The Function for Color Screen	1.The Working Voltage, Current, Temperature, and the impedance for each channel operating over 2. Operation level for each channel. 3. Choosing the working mode. 4. High-Pass Filter. 5. Impedance Matching switch over 5 with the muting switch.
Alternating current power supply (220V)	10A
Heat-Dissipating	Fan
Size	W: 483 mm, H: 88 mm, D: 385 mm

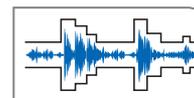
NEW



变频电源技术
Variable frequency power technology



绿色音频功放
Green Audio Power Amplifier



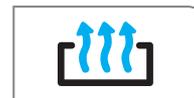
SRM智能音轨管理
SRM Intelligent Audio Track Manage



功率因数校正
Power Factor Correction



4x4输入
4x4 input/output



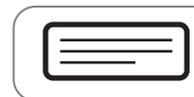
气流通道+固体铝散热片
Airflow channel + Solid aluminum heat sink



新一代 Class D
A new generation of Class D



电路硬件保护
Circuit hardware protection



LCD 显示屏
LCD display

PFA8000MLed

Professional Amplifier
专业功放系列

OMB®

产品参数

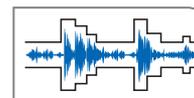
型号(Model)	PFA8000MLed	
The Maximum output wattage 1KHZ, 1%Clipping 8ohm Power	1300Wx4	
4ohm Power	1500Wx4	
8ohm BRIDGE POWER	3000Wx2	(*Due to the impose restrictions on alternating current, need to make the burst mode test)
Typical case of Distortion	0.05%	20-3KHZ, Under Clipping is 3dB or 20-5KHZ, Under Clipping is10dB or 20-20KHZ, Under Clipping is20dB
80hm		
The Maximum Distortion (4-8ohm) 20-20KHZ, Rated Power is 1dB	0.1%	
Frequency (8ohm)	20-20KHZ, +/-2dB	
Noise (20-20KHZ)	< 1mv	
Dynamic condition for clearance (4ohm)	2dB for all items	
Damping Factor (8ohm)	300	
Output Circuitry	D	
Input Sensitivity	0.775V	
Input Transmission gain (1.2V)	36.4dB	
Input Impedance	>10KOhm, Balance or Unbalance	
The Maximum electrical level (0.775V)	+9dB	
The Maximum electrical level (1.2V)	+12dB	
The Maximum electrical level (32dB)	+15dB	
Controller and LED, Both can	AC Power control switch, Power Supply(Green), Bridge single track(Orange)	
Front Panel for each channel	Gain control, 21a Signal-20dB,-10dB(Green), Clipping (Orange), PROT(Red)	
Back Panel for each channel	Gain control Switch: 0.775/1.2/32dB	
Input Connector for each channel	Convexity Side XLR, Concave Side XLR, 3 Pin Connector	
Output Connector for each channel	Neutrik Speakon, (The Wire for Channel one and Channel four, can be connected to two channel)	
Amplifier Function and Overload Protection	Short-circuit protection, open circuit protection, over heating protection, and RF protection. The Switch for Turn on/Turn off the Mute, Shut off the DC Malfunction, Active inrush Current Limited.	
Alternating current power supply (220V)	10A	
Heat-Dissipating	Fan	
Size	W: 483 mm , H: 88 mm, D: 385 mm	



变频电源技术
Variable frequency power technology



绿色音频功放
Green Audio Power Amplifier



SRM智能音轨管理
SRM Intelligent Audio Track Manage



功率因数校正
Power Factor Correction



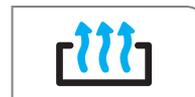
4x4输入/输出
4x4 input/output



台阶增益控制
Step Gain Control



新一代 Class D
A new generation of Class D



气流通道+固体铝散热片
Airflow channel + Solid aluminum heat sink



电路硬件保护
Circuit hardware protection

PDA4800M

Professional Amplifier
专业功放系列

OMB®

产品参数

型号(Model)	PDA4600M	PDA4800M
OUTPUT POWER(8Ω)	600Wx4	800Wx4
OUTPUT POWER(4Ω)	900Wx4	1200Wx4
BRIDGE POWER(8Ω)	1800Wx2	2400Wx2
Frequency	20Hz-20KHz(+/-3dB)	
Total Harmonic Distortion 20Hz-20kHz 8OHM	<0.05%	
Noise	< 1mv	
Slew Rate	40V/uS	
Damping Factor	>300	
Input Sensitivity	1.2V	
Input Impedance(Ω)	20K OHM	
Input Connector	3pin XLR,Balance Signal	
Input Circuitry	Class D	
Output Connector	Binding Post	
Protection	Short-circuit protection,open circuit protection, overheating protection and RF protection, overload protection due to the DC fault	
The Function for Color Screen	1.The Working Voltage,Currency,Temperature,and the impedance for each channel,operating power. 2.Operation level for each channel; 3.choosing the working mode;4.High-Pass Filter; 5.Impedance Matching switchover;6.with the muting switch	
Heat-Dissipating	Fan	
Power Supply Voltage	(115V/230V)Different voltages can be provided according to different regions	
Power Supply Fuse	20A/10A	
Size	W: 483 mm , H: 88 mm, D: 385 mm	



Application scope 运用范围

On site sound reinforcement and fixed installation (such as theater, stadium, multi-function hall, large venues, outdoor mobile performances, etc.)

现场扩声、固定安装(如：剧场、体育场、多功能厅、大型场馆、户外流动演出等)



变速风扇散热
Variable Speed Fan Cooling



4x4输入/输出
4x4 input/output



智能限幅
Auto limit



Class D 电源
Class D power



电路硬件保护
Circuit hardware protection



双反馈技术
double feedback technology

TX8000

Professional Amplifier
专业功放系列

OMNIB®

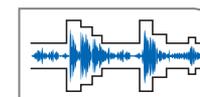
产品参数

型号(Model)	TX8000
OUTPUT POWER(8Ω)	1300Wx4
OUTPUT POWER(4Ω)	1500Wx4
BRIDGE POWER(8Ω)	3000Wx2
Typical distortion (20-3kHz, 3dB under clipping; 20-5kHz, 10dB under clipping; 20-20kHz, 20dB under clipping, 8 ohms)	0.05%
Maximum distortion (4-8 ohms, 20-20kHz, 1dB at rated power)	0.1%
Frequency Response (8 ohms)	20-20kHz, +/-2dB
Noise (20-20kHz)	-100dB
State Headroom (4 ohms)	2dB
Damping factor (8 ohms)	300
Output circuit type	Class D
Gain sensitivity	0.775V
Input Gain (1.2V setting)	36.4dB
Input resistance	>10k ohms, balanced or unbalanced, all models
Input maximum level (0.775V setting)	+9dB
Input maximum level (1.2V setting)	+12dB
Input maximum level (15dB setting)	+15dB
Controls and LEDs (General Purpose)	AC Power Switch, Power (Green), Bridge Mono (Orange)
Front panel (each channel)	Gain control, 21 steps. Signal -20dB, -10dB (green), clipping (orange), PROT (red)
Rear panel (each channel)	Input gain switch: 0.775/1.2/32dB
Input Connectors (each channel)	Male XLR, female XLR, 3-pin terminal block connector
Output connectors (each channel)	SPEAKON, channel 1, 4-wire, up to two channels
Amplifier and Load Protection	Short circuit, open circuit, thermal and RF protection; on/off mute, DC fault off, active inrush limiter
AC power cord set (220V)	10A
Weight	8kg 10kg
Size	W: 485 mm , H: 88 mm, D: 350 mm

NEW



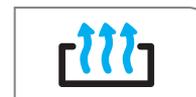
绿色音频功放
Green Audio Power Amplifier



SRM智能音轨管理
SRM Intelligent Audio Track Manage



功率因数校正
Power Factor Correction



气流通道+固体铝散热片
Airflow channel + Solid aluminum heat sink



Class D 电源
Class D power



电路硬件保护
Circuit hardware protection



4x4输入/输出
4x4 input/output



台阶增益控制
Step Gain Control



高质量音频
High-quality Audio

TX6K2/8K2

Professional Amplifier
专业功放系列

OMB®

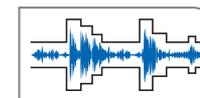
产品参数

型号(Model)	TX6K2	TX8K2
OUTPUT POWER(8Ω)	1300Wx2	2000Wx2
OUTPUT POWER(4Ω)	1500Wx2	3600Wx2
BRIDGE POWER(8Ω)		7200Wx1
Typical distortion (20-3kHz, 3dB under clipping; 20-5kHz, 10dB under clipping; 20-20kHz, 20dB under clipping, 8 ohms)		0.05%
Maximum distortion (4-8 ohms, 20-20kHz, 1dB at rated power)		0.1%
Frequency Response (8 ohms)	20-20kHz, +/-2dB	
Noise (20-20kHz)	-100dB	
State Headroom (4 ohms)	2dB	
Damping factor (8 ohms)	300	
Output circuit type	Class D	
Gain sensitivity	0.775V	
Input Gain (1.2V setting)	36.4dB	
Input resistance	>10k ohms, balanced or unbalanced, all models	
Input maximum level (0.775V setting)	+9dB	
Input maximum level (1.2V setting)	+12dB	
Input maximum level (15dB setting)	+15dB	
Controls and LEDs (General Purpose)	AC Power Switch, Power (Green), Bridge Mono (Orange)	
Front panel (each channel)	Gain control, 21 steps. Signal -20dB, -10dB (green), clipping (orange), PROT (red)	
Rear panel (each channel)	Input gain switch: 0.775/1.2/32dB	
Input Connectors (each channel)	Male XLR, female XLR, 3-pin terminal block connector	
Output connectors (each channel)	SPEAKON, channel 1, 4-wire, up to two channels	
Amplifier and Load Protection	Short circuit, open circuit, thermal and RF protection; on/off mute, DC fault off, active inrush limiter	
AC power cord set (220V)	10A	
Weight	8kg 10kg	
Size	W: 485 mm , H: 88 mm, D: 350 mm	

NEW



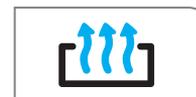
绿色音频功放
Green Audio Power Amplifier



SRM智能音轨管理
SRM Intelligent Audio Track Manage



功率因数校正
Power Factor Correction



气流通道+固体铝散热片
Airflow channel + Solid aluminum heat sink



Class D 电源
Class D power



电路硬件保护
Circuit hardware protection



高效能/低功耗
High performance / Low power consumption



台阶增益控制
Step Gain Control



高质量音频
High-quality Audio

TX1000

Professional Amplifier
专业功放系列

OMB®

产品参数

型号(Model)	TX300	TX400	TX600	TX800	TX1000
OUTPUT POWER(8Ω)	300Wx2	400Wx2	600Wx2	800Wx2	1000Wx2
OUTPUT POWER(4Ω)	500Wx2	650Wx2	900Wx2	1200Wx2	1500Wx2
BRIDGE POWER(8Ω)	1000Wx1	1300Wx1	1800Wx1	2300Wx1	2700Wx1
Typical distortion (20-3kHz, 3dB under clipping; 20-5kHz, 10dB under clipping; 20-20kHz, 20dB under clipping, 8 ohms)					0.05%
Maximum distortion (4-8 ohms, 20-20kHz, 1dB at rated power)					0.1%
Frequency Response (8 ohms)	20-20kHz, +/-2dB				
Noise (20-20kHz)					-100dB
State Headroom (4 ohms)					2dB
Damping factor (8 ohms)					300
Output circuit type					Class D
Gain sensitivity					0.775V
Input Gain (1.2V setting)					36.4dB
Input resistance	> 10k ohms, balanced or unbalanced, all models				
Protection	Short-circuit protection, open circuit protection, overheating protection and RF protection, overload protection due to the DC fault				
Controls and LEDs (General Purpose)	AC Power Switch, Power (Green), Bridge Mono (Orange)				
Front panel (each channel)	Gain control, 21 steps. Signal -20dB, -10dB (green), clipping (orange), PROT (red)				
Rear panel (each channel)	Input gain switch: 0.775/1.2/32dB				
Input Connectors (each channel)	Male XLR, female XLR, 3-pin terminal block connector				
Output connectors (each channel)	SPEAKON, channel 1, 4-wire, up to two channels				
Amplifier and Load Protection	Short circuit, open circuit, thermal and RF protection; on/off mute, DC fault off, active inrush limiter				
AC power cord set (220V)					10A
Weight					8kg 10kg
Size					W: 485 mm , H: 88 mm, D: 350 mm

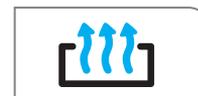
NEW



Application scope 运用范围

On site sound reinforcement and fixed installation (such as theater, stadium, multi-function hall, large venues, outdoor mobile performances, etc.)

现场扩声、固定安装(如: 剧场、体育场、多功能厅、大型场馆、户外流动演出等)



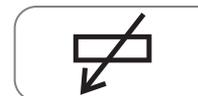
气流通道+固体铝散热片
Airflow channel + Solid aluminum heat sink



Class D 电源
Class D power



电路硬件保护
Circuit hardware protection



智能限幅
Auto limit



高效能/低功耗
High performance/Low power consumption



LLC电源开关
LLC Switch Power

VR1000

Professional Amplifier
专业功放系列

OMB®

产品参数

型号(Model)	VR300	VR400	VR600	VR800	VR1000
OUTPUT POWER(8Ω)	300Wx2	400Wx2	600Wx2	800Wx2	1000Wx2
OUTPUT POWER(4Ω)	500Wx2	650Wx2	900Wx2	1200Wx2	1500Wx2
BRIDGE POWER(8Ω)	1000Wx1	1300Wx1	2000Wx1	2500Wx1	3000Wx1
Frequency	20Hz-20KHz(+/-3dB)				
Total Harmonic Distortion 20Hz-20kHz 8OHM	<0.05%				
Noise	< 1mv				
Slew Rate	40V/uS				
Damping Factor	>300				
Input Sensitivity	1.2V				
Input Impedance(Ω)	20K OHM				
Input Connector	3pin XLR,Balance Signal				
Input Circuitry	Class D				
Output Connector	Binding Post				
Protection	Short-circuit protection,open circuit protection, overheating protection and RF protection, overload protection due to the DC fault				
Heat-Dissipating	Fan				
Power Supply Voltage	(115V/230V)Different voltages can be provided according to different regions				
Power Supply Fuse	20A/10A				
Size	W: 483 mm , H: 88 mm, D: 380 mm				



Application scope 运用范围

On site sound reinforcement and fixed installation (such as theater, stadium, multi-function hall, large venues, outdoor mobile performances, etc.)

现场扩声、固定安装(如: 剧场、体育场、多功能厅、大型场馆、户外流动演出等)



变速风扇散热
Variable Speed Fan Cooling

CLASS D

Class D 电源
Class D power



电路硬件保护
Circuit hardware protection



高质量音频
High-quality Audio



高效能/低功耗
High performance/Low power consumption

LLC

LLC电源开关
LLC Switch Power

HM-12

Professional Amplifier
专业功放系列

OMB®

产品参数

型号(Model)	HM-8	HM-8 Pro	HM-12
OUTPUT POWER(8Ω)	80Wx8	200Wx8	80Wx12
OUTPUT POWER(4Ω)	160Wx8	320Wx8	160Wx12
BRIDGE POWER(8Ω)	300Wx4	600Wx4	300Wx6
Frequency	20Hz-20KHz(+/-3dB)		
Total Harmonic Distortion 20Hz-20kHz 8OHM	<0.05%		
Noise	< 1mv		
Slew Rate	40V/uS		
Damping Factor	>300		
Input Sensitivity	775mV		
Input Impedance(Ω)	10K OHM		
Input Circuitry	Class D		
Channel Crosstalk	80 dB		
Signal to Noise Ratio	100 dB A-weighted		
Protection	Short-circuit protection,open circuit protection, overheating protection and RF protection, overload protection due to the DC fault		
Heat-Dissipating	Fan		
Power Supply Voltage	(100~240V)Different voltages can be provided according to different regions		
Power Supply Fuse	20A/10A		
Size	W: 483 mm , H: 88 mm, D: 385 mm		



Application scope 运用范围

On site sound reinforcement and fixed installation (such as theater, stadium, multi-function hall, large venues, outdoor mobile performances, etc.)

现场扩声、固定安装(如: 剧场、体育场、多功能厅、大型场馆、户外流动演出等)



变速风扇散热
Variable Speed Fan Cooling



Class D 电源
Class D power



电路硬件保护
Circuit hardware protection



高质量音频
High-quality Audio



高效能/低功耗
High performance/Low power consumption

PHA1001M

PM Amplifier
专业广播功放

OMNIB®

产品参数

型号(Model)	PHA201M	PHA301M	PHA601M	PHA801M	PHA1001M
100VOUT 1 kHz 1% THD	200W	300W	600W	800W	1000W
Frequency	20Hz-20KHz(+/-2dB)				
Total Harmonic Distortion (20 Hz-3 kHz,	<0.05%				
3 dB below clip, or 20 Hz-5kHz, 10 dB below clip,					
or 20 Hz-20 kHz,20 dB below clip)					
4~32ohms					
Noise	< 1mv				
Slew Rate	40V/uS				
Damping Factor	>300				
Input Sensitivity (36 dB Setting)	2.6V				
Input Impedance(Ω)	> 10 kΩ balanced, 20K or unbalanced				
Input Connector	3pin XLR,Balance Signal				
Input Circuitry	Class D				
Output Connector	Wiring Terminal				
Protection	Short-circuit protection,open circuit protection, overheating protection and RF protection, overload protection due to the DC fault				
The Function for Color Screen	1.Showing the working oltage,current,temperature and working status; 2.The Output voltage value for each channel; 3.Operation level for each channel; 4.choosing the working mode, 5.High-Pass Filter; 6.Impedance Matching switchover;7.with the muting switch				
Heat-Dissipating	Fan				
Power Supply Voltage	(115V/230V)Different voltages can be provided according to different regions				
Size	W: 483 mm , H: 88 mm, D: 385 mm				



Application scope 运用范围

On site sound reinforcement and fixed installation (such as theater, stadium, multi-function hall, large venues, outdoor mobile performances, etc.)

现场扩声、固定安装(如：剧场、体育场、多功能厅、大型场馆、户外流动演出等)



变速风扇散热
Variable Speed Fan Cooling



Class D 电源
Class D power



电路硬件保护
Circuit hardware protection



高质量音频
High-quality Audio



高效能/低功耗
High performance/Low power consumption



双反馈技术
double feedback technology



02 / Active Module Amplifier 有源模块系列

搭载自研的DSP，多种DSP和前级自由搭配，
在电脑上轻松调试，随时随地做出最棒的音响效果。

Equipped with self-developed DSP, offering flexible combinations of various DSPs and preamps, it allows easy tuning on a computer to achieve the best sound performance anytime, anywhere.

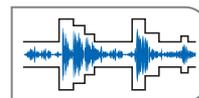
PFA3001+260DA

Active Speaker Amplifier
有源模块系列

OMB®

产品参数

型号(Model)	PFA2001+260DA	PFA3001+260DA
Audio		
Power/8Ω RMS 1 kHz 1% THD	1500Wx1	2000Wx1
Power/4Ω EIAJ 1 kHz 1% THD	2600Wx1	3600Wx1
Power/2Ω EIAJ 1 kHz 1% THD	3200Wx1	5000Wx1
Typical Distortion	0.05%	
Frequency Response (8 ohms)	20 Hz-20 kHz, ±0.2 dB	
Damping Factor (8 ohms)	>600	
Noise (20 Hz-20 kHz, 32 dB Gain)	< 1mv	
Maximum Gain (1.2V setting)	36dB	
DSP		
Analog Inputs and output (single ended)	1 in 2 out	
Input-to-output latency	420μs	
Gain	36dB	
Dynamic Range (unity gain)	typ.95dB(A)	
THD (@ 0dBu, 1kHz, unity gain)	< 0.01%	
Frequency Response	20 Hz-20 kHz, ±0.5 dB	
Sample rate	48kHz	
Delay	10ms	
PEQ (each input and output)	7	
Grouping EQ (each input)	7	
Crossover (each input, LPF and HPF)	24dB/Oct	
Crossover (each output, LPF and HPF)	Butterworth,Linkwitz,Bessel 6dB/oct~24dB/oct	
Limiter attack	8040 db	
Limiter release	23 db	
S/N	101dB	
noiseGata	-100-0dB	
Size	W: 160 mm , D: 420 mm , H: 65 mm	



SRM智能音轨管理
SRM Intelligent Audio Track Manage



绿色音频功放
Green Audio Power Amplifier



功率因数校正
Power Factor Correction



变速风扇散热
Variable Speed Fan Cooling



直通+旁通输出
Through + bypass output



电路硬件保护
Circuit hardware protection

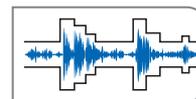
PFA3002+260DA

Active Speaker Amplifier
有源模块系列

OMB®

产品参数

型号(Model)	PFA3002+260DA
Audio	
Power/8Ω EIA 1 kHz 1% THD	1000Wx2
Power/4Ω EIA 1 kHz 1% THD	1800Wx2
OUTPUT POWER, BRIDGE MONO MODE	
8Ω EIA 1 kHz 1% THD	3600Wx1
Typical Distortion	0.05%
Frequency Response (8 ohms)	20 Hz-20 kHz, ±0.2 dB
Damping Factor (8 ohms)	> 600
Noise (20 Hz-20 kHz, 32 dB Gain)	< 1mv
Maximum Gain (1.2V setting)	36dB
DSP	
Analog Inputs and output (single ended)	1 in 2 out
Input-to-output latency	420μs
Gain	36dB
Dynamic Range (unity gain)	typ.95dB(A)
THD (@ 0dBu, 1kHz, unity gain)	< 0.01%
Frequency Response	20 Hz-20 kHz, ±0.5 dB
Sample rate	48kHz
Delay	10ms
PEQ (each input and output)	7
Grouping EQ (each input)	7
Crossover (each input, LPF and HPF)	24dB/Oct
Crossover (each output, LPF and HPF)	Butterworth,Linkwitz,Bessel 6dB/oct~24dB/oct
Limiter attack	8040 db
Limiter release	23 db
S/N	101dB
noiseGata	-100-0dB
Size	W: 160 mm , D: 420 mm , H: 65 mm



SRM智能音轨管理
SRM Intelligent Audio Track Manage



绿色音频功放
Green Audio Power Amplifier



功率因数校正
Power Factor Correction



变速风扇散热
Variable Speed Fan Cooling



直通+旁通输出
Through + bypass output



电路硬件保护
Circuit hardware protection

PFA8000+CQ380

Active Speaker Amplifier
有源模块系列

dBa

产品参数

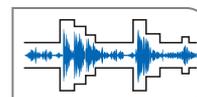
型号(Model)	PFA8000+CQ380
Audio	
Power/8Ω EIA 1 kHz 1% THD	1300Wx4
Power/4Ω EIA 1 kHz 1% THD	1500Wx4
Typical Distortion	0.05%
Frequency Response (8 ohms)	20 Hz~20 kHz, ±0.2 dB
Damping Factor (8 ohms)	> 600
Noise (20 Hz~20 kHz, 32 dB Gain)	< 1mv
Maximum Gain (1.2V setting)	36dB
DSP	
Analog Inputs and output (single ended)	4 in 4 out
Input-to-output latency	510μs
Gain	36dB
Dynamic Range (unity gain)	typ.106dB(A)
THD (@ 0dBu, 1kHz, unity gain)	< 0.01%
Frequency Response	20 Hz-20 kHz, ±0.5 dB
Sample rate	96kHz
Delay	100ms
PEQ (each input and output)	7
Grouping EQ (each input)	31
Crossover (each input, LPF and HPF)	Butterworth,Linkwitz,Bessel 6dB/oct~48dB/oct
Crossover (each output, LPF and HPF)	Butterworth,Linkwitz,Bessel 6dB/oct~48dB/oct
Limiter attack	8040 db
Limiter release	23 db
S/N	114dB
noiseGata	-100-0dB
Fir	1024(4*256)taps
Size	W: 175 mm , D: 455 mm , H: 82 mm



变频电源技术
Variable frequency power technology



绿色音频功放
Green Audio Power Amplifier



SRM智能音轨管理
SRM Intelligent Audio Track Manage



功率因数校正
Power Factor Correction



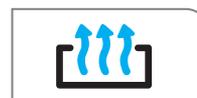
4x4输入/输出
4x4 input/output



台阶增益控制
Step Gain Control



新一代 Class D
A new generation of Class D



气流通道+固体铝散热片
Airflow channel + Solid aluminum heat sink



电路硬件保护
Circuit hardware protection

PFA2K4+260DA

Active Speaker Amplifier
有源模块系列

dBa

产品参数

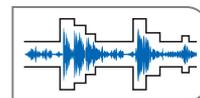
型号(Model)	PFA2K4+CQ260DA(CQ380)	PFA3K4+CQ380
Audio		
Power/8Ω RMS 1 kHz 1% THD(3S)	500+500+1500W	650+650+2000W
Power/4Ω RMS 1 kHz 1% THD(3S)	800+800+1500W	1000+1000+2000W
BRIDGE POWER(8Ω)	1500+1500W	2000+2000W
Typical Distortion	0.05%	
Frequency Response (8 ohms)	20 Hz~20 kHz, ±0.2 dB	
Damping Factor (8 ohms)	>600	
Noise (20 Hz~20 kHz, 32 dB Gain)	< 1mv	
Maximum Gain (1.2V setting)	36dB	
DSP		
Analog Inputs and output (single ended)	2 in 3 out	
Input-to-output latency	510μs	
Gain	36dB	
Dynamic Range (unity gain)	typ.106dB(A)	
THD (@ 0dBu, 1kHz, unity gain)	< 0.01%	
Frequency Response	20 Hz-20 kHz, ±0.5 dB	
Sample rate	48kHz	
Delay	10ms	
PEQ (each input and output)	7	
Grouping EQ (each input)	31	
Crossover (each input, LPF and HPF)	Butterworth,Linkwitz,Bessel 6dB/oct~48dB/oct	
Crossover (each output, LPF and HPF)	Butterworth,Linkwitz,Bessel 6dB/oct~48dB/oct	
Limiter attack	8040 db	
Limiter release	23 db	
S/N	114dB	
noiseGata	-100-0dB	
Fir	1024(4*256)taps	
Size	W: 420 mm , D: 162 mm , H: 88 mm	



变频电源技术
Variable frequency power technology



绿色音频功放
Green Audio Power Amplifier



SRM智能音轨管理
SRM Intelligent Audio Track Manage



功率因数校正
Power Factor Correction



4x4输入/输出
4x4 input/output



步阶增益控制
Step Gain Control



新一代 Class D
A new generation of Class D



气流通道+固体铝散热片
Airflow channel + Solid aluminum heat sink



电路硬件保护
Circuit hardware protection

PDA1300+801+CQ380

Active Speaker Amplifier
有源模块系列

dBa

产品参数

型号(Model)	PDA1300+801+CQ380
Audio	
Power/8Ω EIA 1 kHz 1% THD	400W+400W+800W
Power/4Ω EIA 1 kHz 1% THD	650W+650W+1200W
Typical Distortion	0.05%
Frequency Response (8 ohms)	26 Hz-20 kHz, ±0.2 dB
Damping Factor (8 ohms)	>600
Noise (20 Hz-20 kHz, 32 dB Gain)	< 1mv
Maximum Gain (1.2V setting)	32dB
DSP	
Analog Inputs and output (single ended)	2 in 3 out
Input-to-output latency	510μs
Gain	36dB
Dynamic Range (unity gain)	typ.106dB(A)
THD (@ 0dBu, 1kHz, unity gain)	< 0.01%
Frequency Response	20 Hz-20 kHz, ±0.5 dB
Sample rate	96kHz
Delay	100ms
PEQ (each input and output)	7
Grouping EQ (each input)	31
Crossover (each input, LPF and HPF)	Butterworth,Linkwitz,Bessel 6dB/oct~48dB/oct
Crossover (each output, LPF and HPF)	Butterworth,Linkwitz,Bessel 6dB/oct~48dB/oct
Limiter attack	8040 db
Limiter release	23 db
S/N	114dB
noiseGata	-100-0dB
Fir	1024(4*256)taps
Size	W: 360 mm , D: 281 mm , H: 82 mm



变速风扇散热
Variable Speed Fan Cooling



LLC开关电源
LLC Switch Power



电路硬件保护
Circuit hardware protection

搭配可选:



多种DSP可选
Multiple DSP Options Available



模拟前级处理器
Analog Front-End Processor



产品定制
Product Customization

PDA3000+CQ260D

Active Speaker Amplifier
有源模块系列

dBa

产品参数

型号(Model) PDA2000/2600/3000+CQ260D

Audio

Power/8Ω EIA 1 kHz 1% THD	600Wx2 / 800Wx2 / 1000Wx2
Power/4Ω EIA 1 kHz 1% THD	900Wx2 / 1200Wx2 / 1500Wx2
Typical Distortion	0.05%
Frequency Response (8 ohms)	20Hz-20 kHz, ±0.2 dB
Damping Factor (8 ohms)	>600
Noise (20 Hz-20 kHz, 32 dB Gain)	< 1mv
Maximum Gain (1.2V setting)	32 / 32 / 34dB

DSP

Analog Inputs and output (single ended)	2 in 3 out
Input-to-output latency	420μs
Gain	36dB
Dynamic Range (unity gain)	typ.95dB(A)
THD (@ 0dBu, 1kHz, unity gain)	< 0.01%
Frequency Response	20 Hz-20 kHz, ±0.5 dB
Sample rate	48kHz
Delay	10ms
PEQ (each input and output)	7
Grouping EQ (each input)	7
Crossover (each input, LPF and HPF)	24dB/Oct
Crossover (each output, LPF and HPF)	Butterworth,Linkwitz,Bessel 6dB/oct~24dB/oct
Limiter attack	8040 db
Limiter release	23 db
S/N	101dB
noiseGata	-100-0dB
Fir	NA

Size

W: 367mm , D: 166 mm , H: 76 mm



变速风扇散热
Variable Speed Fan Cooling



LLC开关电源
LLC Switch Power



电路硬件保护
Circuit hardware protection

搭配可选:



多种DSP可选
Multiple DSP Options Available



模拟前级处理器
Analog Front-End Processor



产品定制
Product Customization

PDA1001+CQ260D

Active Speaker Amplifier
有源模块系列

dBa

产品参数

型号(Model) PDA601+CQ260D PDA801+CQ260D PDA1001+CQ260D

Audio

Power/8Ω EIA 1 kHz 1% THD	600Wx1	800Wx1	1000Wx1
Power/4Ω EIA 1 kHz 1% THD	900Wx1	1200Wx1	1200Wx1
Typical Distortion	0.05%		
Frequency Response (8 ohms)	20 Hz-20 kHz, ±0.2 dB		
Damping Factor (8 ohms)	>600		
Noise (20 Hz~20 kHz, 32 dB Gain)	< 1mv		
Maximum Gain (1.2V setting)	32dB		

DSP

Analog Inputs and output (single ended)	1 in 2 out
Input-to-output latency	420μs
Gain	36dB
Dynamic Range (unity gain)	typ.95dB(A)
THD (@ 0dBu, 1kHz, unity gain)	< 0.01%
Frequency Response	20 Hz-20 kHz, ±0.5 dB
Sample rate	48kHz
Delay	10ms
PEQ (each input and output)	7
Grouping EQ (each input)	7
Crossover (each input, LPF and HPF)	24dB/Oct
Crossover (each output, LPF and HPF)	Butterworth,Linkwitz,Bessel 6dB/oct~24dB/oct
Limiter attack	8040 db
Limiter release	23 db
S/N	101dB
noiseGata	-100-0dB
Fir	NA

Size W: 301.6mm , D: 142 mm , H: 60 mm



变速风扇散热
Variable Speed Fan Cooling



LLC开关电源
LLC Switch Power



电路硬件保护
Circuit hardware protection

搭配可选:



多种DSP可选
Multiple DSP Options Available



模拟前级处理器
Analog Front-End Processor



产品定制
Product Customization

PDA1300+CQ260D

Active Speaker Amplifier
有源模块系列

dBa

产品参数

型号(Model)	PDA1000+CQ260D	PDA1300+CQ260D	PDA1500+CQ260D
Audio			
Power/8Ω EIA 1 kHz 1% THD	300W+300W	400W+400W	500W+500W
Power/4Ω EIA 1 kHz 1% THD	500W+500W	650W+650W	750W+750W
Power/2Ω EIA 1 kHz 1% THD	N/A	N/A	500W+500W
Typical Distortion	0.05%		
Frequency Response (8 ohms)	20 Hz-20 kHz, ±0.2 dB		
Damping Factor (8 ohms)	>600		
Noise (20 Hz-20 kHz, 32 dB Gain)	< 1mv		
Maximum Gain (1.2V setting)	32dB		
DSP			
Analog Inputs and output (single ended)	1 in 2 out		
Input-to-output latency	420μs		
Gain	36dB		
Dynamic Range (unity gain)	typ.95dB(A)		
THD (@ 0dBu, 1kHz, unity gain)	< 0.01%		
Frequency Response	20 Hz-20 kHz, ±0.5 dB		
Sample rate	48kHz		
Delay	10ms		
PEQ (each input and output)	7		
Grouping EQ (each input)	7		
Crossover (each input, LPF and HPF)	24dB/Oct		
Crossover (each output, LPF and HPF)	Butterworth,Linkwitz,Bessel 6dB/oct~24dB/oct		
Limiter attack	8040 db		
Limiter release	23 db		
S/N	101dB		
noiseGata	-100-0dB		
Fir	NA		
Size	W: 301mm , D: 142mm , H: 60 mm		



开关, 可切换110V, 220V
Switch, switchable 110V, 220V



变速风扇散热
Variable Speed Fan Cooling



LLC开关电源
LLC Switch Power



电路硬件保护
Circuit hardware protection

搭配可选:



多种DSP可选
Multiple DSP Options Available



模拟前级处理器
Analog Front-End Processor



产品定制
Product Customization

PDA4800+CQ380

Active Speaker Amplifier
有源模块系列

dBa

产品参数

型号(Model)	PDA4600+CQ380	PDA4800+CQ380
Audio		
Power/8Ω EIA 1 kHz 1% THD	600Wx4	800Wx4
Power/4Ω EIA 1 kHz 1% THD	900Wx4	1200Wx4
Typical Distortion	0.05%	
Frequency Response (8 ohms)	27 Hz-20 kHz, ±0.2 dB / 28 Hz-20 kHz, ±0.2 dB	
Damping Factor (8 ohms)	>600	
Noise (20 Hz-20 kHz, 32 dB Gain)	< 1mv	
Maximum Gain (1.2V setting)	30dB	
DSP		
Analog Inputs and output (single ended)	2 in 4 out	
Input-to-output latency	510μs	
Gain	36dB	
Dynamic Range (unity gain)	typ.106dB(A)	
THD (@ 0dBu, 1kHz, unity gain)	< 0.01%	
Frequency Response	20 Hz-20 kHz, ±0.5 dB	
Sample rate	96kHz	
Delay	100ms	
PEQ (each input and output)	7	
Grouping EQ (each input)	31	
Crossover (each input, LPF and HPF)	Butterworth,Linkwitz,Bessel 6dB/oct~48dB/oct	
Crossover (each output, LPF and HPF)	Butterworth,Linkwitz,Bessel 6dB/oct~48dB/oct	
Limiter attack	8040 db	
Limiter release	23 db	
S/N	114dB	
noiseGata	-100-0dB	
Fir	1024(4*256)taps	
Size	W: 360 mm , D: 300 mm , H: 82 mm	



变速风扇散热
Variable Speed Fan Cooling



LLC开关电源
LLC Switch Power



电路硬件保护
Circuit hardware protection

搭配可选:



多种DSP可选
Multiple DSP Options Available



模拟前级处理器
Analog Front-End Processor



产品定制
Product Customization

PDA1001超低前级

Active Speaker Amplifier
有源模块系列

dBa

产品参数

型号(Model)	PDA601+超低前级	PDA801+超低前级	PDA1001+超低前级
Audio			
Power/8Ω EIA 1 kHz 1% THD	600Wx1	800Wx1	1000Wx1
Power/4Ω EIA 1 kHz 1% THD	900Wx1	1200Wx1	1200Wx1
Typical Distortion	0.05%		
Frequency Response (8 ohms)	20 Hz-20 kHz, ±0.2 dB		
Damping Factor (8 ohms)	>600		
Noise (20 Hz-20 kHz, 32 dB Gain)	< 1mv		
Maximum Gain (1.2V setting)	32dB		
DSP			
Analog Inputs and output (single ended)	1 in 1 out		
Input-to-output latency	NA		
Gain	NA		
Dynamic Range (unity gain)	NA		
THD (@ 0dBu, 1kHz, unity gain)	NA		
Frequency Response	NA		
Sample rate	NA		
Delay	NA		
PEQ (each input and output)	NA		
Grouping EQ (each input)	NA		
Crossover (each input, LPF and HPF)	NA		
Crossover (each output, LPF and HPF)	high cut&low cut		
Limiter attack	NA		
Limiter release	NA		
S/N	NA		
noiseGata	NA		
Fir	NA		
Size	W: 360mm , D: 142mm , H: 65 mm		



变速风扇散热
Variable Speed Fan Cooling



LLC开关电源
LLC Switch Power



电路硬件保护
Circuit hardware protection

搭配可选:



模拟前级处理器
Analog Front-End Processor



产品定制
Product Customization

PDA1001全频前级

Active Speaker Amplifier
有源模块系列

dBa

产品参数

型号(Model) PDA601+全频前级 PDA801+全频前级 PDA1001+全频前级

Audio

Power/8Ω EIA 1 kHz 1% THD	600Wx1	800Wx1	1000Wx1
Power/4Ω EIA 1 kHz 1% THD	900Wx1	1200Wx1	1200Wx1
Typical Distortion	0.05%		
Frequency Response (8 ohms)	20 Hz-20 kHz, ±0.2 dB		
Damping Factor (8 ohms)	>600		
Noise (20 Hz-20 kHz, 32 dB Gain)	< 1mv		
Maximum Gain (1.2V setting)	32dB		

DSP

Analog Inputs and output (single ended)	1 in 1 out
Input-to-output latency	NA
Gain	NA
Dynamic Range (unity gain)	NA
THD (@ 0dBu, 1kHz, unity gain)	NA
Frequency Response	NA
Sample rate	NA
Delay	NA
PEQ (each input and output)	NA
Grouping EQ (each input)	NA
Crossover (each input, LPF and HPF)	NA
Crossover (each output, LPF and HPF)	high cut&low cut
Limiter attack	NA
Limiter release	NA
S/N	NA
noiseGata	NA
Fir	NA

Size W: 360mm , D: 142mm , H: 65 mm



变速风扇散热
Variable Speed Fan Cooling



LLC开关电源
LLC Switch Power



电路硬件保护
Circuit hardware protection

搭配可选:



多种DSP可选
Multiple DSP Options Available



模拟前级处理器
Analog Front-End Processor



产品定制
Product Customization

PAL750+CQ190

Active Speaker Amplifier
有源模块系列

dBa

产品参数

型号(Model)	PAL500+CQ190	PAL750+CQ190
Audio		
Power/8Ω EIA 1 kHz 1% THD	200W+80W	400W+100W
Power/4Ω EIA 1 kHz 1% THD	400W+80W	650W+100W
Typical Distortion	0.05%	
Frequency Response (8 ohms)	HF&LF	
Damping Factor (8 ohms)	>300	
Noise (20 Hz-20 kHz, 32 dB Gain)	< 1mv	
Maximum Gain (1.2V setting)	28dB	
DSP		
Analog Inputs and output (single ended)	1 in 2 out	
Input-to-output latency	380μs	
Gain	60dB	
Dynamic Range (unity gain)	typ.95dB(A)	
THD (@ 0dBu, 1kHz, unity gain)	< 0.02%	
Frequency Response	20 Hz-20 kHz, ±0.5 dB	
Sample rate	48kHz	
Delay	2ms	
PEQ (each input and output)	7	
Grouping EQ (each input)	7	
Crossover (each input, LPF and HPF)	24dB/Oct	
Crossover (each output, LPF and HPF)	24dB/Oct	
Limiter attack	10240db/s	
Limiter release	23 db	
S/N	80dB	
noiseGata	NA	
Fir	NA	
Size	W: 420mm , D: 162mm , H: 65 mm	



直通+旁通输出
Through + bypass output



LLC开关电源
LLC Switch Power



电路硬件保护
Circuit hardware protection

搭配可选:



产品定制
Product Customization



03 /

Active Module Amplifier 模块系列

我们在提供原有高质量功放的基础上，也支持定制，出于我们对功放的独特理解，定制化同样是我们的服务重点。

In addition to providing our existing high-quality amplifiers, we also offer customization. Due to our unique understanding of amplifiers, customization is also a key focus of our services.

PFA2K4

Amplifier Module
模块系列

dBa

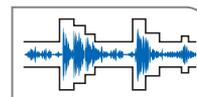
产品参数

型号(Model)	PFA2K4	PFA3K4
OUTPUT POWER PER CHANNEL, STEREO MODE, both channels driven		
8Ω EIA 1 kHz 1% THD	500Wx4	650Wx4
4Ω EIA 1 kHz 1% THD	800Wx4	1000Wx4
OUTPUT POWER, BRIDGE MONO MODE		
8Ω EIA 1 kHz 1% THD	1500Wx2	2000Wx2
Typical Distortion		
8 ohms	0.05	
4 ohms	0.1	
Maximum Distortion (20 Hz~20 kHz, 1 dB below rated power)		
4 to 8 ohms	0.05%	
Frequency Response (8 ohms)	20 Hz-20 kHz, ±0.2 dB	
Noise (20 Hz~20 kHz, 32 dB Gain)	< 1mv	
Damping Factor (8 ohms)	>600	
Output Circuitry	Class D	
Input Sensitivity		
26 dB Setting	1V	
32 dB Setting	2.67V	
Maximum Gain (1.2V setting)	36dB	
Maximum Input Level		
1.2V setting	10 V (+22 dBu)	
AC Power Requirements		
120V 50/60 Hz	20A	
230V 50 Hz	10A	
Weight	1.5KG	
Size	W: 245mm , D: 123mm , H: 51mm	

NEW



绿色音频功放
Green Audio Power Amplifier



SRM智能音轨管理
SRM Intelligent Audio Track Manage



功率因数校正
Power Factor Correction



高效能/低功耗
High performance/Low power consumption



电磁干扰安全认证
EMI Security Certification



电路硬件保护
Circuit hardware protection

PFA8000

Amplifier Module
模块系列

dBa

产品参数

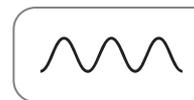
型号(Model)	PFA8000
OUTPUT POWER PER CHANNEL, STERO MODE, both channels driven	
8Ω EIA 1 kHz 1% THD	1300Wx4
4Ω EIA 1 kHz 1% THD	1500Wx4
OUTPUT POWER, BRIDGE MONO MODE	
8Ω EIA 1 kHz 1% THD	3000Wx2
Typical Distortion	
8 ohms	0.05
4 ohms	0.1
Maximum Distortion (20 Hz~20 kHz, 1 dB below rated power)	
4 to 8 ohms	0.05%
Frequency Response (8 ohms)	20 Hz-20 kHz, ±0.2 dB
Noise (20 Hz~20 kHz, 32 dB Gain)	< 1mv
Damping Factor (8 ohms)	>600
Output Circuitry	Class D
Input Sensitivity	
26 dB Setting	1V
32 dB Setting	2.67V
Maximum Gain (1.2V setting)	36dB
Maximum Input Level	
1.2V setting	10 V (+22 dBu)
AC Power Requirements	
120V 50/60 Hz	20A
230V 50 Hz	10A
Weight	2.2KG / 2.5KG
Size	W: 305mm , D: 436mm , H: 89mm



功率因数校正
Power Factor Correction



绿色音频功放
Green Audio Power Amplifier



频率固定
Frequency-Locked Device



高效能/低功耗
High performance/Low power consumption



一机多用
Multi-functional Device



电路硬件保护
Circuit hardware protection

PFA6000

Amplifier Module
模块系列

dBa

产品参数

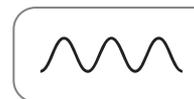
型号(Model)	PFA6000
OUTPUT POWER PER CHANNEL, STEREO MODE, both channels driven	
8Ω EIA 1 kHz 1% THD	1350Wx2
4Ω EIA 1 kHz 1% THD	2000Wx2
OUTPUT POWER, BRIDGE MONO MODE	
8Ω EIA 1 kHz 1% THD	4000Wx1
Typical Distortion	
8 ohms	0.05
4 ohms	0.1
Maximum Distortion (20 Hz~20 kHz, 1 dB below rated power)	
4 to 8 ohms	0.05%
Frequency Response (8 ohms)	20 Hz-20 kHz, ±0.2 dB
Noise (20 Hz~20 kHz, 32 dB Gain)	< 1mv
Damping Factor (8 ohms)	>600
Output Circuitry	Class D
Input Sensitivity	
26 dB Setting	1V
32 dB Setting	2.67V
Maximum Gain (1.2V setting)	36dB
Maximum Input Level	
1.2V setting	10 V (+22 dBu)
AC Power Requirements	
120V 50/60 Hz	20A
230V 50 Hz	10A
Weight	1.8KG
Size	W: 248mm , D: 122mm , H: 62 mm



功率因数校正
Power Factor Correction



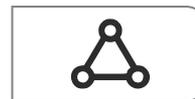
绿色音频功放
Green Audio Power Amplifier



频率固定
Frequency-Locked Device



高效能/低功耗
High performance/Low power consumption



一机多用
Multi-functional Device



电路硬件保护
Circuit hardware protection

PFA3001

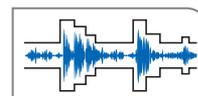
Amplifier Module
模块系列

dBa

产品参数

型号(Model)	PFA2001	PFA3001
OUTPUT		
Power/8Ω RMS 1 kHz 1% THD	1500Wx1	2000Wx1
Power/4Ω EIAJ 1 kHz 1% THD	2600Wx1	3600Wx1
Power/2Ω EIAJ 1 kHz 1% THD	3200Wx1	5000Wx1
Typical Distortion		
8 ohms	0.05	
4 ohms	0.1	
Maximum Distortion (20 Hz–20 kHz, 1 dB below rated power)		
4 to 8 ohms	0.05%	
Frequency Response (8 ohms)	20 Hz-20 kHz, ±0.2 dB	
Noise (20 Hz–20 kHz, 32 dB Gain)	< 1mv	
Damping Factor (8 ohms)	>600	
Output Circuitry	Class D	
Input Sensitivity		
26 dB Setting	1V	
32 dB Setting	2.67V	
Maximum Gain (1.2V setting)	32dB / 32dB / 34dB	
Maximum Input Level		
1.2V setting	10 V (+22 dBu)	
AC Power Requirements		
120V 50/60 Hz	15A / 20A	
230V 50 Hz	10A	
Weight	1.5KG	
Size	W: 244mm , D: 110mm , H: 60 mm	

NEW



SRM智能音轨管理
SRM Intelligent Audio Track Manage



功率因数校正
Power Factor Correction



绿色音频功放
Green Audio Power Amplifier



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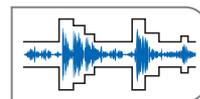
PFA3002

Amplifier Module
模块系列

dBa

产品参数

型号(Model)	PFA3002
OUTPUT POWER PER CHANNEL, STEREO MODE, both channels driven	
8Ω EIA 1 kHz 1% THD	1000Wx2
4Ω EIA 1 kHz 1% THD	1800Wx2
OUTPUT POWER, BRIDGE MONO MODE	
8Ω EIA 1 kHz 1% THD	3600Wx1
Typical Distortion	
8 ohms	0.05
4 ohms	0.1
Maximum Distortion (20 Hz–20 kHz, 1 dB below rated power)	
4 to 8 ohms	0.05%
Frequency Response (8 ohms)	20 Hz-20 kHz, ±0.2 dB
Noise (20 Hz–20 kHz, 32 dB Gain)	< 1mv
Damping Factor (8 ohms)	>600
Output Circuitry	Class D
Input Sensitivity	
26 dB Setting	1V
32 dB Setting	2.67V
Maximum Gain (1.2V setting)	32dB / 32dB / 34dB
Maximum Input Level	
1.2V setting	10 V (+22 dBu)
AC Power Requirements	
120V 50/60 Hz	15A / 20A
230V 50 Hz	10A
Weight	1.5KG
Size	W: 244mm , D: 110mm , H: 60 mm



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SRM Intelligent Audio Track Manage



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Power Factor Correction



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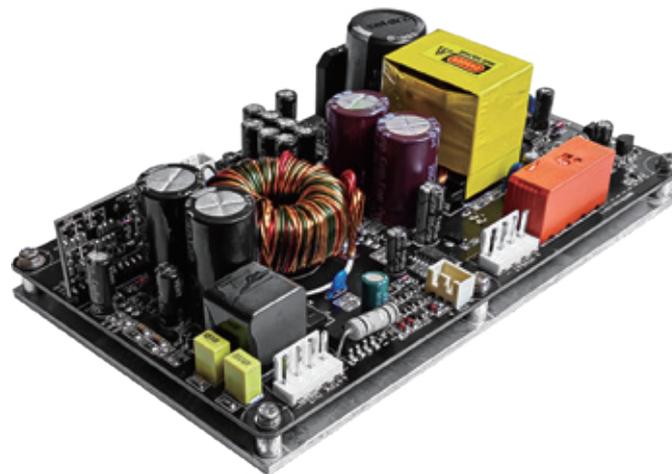
DC150

Amplifier Module
模块系列

dBa

产品参数

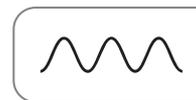
型号(Model)	DC150
OUTPUT POWER PER CHANNEL, STEREO MODE, both channels driven	
Mono model 1% THD 230V AC (8Ω)	100W
Mono model 1% THD 230V AC (4Ω)	150W
Output Circuitry	Class D (full band with PWM modulator with ultra low distortion)
Signal To Noise Ratio	>100 dB (A-weighted, 20 Hz - 20 kHz)
THD+N (typical)	< 0.05 % (20 Hz - 20 kHz)
Frequency Response	20 Hz~20 kHz, ± 1 dB
Protection Circuits	Input limiter, short circuit protection, DC protection of output, intelligent mainsfuseprotection,powerstageoverload protection, temperatureprotection of transformers and heat-sinks.
Power Supply	switch power supply, AC 120V 50/60Hz 3A, AC 230V 50Hz 2A
Battery	12v~14.4v 10A
AC IN	100V~240V
SW	DC POWER NO /OFF
DC	OUT +15V/-15V 500ma; +5v300ma
DC INPUT	12V~15V 10A/H
Size	160x98x48.5mm
Weight	1.1Kg
Size	W: 160mm , D: 98mm , H: 20 mm



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PDA280

Amplifier Module
模块系列

dBa

产品参数

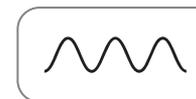
型号(Model)	PDA280
OUTPUT POWER PER CHANNEL, STEREO MODE, both channels driven	
8Ω EIA 1 kHz 1% THD	100Wx2
4Ω EIA 1 kHz 1% THD	200Wx2
OUTPUT POWER, BRIDGE MONO MODE	
8Ω EIA 1 kHz 1% THD	300Wx1
Typical Distortion	
8 ohms	0.05
4 ohms	0.1
Maximum Distortion (20 Hz–20 kHz, 1 dB below rated power)	
4 to 8 ohms	0.05%
Frequency Response (8 ohms)	20 Hz-20 kHz, ±0.2 dB
Noise (20 Hz–20 kHz, 32 dB Gain)	< 1mv
Damping Factor (8 ohms)	>600
Output Circuitry	Class D
Input Sensitivity	
26 dB Setting	1V
32 dB Setting	2.67V
Maximum Gain (1.2V setting)	36dB
Maximum Input Level	
1.2V setting	10 V (+22 dBu)
AC Power Requirements	
120V 50/60 Hz	10A
230V 50 Hz	6.3A
Weight	0.5KG
Size	W: 154mm , D: 65mm , H: 43 mm



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PDA1001

Amplifier Module
模块系列

dBa

产品参数

型号(Model)	PDA601	PDA801	PDA1001
OUTPUT POWER PER CHANNEL, STERO MODE, both channels driven			
8Ω EIA 1 kHz 1% THD	600Wx1	800Wx1	1000Wx1
4Ω EIA 1 kHz 1% THD	900Wx1	1200Wx1	1200Wx1
OUTPUT POWER, BRIDGE MONO MODE			
8Ω EIA 1 kHz 1% THD	NA		
Typical Distortion			
8 ohms	0.05		
4 ohms	0.1		
Maximum Distortion (20 Hz–20 kHz, 1 dB below rated power)			
4 to 8 ohms	0.05%		
Frequency Response (8 ohms)	20 Hz-20 kHz, ±0.2 dB		
Noise (20 Hz–20 kHz, 32 dB Gain)	< 1mv		
Damping Factor (8 ohms)	>600		
Output Circuitry	Class D		
Input Sensitivity			
26 dB Setting	1V		
32 dB Setting	2.67V		
Maximum Gain (1.2V setting)	30dB		
Maximum Input Level			
1.2V setting	10 V (+22 dBu)		
AC Power Requirements			
120V 50/60 Hz	10A		
230V 50 Hz	6.3A		
Weight	1KG		
Size	W: 206mm , D: 107mm , H: 55 mm		



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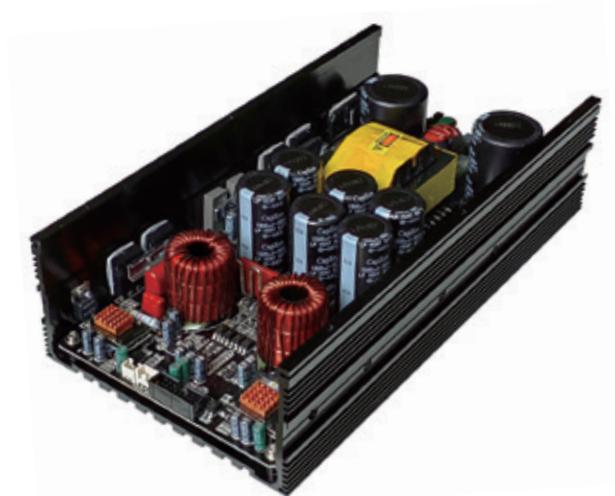
PDA3000

Amplifier Module
模块系列

dBa

产品参数

型号(Model)	PDA2000	PDA2600	PDA3000	PDA4000
OUTPUT POWER PER CHANNEL, STERO MODE, both channels driven				
8Ω EIA 1 kHz 1% THD	600Wx2	800Wx2	1000Wx2	1300Wx2
4Ω EIA 1 kHz 1% THD	900Wx2	1200Wx2	1500Wx2	2000Wx2
OUTPUT POWER, BRIDGE MONO MODE				
8Ω EIA 1 kHz 1% THD	2000Wx1	2600Wx1	3000Wx1	4000Wx1
Typical Distortion				
8 ohms	0.05			
4 ohms	0.1			
Maximum Distortion (20 Hz–20 kHz, 1 dB below rated power)				
4 to 8 ohms	0.05%			
Frequency Response (8 ohms)	20 Hz-20 kHz, ±0.2 dB			
Noise (20 Hz–20 kHz, 32 dB Gain)	< 1mv			
Damping Factor (8 ohms)	>600			
Output Circuitry	Class D			
Input Sensitivity				
26 dB Setting	1V			
32 dB Setting	2.67V			
Maximum Gain (1.2V setting)	32dB / 32dB / 34dB			
Maximum Input Level				
1.2V setting	10 V (+22 dBu)			
AC Power Requirements				
120V 50/60 Hz	15A / 20A			
230V 50 Hz	10A			
Weight	1.5KG			
Size	W: 265mm , D: 140mm , H: 70 mm			



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PDA1300

Amplifier Module
模块系列

dBa

产品参数

型号(Model)	PDA1000	PDA1300	PDA1500
OUTPUT POWER PER CHANNEL, STEREO MODE, both channels driven			
8Ω EIA 1 kHz 1% THD	300Wx2	400Wx2	500Wx2
4Ω EIA 1 kHz 1% THD	500Wx2	650Wx2	750Wx2
4Ω EA 1 KHZ 1% THD	N/A	N/A	500Wx2
OUTPUT POWER, BRIDGE MONO MODE			
8Ω EIA 1 kHz 1% THD	1000Wx1	1300Wx1	
Typical Distortion			
8 ohms	0.05		
4 ohms	0.1		
Maximum Distortion			
(20 Hz–20 kHz, 1 dB below rated power)			
4 to 8 ohms	0.05%		
Frequency Response (8 ohms)	20 Hz-20 kHz, ±0.2 dB		
Noise (20 Hz–20 kHz, 32 dB Gain)	< 1mv		
Damping Factor (8 ohms)	>600		
Output Circuitry	Class D		
Input Sensitivity			
26 dB Setting	1V		
32 dB Setting	2.67V		
Maximum Gain (1.2V setting)	30dB		
Maximum Input Level			
1.2V setting	10 V (+22 dBu)		
AC Power Requirements			
120V 50/60 Hz	10A		
230V 50 Hz	6.3A		
Weight	0.75KG		
Size	W: 206mm , D: 106mm , H: 58 mm		



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PHA1001

PM Amplifier
专业广播功放

OMNIB®

产品参数

型号(Model)	PHA201	PHA301	PHA601	PHA801	PHA1001	PHA2001
100VOUT 1 kHz 1% THD	200Wx1	300Wx1	600Wx1	800Wx1	1000Wx1	2000Wx1
Frequency	20Hz-20KHz(+/-2dB)					
Typical Distortion						
100VOUT	0.5%					
Maximum Distortion (20 Hz-20 kHz, 1 dB below rated power)	1%					
Frequency Response (8 ohms)	20 Hz-20 kHz, ±0.2 dB					
Noise (20 Hz-20 kHz, 32 dB Gain)	< 1mv					
Damping Factor (8 ohms)	> 600					
Output Circuitry	Class D					
Input Sensitivity						
26 dB Setting	1V					
32 dB Setting	2.67V					
Maximum Gain (1.2V setting)	30dB					
Maximum Input Level						
1.2V setting	10 V (+22 dBu)					
AC Power Requirements						
120V 50/60 Hz	10A					
230V 50 Hz	6.3A					
Weight	1KG					
Size	W: 206mm , D: 107mm , H: 55 mm					



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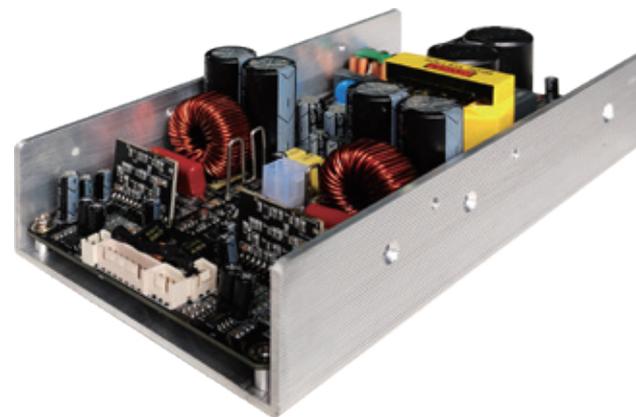
UDA800

Amplifier Module
模块系列

dBa

产品参数

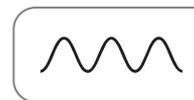
型号(Model)	UDA600	UDA800
OUTPUT POWER PER CHANNEL, STEREO MODE, both channels driven		
8Ω EIA 1 kHz 1% THD	200Wx2	260Wx2
4Ω EIA 1 kHz 1% THD	300Wx2	400Wx2
OUTPUT POWER, BRIDGE MONO MODE		
8Ω EIA 1 kHz 1% THD	600Wx1	800Wx1
Typical Distortion		
8 ohms	0.05	
4 ohms	0.1	
Maximum Distortion (20 Hz~20 kHz, 1 dB below rated power)		
4 to 8 ohms	0.05%	
Frequency Response (8 ohms)	20 Hz-20 kHz, ±0.2 dB	
Noise (20 Hz~20 kHz, 32 dB Gain)	< 1mv	
Damping Factor (8 ohms)	>600	
Output Circuitry	Class D	
Input Sensitivity		
26 dB Setting	1V	
32 dB Setting	2.67V	
Maximum Gain (1.2V setting)	30dB	
Maximum Input Level		
1.2V setting	10 V (+22 dBu)	
AC Power Requirements		
120V 50/60 Hz	8A	
230V 50 Hz	5A	
Weight	0.75KG	
Size	W: 206mm , D: 107mm , H: 55 mm	



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04 / DSP DSP系列

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Equipped with our self-developed DSP, it can be paired with various modules to deliver the best sound performance anytime, anywhere.

产品参数

型号(Model)	PSP808
Analog Inputs Outputs(single ended)	8 in 8 out
Max. Input Level	20
Input Impedance (single ended)	10
Maximum Output Level (default setting)	20
Input-to-output latency	510us
Gain	3dB-10dB
Dynamic Range (unity gain)	typ106
THD (@ 0dBu, 1kHz, unity gain)	< 0.01
Frequency Response	10...20k
DSP	24 bit
Sample rate	96
Presets	32
Delay	2000ms
PEQ (each input and output)	9
Grouping EQ (each input)	31
Crossover (each input, LPF and HPF)	Butterworth,Linkwitz,Bessel
Crossover (each output, LPF and HPF)	6dB/oct~48dB/oct
Limiter attack	8040 db
Limiter release	23 db
S/N	115
noiseGata	-100-0
fir	1024(4*256)
AES	✓
Dante	○
Touch screen	✓



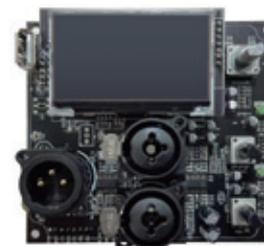
PSP808

产品参数

型号(Model)	CQ380	CQ160	CQ190
Analog Inputs Outputs(single ended)	2 in 4 out	1 in 2 out	1 in 2 out
Dynamic Range	typ. 110	typ. 60	typ. 60
Max. Input Level	20	20	20
Input Impedance (single ended)	10	10	10
Dynamic Range	typ.100	typ.90	typ.90
Maximum Output Level (default setting)	20	10	10
Source Impedance	200/100	200/470	200/470
Input-to-output latency	510	380	380
Gain	36	60	60
Dynamic Range (unity gain)	typ106	typ95	typ.95
THD (@ 0dBu, 1kHz, unity gain)	< 0.01	< 0.02	< 0.02
Frequency Response	10...20k	10...20k	10...20k
DSP	24 bit	24 bit	24 bit
Sample rate	96	48	48
Presets	8	24	24
Delay	70	2	2
PEQ (each input and output)	7	7	7
Grouping EQ (each input)	31	7	7
Crossover (each input, LPF and HPF)	Butterworth,Linkwitz,Bessel	24	24
Crossover (each output, LPF and HPF)	6dB/oct~48dB/oct	24	24
Limiter attack	8040 db	10240 db	10240db
Limiter release	23 db	23 db	23
S/N	116	80	80
noiseGata	-100-0		
fir	1024(4*256)		



CQ380



CQ160



CQ190

产品参数

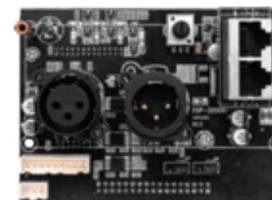
Model	CQ260	CQ260D	CQ260DA
Analog Inputs Outputs(single ended)	1 in 2 out	1 in 3 out	1 in 3 out
Dynamic Range	typ. 100	typ. 100	typ. 100
Max. Input Level	16	16	16
Input Impedance (single ended)	10	10	10
Dynamic Range	typ.100	typ.100	typ.100
Maximum Output Level (default setting)	15	15	15
Source Impedance	200/100	200/100	200/100
Input-to-output latency	420	420	420
Gain	36	36	36
Dynamic Range (unity gain)	typ.95	typ.95	typ.95
THD (@ 0dBu, 1kHz, unity gain)	< 0.01	< 0.01	< 0.01
Frequency Response	10 ..20k	10 ..20k	10.. 20k
DSP	24 bit	24 bit	24 bit
Sample rate	48	48	48
Presets	4	4	4
Delay	10	10	10
PEQ (each input and output)	7	7	7
Grouping EQ (each input)	7	7	7
Crossover (each input, LPF and HPF)	24	24	24
Crossover (each output, LPF and HPF)	Butterworth Linkwitz,Bessel 6dB/oct~24dB/oct	Butterworth Linkwitz,Bessel 6dB/oct~24dB/oct	Butterworth Linkwitz,Bessel 6dB/oct~24dB/oct
Limiter attack	8040 db	8040 db	8040 db
Limiter release	23 db	23 db	23 db
S/N	101	101	116
noiseGata	-100-0	-100-0	-100-0
fir			



CQ260



CQ260D



CQ260DA

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