

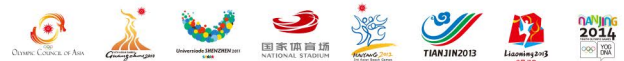


应用范围 Application

- ▶ 会议室、多功能报告厅、体育场馆、酒吧、慢摇吧、KTV、剧院
- ▶ Conference Room, Multi-function Hall, Stadium, Bar, KTV, Theater

产品特性 Features

- ▶ 拥有模块化集成技术，精确的放大能力，对声音密度真实还原。
- ▶ 采用多环路调控技术，使功放拥有超过95%的工作效率，同时具有出色的稳定性。
- ▶ 全功能保护电路，包括电源低压保护、功放输出直流保护、过热保护、温度功率控制、过载功率控制。
- ▶ 采用有源PFC和软开关电源技术，能适应恶劣的电网环境，为功放提供持续澎湃的动力。
- ▶ 具备可靠性高、功率足、音色出众、适应能力强等特点，稳定可靠的2Ω驱动能力，满足不同类型扩声系统应用需求。
- ▶ 1U机身高度设计，体积小、重量轻、高效等特性可以节约运输、搬运、安装的应用成本。
- ▶ With modular integration technology, accurate amplification capability, high reduction of sound density.
- ▶ Using multi-loop control technology, working very stable and efficiency more than 95%.
- ▶ The performance of the machine is more secure with low voltage protection, dc protection, overheat protection, temperature control, overload control.
- ▶ Using active PFC and soft switching power technology, it can adapt to harsh environment and provide dynamic power for the amplifier.
- ▶ with high reliability and full power and outstanding performance, stable and reliable 2Ω drive ability, satisfy different types of sound reinforcement system Application requirements.
- ▶ 1U house design, small size, light weight, high efficiency, save cost for transportation and installation.



参数规格 Specifications

型号	DA30.2	DA20.4	DA15.4	DA20.2	DA6.4	DA6.2	DA2.4	
输出功率	8Ω立体声功率	2×3000W	4×2000W	4×1500W	2×2000W	4×650W	2×650W	4×250W
	4Ω立体声功率	2×5100W	4×3400W	4×2550W	2×3400W	4×1100W	2×1100W	4×420W
	2Ω立体声功率	2×7140W	4×4760W	4×3570W	2×4760W	4×1870W	2×1870W	4×720W
	16Ω桥接	1×6000W	2×4000W	2×3000W	1×4000W	2×1300W	1×1300W	2×500W
	8Ω桥接	1×10200W	2×6800W	2×5100W	1×6800W	2×2200W	1×2200W	2×850W
	4Ω桥接	1×14280W	2×9520W	2×7140W	1×9520W	2×3740W	1×3740W	2×1440W
RMS输出电压	154.9V	126.5V	109.5V	126.5V	7.1V	72.1V	44.7V	
信噪比	≥109dB	≥107.5dB	≥108.5dB	≥107.5dB	≥107.5dB	≥107dB	≥105dB	
输入灵敏度	可选择				可选择		可选择	
	41dB/38dB/35dB/32dB				38dB/35dB/32dB/29dB		35dB/32dB/29dB/26dB	
频响	20Hz~20kHz(±1dB)						20Hz~20kHz(±0.2dB)	
上升斜率	50V/us							
THD+N	0.1%				<0.05%			
串扰抑制	≥90dB							
输入阻抗	20KΩ(平衡), 10KΩ(非平衡)							
阻尼系数	≥5000							
电源要求	90~260VAC,50~60Hz							
保护功能	电源欠压保护、功放输出直流保护、过热保护、温度功率控制、过载功率控制							
尺寸(H×W×D)	45×483×461mm				45×483×372mm			
重量	12kg				9kg			

Model number	DA30.2	DA20.4	DA15.4	DA20.2	DA6.4	DA6.2	DA2.4	
Output power	8Ω stereo power	2×3000W	4×2000W	4×1500W	2×2000W	4×650W	2×650W	4×250W
	4Ω stereo power	2×5100W	4×3400W	4×2550W	2×3400W	4×1100W	2×1100W	4×420W
	2Ω stereo power	2×7140W	4×4760W	4×3570W	2×4760W	4×1870W	2×1870W	4×720W
	16Ω stereo power	1×6000W	2×4000W	2×3000W	1×4000W	2×1300W	1×1300W	2×500W
	8Ω stereo power	1×10200W	2×6800W	2×5100W	1×6800W	2×2200W	1×2200W	2×850W
	4Ω stereo power	1×14280W	2×9520W	2×7140W	1×9520W	2×3740W	1×3740W	2×1440W
RMS output voltage	154.9V	126.5V	109.5V	126.5V	72.1V	72.1V	44.7V	
S/N Ratio	≥109dB	≥107.5dB	≥108.5dB	≥107.5dB	≥107.5dB	≥107dB	≥105dB	
Input Sensitivity	Optional				Optional		Optional	
	41dB/38dB/35dB/32dB				38dB/35dB/32dB/29dB		35dB/32dB/29dB/26dB	
Frequency response	20Hz~20kHz(±1dB)						20Hz~20kHz(±0.2dB)	
Slew Rate	50V/us							
THD+N	0.1%				<0.05%			
ICrosstalk reduction	≥90dB							
Input impedance	20KΩ(balance), 10KΩ(unbalance)							
Dampering factor	≥5000							
Power Supply	90~260VAC,50~60Hz							
Protect	Power supply under voltage protection,power amplifier output DC protection,overheat protection,temperature and power control,overload power control							
Dimension(H×W×D)	45×483×461mm				45×483×372mm			
Weight	12kg				9kg			



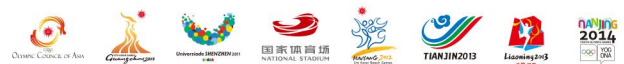


应用范围 Application

- ▶ 会议室、多功能报告厅、体育场馆、酒吧、慢摇吧、KTV、剧院
- ▶ Conference Room, Multi-function Hall, Stadium, Bar, KTV, Theater

产品特性 Features

- ▶ 内置4进4出数字处理 (DSP) 模块, 96kHz采样频率, 64位A/D及D/A转换的DSP芯片处理器, 114dB(A)动态范围(输入)/114dB(A)动态范围(输出);每输入通道8段参量均衡, 输出通道5段参量均衡 (Bell, Hi-Shelf, Lo-Shelf, Allpass-全通滤波等)。
- ▶ 前面板带LCD显示屏实时显示系统参数, 可以通过电脑 (PC) 与设备后面板Ethernet网络接口进行单台或多台设备连接, 实时远程控制 (增益、静音、分频、均衡、预设等) 及状态监控。
- ▶ 采用高性能革新D类功放技术、多环路调控技术, 全功能保护电路, 包括电源低压保护、功放输出直流保护、过热保护、温度功率控制、过载功率控制, 保证最大可靠性。
- ▶ 1U机身高度设计, 体积小、重量轻、高效等特性可以节约运输、搬运、安装的应用成本。
- ▶ Built-in 4 in 4 out digital processor (DSP) module, with 96kHz sampling rate, 64 bit DSP chip processor with A/D & D/A switching, 114dB(A) dynamic range (input)/114dB(A)dynamic range(output); 8-segment parameter equilibrium of each input channel, and 5-segment parameter equilibrium of the output channel(Bell, Hi-Shelf, Lo-Shelf, Allpass filter).
- ▶ Front panel with LCD display for real time system parametric. It could be connected with one or more equipment by PC and rear panel then to realize real time remote control .
- ▶ Apply with innovation Class-D technology, adjust and control technology, full-featured protective circuit(includes low-voltage protect, amplifier output DC protect, over-heat protect, temperature power control, over-load control)
- ▶ 1U design for more cost-effective in shipping, carrying and installation.



参数规格 Specifications

型号(Model number)	DA20.4-D	DA15.4-D	DA20.2-D	DA6.4-D	
输出功率(Output power)	8Ω立体声功率 (stereo power)	2000W×4	1500W×4	2000W×2	650W×4
	4Ω立体声功率 (stereo power)	3400W×4	2550W×4	3400W×2	1100W×4
	2Ω立体声功率 (stereo power)	5780W×4	4335W×4	5780W×2	1870W×4
	16Ω桥接 (bridge power)	4000W×2	3000W×2	4000W×1	1300W×2
	8Ω桥接 (bridge power)	6800W×2	5100W×2	6800W×1	2200W×2
	4Ω桥接 (bridge power)	11560W×2	8670W×2	11560W×1	3740W×2
	100V定压功率(constant voltage power)	3400W×4	2500W×4	3400W×2	/
	70V定压功率(constant voltage power)	2000W×4	1500W×4	2000W×2	1100W×4
频率响应(Frequency response)	20Hz-20kHz(+0dB/-0.5dB)				
总谐波失真(THD)	0.05%				
信噪比(S/N ratio)	≥105dB				
功率增益选择(Power gain)	24~42dB	23~41dB	24~42dB	19~37dB	
输入阻抗(Input impedance)	20kΩ平衡(balance) /10kΩ非平衡(unbalance)				
模拟输入接口 (Analog input interface)	4×XLR卡侬插座 (4×XLR Cannon socket)	2×XLR卡侬插座(2×XLR Cannon socket)	4×XLR卡侬插座(4×XLR Cannon socket)		
控制接口(Control interface)	2×RJ45				
输出接口(Output interface)	4×Neutrik Powercon四芯音箱插座(4 core speaker socket)	2×Neutrik Powercon 四芯音箱插座(4 core speaker socket)	4×Neutrik Powercon 四芯音箱插座(4 core speaker socket)		
工作模式(Working mode)	可选定阻模式 (2~16Ω) Fixed resistance mode (2~16Ω) input				
	定压模式(100V或70V)输出 Fixed pressure mode (100V or 70V) input		定压模式(70V)输出 Fixed pressure mode(70V)input		
DSP处理(DSP processing)	4进4出(4 in 4 ou)	4进4出(4 in 4 ou)	2进2出(2 in 2 ou)	4进4出(4 in 4 ou)	
	带信号混音、FIR滤波器、相位、输入8段参量均衡、输出5段参量均衡、延时器、压限器功能 (With signal mixing, FIR filter, phase position, input 8-segment of parameter equilibrium, output 5-segment of parameter equilibrium, delayer, and limiter functions)				
远程监控(Remote monitor)	通过控制软件可远程监控温度、电流、工作状态、网络连接状态、显示屏锁状态、开机或待机 状态、信号电平指示状态(The temperature,current,working status, network connection status, display lock status, power-on or standby status, and signal level indication status can remote controlled by the software)				
远程控制(Remote control)	可远程控制功放待机和开机工作状态(Remote control of amplifier power-on or standby status)				
功放保护(Amplifier protection)	电源欠压保护、功放输出直流保护、过热保护、温度功率控制、过载功率控制(Low-voltage protection, amplifier output DC protection, overheat protection, temperature power rating)				
预设场景(Preset scene)	15				
电源要求(Power requirement)	90-260V ~50-60Hz				
机身尺寸H×W×D(Dimension)	45×483×465mm		45×483×370mm		
重量(Weight)	13kg		9kg		





应用范围 Application

- ▶ 体育场馆、剧院、音乐厅、教堂、酒店、酒吧、大型文旅、高端商务会议
- ▶ Sports stadium, theater, music hall, church, hotel, bar, touring sights, high-end conference room

产品特性 Features

- ▶ 具备Dante数字信号与模拟信号自动切换冗余备份。
- ▶ DA6.4-DANTE可选定阻模式（2~16Ω）、定压模式（70V输出）。DA15.4-DANTE、DA20.4-DANTE、DA20.2-DANTE可选定阻模式（2~16Ω）、定压模式（100V或70V输出）。
- ▶ 带DSP处理，具有信号混音、512阶FIR滤波器、相位、参量均衡、动态均衡、压限、可存储16组程序。
- ▶ 通过控制软件可远程监控设备温度、电压、电流、保护功能状态。
- ▶ 电源欠压保护、功放输出直流保护、过热保护、温度功率控制、过载功率控制。
- ▶ 1U机身高度，前面板带3.3寸液晶显示屏。
- ▶ 带信号混音、FIR滤波器、相位、参量均衡、动态均衡、压限功能，支持远程监控设备温度、电压、电流和保护等工作状态。
- ▶ DANTE D/A signal automatic shift.
- ▶ Selectable constant impedance mode (2~16Ω) , constant volatage mode(100V or 70V)output.
- ▶ DSP, signal mixing, 512 FIR filter, phase, parametric EQ, dynamic EQ, storage 16 groups pogram.
- ▶ Remote monitor for temperature, voltage, electric current and protect fuction status through control software.
- ▶ Low-voltage protection, amplifier output DC protection, overheat protection, temperature power rating control.
- ▶ 1U design and 3.3" screen.
- ▶ Signal mixing, FIR filter, phase, parametric EQ, dynamic EQ, remote monitor for temperature and voltage.





参数规格 Specifications

型号 Model	DA6.4-DANTE	DA15.4-DANTE	DA20.4-DANTE	DA20.2-DANTE
输出功率 Output power				
8Ω立体声功率 8Ω Stereo power	650W×4	1500W×4	2000W×4	2000W×2
4Ω立体声功率 4Ω Stereo power	1100W×4	2550W×4	3400W×4	3400W×2
2Ω立体声功率 2Ω Stereo power	1870W×4	4335W×4	5780W×4	5780W×2
16Ω桥接 16Ω Bridge power	1300W×2	3000W×2	4000W×2	4000W×1
8Ω桥接 8Ω Bridge power	2200W×2	5100W×2	6800W×2	6800W×1
4Ω桥接 4Ω Bridge power	3740W×2	8670W×2	11560W×2	11560W×1
70V定压功率 70V Rated voltage power	1100W×4	1500W×4	2000W×4	2000W×2
100V定压功率 100V Rated voltage power	/	2500W×4	3400W×4	3400W×2
频率响应 Frequency response	20Hz-20kHz(+0dB/-0.5dB)			
总谐波失真 THD	0.05%			
信噪比 S/N Ratio	≥105dB			
功率增益选择 Power gain	19~37dB	23~41dB	24~42dB	24~42dB
输入阻抗 Input impedance	20kΩ平衡 /10kΩ非平衡 (20kΩ balance/10kΩ unbalance)			
模拟输入接口 Analog input connector	4×XLR卡侬插座 (4×XLR socket)			
数字输入接口 Digital input connector	2×RJ45 Dante主/备和控制 (2×RJ45 (Dante main/standby control))			
输出接口 Output connector	4×Neutrik Powercon四芯音箱插座 (4×Neutrik Powercon 4 pin socket)			
信号备份 Signal backup	Dante数字信号与模拟信号自动切换备份 (Dante D/A signal switch)			
数字信号通道 Digital signal channel	4进4出DANTE数字信号 (4 in 4 out DANTE digital signal)			2进2出DANTE数字信号(2 in 2 out DANTE digital signal)
DSP处理 DSP process	4进4出 (4 in 4 out)			2进2出 (2 in 2 out)
功放保护 Amplifier protection	电源欠压保护、功放输出直流保护、过热保护、温度功率控制、过载功率控制 (Low-voltage protection, amplifier output DC protection, overheat protection, temperature power rating control, overload power rating control)			
电源要求 Power supply	90-260V ~50-60Hz			
机身尺寸 (H×W×D) Dimension(H×W×D)	45×483×370mm	45×483×465mm	45×483×465mm	45×483×370mm
重量 Weight	9Kg	13Kg	13Kg	9Kg

