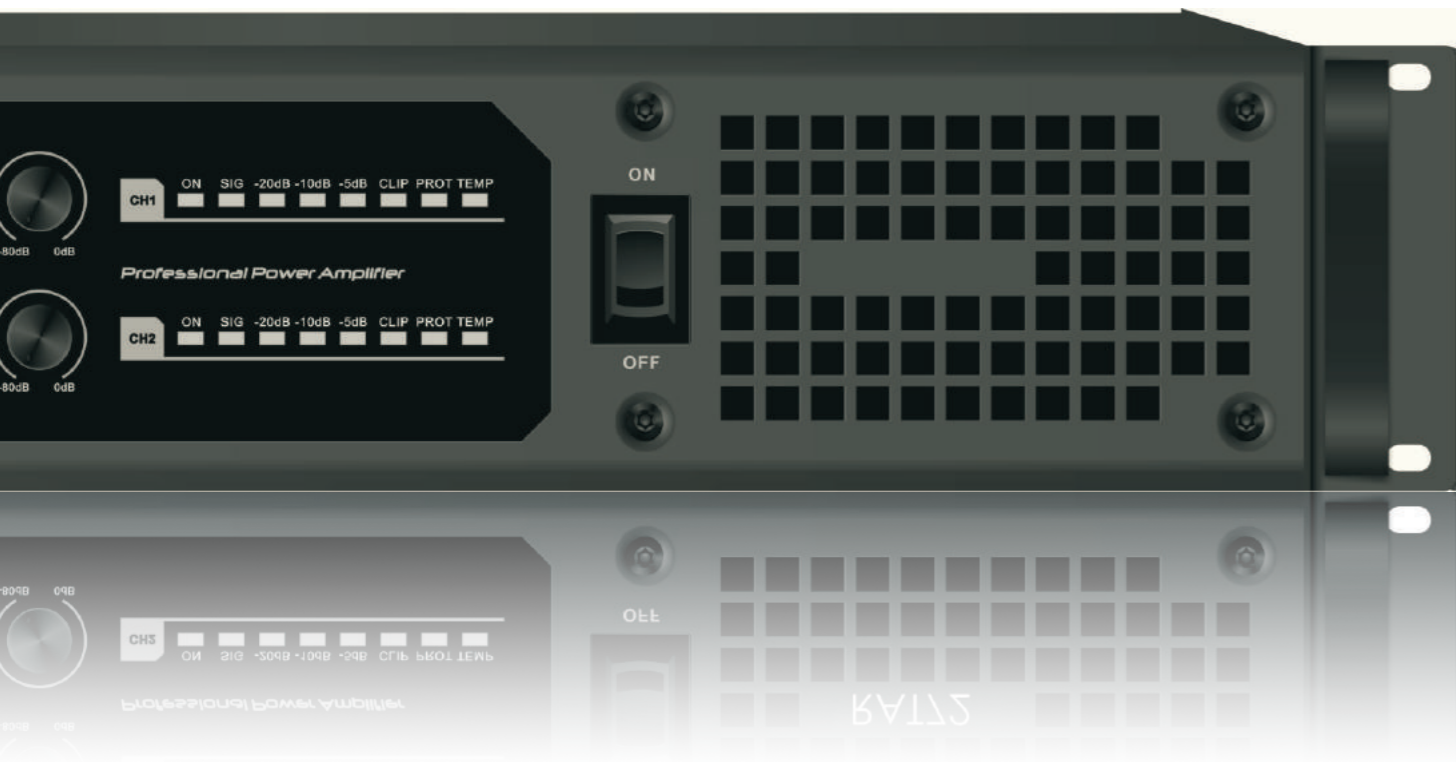


# ***RAT SERIES***

## ***POWER AMPLIFIER***



# ***CLA SERIES***

# RAT SERIES



## Features

- Upgrade tier Class H, matching with the new generation mid-end SMPS product, the effect is >76%.
- Divided into three models with power ranging 650W/1200W/1500W at 8ohm loading, which satisfies the requirements of application projects.
- Extremely high power density: amplifier with height-2U/depth-17" of 16kg can provide 7600W continuous output power.
- Stably drive speakers with 8ohm,4ohm and 2ohm loading, meeting requirements from line array to normal array application projects.
- Very low harmonic distortion (THD = 0.1%) and the ideal frequency response performance (20 ~ 20kHz).
- Use audio-specific components and connectors, ensuring higher reliability.
- Removable front panel, easy to clean and maintain.
- Adopt SMT, AI, ICT full-automatic production and testing technology to ensure the standardization of production and product consistency.
- Have perfect and intelligent protection such as overpressure, over-current, short circuit, over-temperature, DC, VHF, clip limiter, so as to prevent damage caused by man-made and environmental factors.

## Applications

- Large-scale live performance and fixed installation projects.
- Conference centers, high-end hotel, Disco and HI room etc.

## Technical specifications

Model	RAT22	RAT41	RAT48	RAT72
<b>Power</b>				
8Ω stereo*	650Wx2	1200Wx2	1500Wx2	2000Wx2
4Ω stereo*	1350Wx2	2100Wx2	2600Wx2	3600Wx2
2Ω stereo**	1800Wx2	2500Wx2	3200Wx2	4600Wx2
8Ω bridge*	2500W	3800W	5000W	7000W
4Ω bridge**	3200W	4800W	6200W	7800W
<b>Other Specification</b>				
Frequency response	20 Hz-20 kHz			
THD+N	<0.1%			
S/N rate	>80dB			
Damping factor	>200			
Crosstalk	>70dB			
Slew rate	>20V/μs			
Input sensitivity	26d B/32 dB/38 dB			
Input impedance (bal/unbal)	10kΩ / 20kΩ			
Voltage gain (8Ω)	40.3dB	42dB	43dB	43.8dB
Output circuitry	Class I			
Cooling	Air flow from front to rear			
<b>Protection</b>	Soft start,DC,short circuit,over load,clip limit,over heat,progressive volume			
<b>Connector</b>				
Input	XLR-F,XLR-M			
Output	Binding posts & NL 4 SPEAKON			
<b>Function</b>				
Front panel indicator	STY,power,signal,clip,protection,parallel,bridge			
Front panel	Power switch,volume control knob			
Rear panel	Stereo/parallel/bridge switch,input sensitivity switch,soft clipping switch			
<b>Dimension/Weight</b>				
Product dimension (W x D x H) (mm)	483x450x89 mm	483x505x89 mm	483x505x89 mm	483x505x89 mm
Packing dimension	595x565x170 mm	620x 585x170 mm	620x585x170 mm	620x585x170 mm
N.W.	10.1kg	15.0kg	16.1kg	16.1kg
G.W.	12.4kg	17.5kg	18.6kg	18.6kg
<b>Power</b>	Non-removable power cord AC220V/50Hz.±10%			

### Remark:

1. \* The power is tested under EIA standard.
- 2.\*\* The power is tested under the condition of 40 ms burst, 1KHz sine wave and 1% THD.
3. Other data is tested under Q/TPA 1-2008 standard.
4. TPA reserves the right to make changes in specification without prior notice.The final specification is subject to the user manual.





# CLA SERIES



CLA 32



CLA 50



REAR PANEL

## Technical specifications

Model	CLA32	CLA50
<b>Power</b>		
8Ω stereo*	800W x4	1300W x4
4Ω stereo*	1400W x4	2100W x4
2Ω stereo**	1600W x4	2500W x4
8Ω bridge*	2800W x2	4200W x2
4Ω bridge**	3200W x2	5000W x2
<b>Other Specification</b>		
Frequency response	20 Hz-20 kHz(0.5dB/-1.5dB)	
THD+N	<0.05%	
S/N rate	>90dB	
Damping factor	>800(100Hz)	
Crosstalk	>60dB	
Slew rate	>10V/μs	
Input sensitivity	0.775V/1V/1.4V/38dB/32dB/26dB	
Input impedance (bal/unbal)	10kΩ / 20kΩ	
Voltage gain (8Ω)	38.0dB	40.2dB
Output circuitry	Class I	
Cooling	Air flow from rear TO front	
<b>Protection</b>	Soft start,DC,short circuit,over load,clip limit,over heat,progressive volume,VHF	
<b>Connector</b>		
Input	XLR	
Output	Binding posts & NL 4 SPEAKON	
<b>Function</b>		
Front panel indicator	Power/VU/SIG/Clip/Protectindicator	
Front panel	Powerswitch;volume control knob	
Rear panel	Stereo/parallel/bridgeswitch,input sensitivityswitch	
<b>Dimension/Weight</b>		
Product dimension (W x D x H) (mm)	483 x 451 x 89 mm	
Packing dimension	595 x 565 x 170 mm	
G.W.	14kg	16.0kg
<b>Power</b>	Non-removable power cord AC220V/50Hz.±10%	

### Remark:

- \* The power is tested under EIA standard.
- \*\* The power is tested under the condition of 40 ms burst, 1KHz sine wave and 1% THD.
- Other data is tested under Q/TPA 1-2008 standard.
- TPA reserves the right to make changes in specification without prior notice.The final specification is subject to the user manual.

