

## FOUR-CHANNELS CLASS H-PROFFESIONAL AMPLIFIER



### DESCRIPTION

The TecnaRE PA Series of power amplifier represent a new era in affordable, high quality performance and reliability with the latest power amplifications technologies. The line consists of five models in a uniform, rugged 2U chassis, the sound quality and durability of class H designs with the innovation of the latest power devices available.

The two models of four channels in the series are the PA4.450 and PA4.1500. They are identical except for output power and voltage Gain.

It features independent gain knobs, signal clip and fault LEDs, stereo XLR input, 1.4 V to 0.775 V input sensitivity switch, mono - parallel - bridge switch, speakON® outputs.

Moreover, it is protected against shorts and open circuits. Thanks to its high efficiency heat sinks and high speed DC fans, the DP Series can withstand the hardest heat conditions ensuring great reliability.

PA4.450 is a 4 channels power amplifier that delivers up to 4 x 550 W RMS @ 4 Ω (2x1000 W RMS bridged @ 8 Ω), weighing just 8 kg.

PA4.1500 is a 4 channels power amplifier that delivers up to 4 x 1670 W RMS @ 4 Ω (2x4000 W RMS bridged @ 8 Ω), weighing just 8 kg.

4 channels, power output per channels

	PA4.1500	PA4.450
4 Ohm	1.670	550
8 Ohm	1.220	350

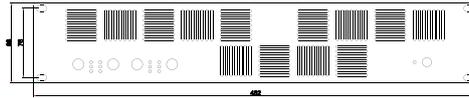
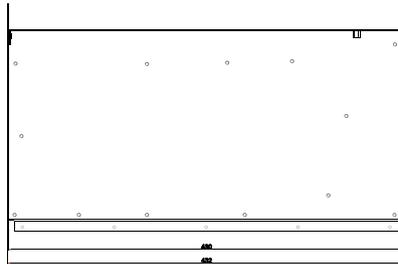
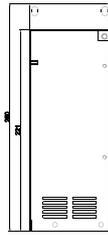
### MAIN APPLICATIONS

- Small and medium size PA systems
- Djs
- Club Sound
- Live Sound and public spaces
- Worship systems

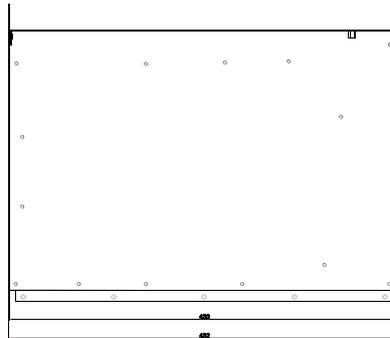
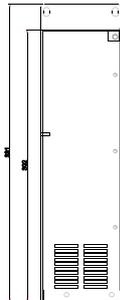
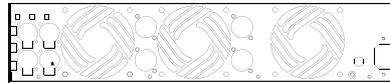
### MAIN FEATURES

- 2 unit 19" rack, easy transportation
- Low distortion
- Extensive protection ensure high reliability and operating safety
- Efficient forced-air fan prevents excessive thermal buildup
- Electronically balanced XLR input; SPEAKON® NL4 output connectors
- Easy to configure in parallel / mono / bridge modes

## DIMENSIONS



PA4.450



PA4.1500

Unit:mm

## SPECIFICATIONS

Rated power /model	PA4.450	PA4.1500
1kHz(HIA)with0.5%THD		
4Ω stereo(per channel)	4x550W	4x1670W
8Ω stereo(per channel)	4x350W	4x1220W
8Ω bridge mono	2x1000W	2x4000W
Performance		
Frequency Response(at 1 Watt)	20Hz-20KHz,+0-1dB	
Total Harmonic Distortion(THD)	<0.5%,20Hz-20KHz	
Intermodulation Distortion60Hz and 7KHz at 4:1from full rated output to -30dB	= / <0.35%	
Slew Rate	>20V/us	
Voltage Gain	33dB	37.8dB
Damping Factor(8ohms)10Hz-400Hz	>200	
Signal-to-Noise Ratio (below rated power,20Hz to 20kHz. A-weighted)	>100dB	
Crosstalk(below rated power) At 1kHz At 20kHz	-75dB -58dB	
Input Sensitivity for full rated power at 8Ω	0.775V or 1.4V	
Input impedance(nominal) Balanced Unbalanced	20K ohms 10k ohms	
Construction		
Protection	Protection against short circuits, no-load, on/off muting, RF interference.	
Ventilation	Flow-through ventilation from front to back	
Cooling	Internal heat sinks with forced air. Fan cooled, speed regulated, thermal protection	
Power cord specification	Plug : 10A , 250V Wire:3x1.0mm	
Chassis size( unit mm)	482x227x88	
Net weight	8.0kg	



Pº Ind. Monte Boyal. C/Encinar 282  
45950 Casarrubios del Monte (Toledo). SPAIN.  
Phone: +34 918 170 110  
Fax: +34 918 183 053  
www.tecnare.com  
sales@tecnare.com

Is a™ Designed and  
manufactured in Spain by



**tecnaRE**  
SOUND SYSTEMS