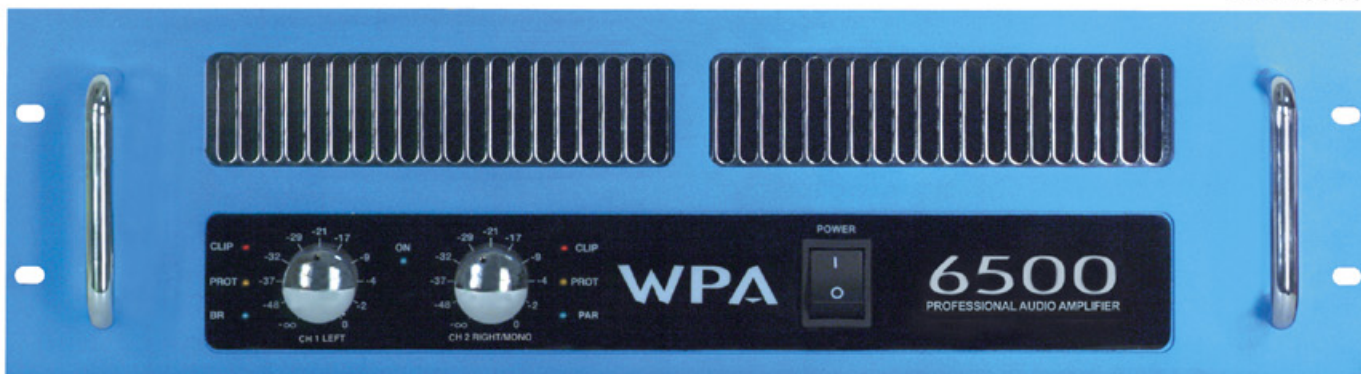


# OWNERS MANUAL

WPA 2500  
WPA 4000  
WPA 6500



## FRONT

**POWER switch**

switches the amplifier on and off.

**INPUT controls (CH 1+2)**

adjusts the input level.

**LEDs**

On operational  
Clip warning-signal for excessive input level  
Prot. warning-signal indicating that a fault has occurred (the device is switched off by protective circuits). This LED also lights during the power-up delay when turning the unit on.  
Par. indicates mono parallel mode.  
Br. indicates mono bridged mode.

## REAR

**MAINS switch**

selects the main voltage

**GROUNDLIFT switch**

cuts the earth conductor from signal-earth (so as to eliminate possible hum loops)

**INPUT switch**

selects the input voltage between 0.77V/1.4V, respectively a 20-time boost (26dB)

**Mono/Stereo switch**

selects the operation mode:

Mono Parallel: the mono signal is connected to both outputs here. Please use input of CH 2.  
Stereo: the input signal of CH 1 is connected to the CH 1 output and the input signal of CH 2 is connected to the CH 2 output.  
Mono Bridged: both outputs are connected together in this case. Please use the input of CH 2 and connect the loudspeaker to the red poles of the binding posts.  
Red CH 1 -, red CH 2 +.

## TECHNICAL DATA

	WPA 2500	WPA 4000	WPA 6500
Inputs	XLR (bal) & Jack	XLR (bal) & Jack	XLR (bal) & Jack
Input Impedance bal/unbal.	20 k $\Omega$ /10 k $\Omega$	20 k $\Omega$ /10 k $\Omega$	20 k $\Omega$ /10 k $\Omega$
Outputs	XLR, Binding Posts lockable coaxial connectors	XLR, Binding Posts lockable coaxial connectors	XLR, Binding Posts lockable coaxial connectors
P max/8 $\Omega$ RMS	2 x 160 W (35.7 VAC)	2 x 270 W (46.4 VAC)	2 x 390 W (55.5 VAC)
P max/4 $\Omega$ RMS	2 x 260 W (32.2 VAC)	2 x 430 W (41.5 VAC)	2 x 600 W (48.5 VAC)
Input demand	435/780 VA- 4/8 $\Omega$	700/1300 VA- 4/8 $\Omega$	1000/1860 VA- 4/8 $\Omega$
Electrolytic capacitors	4 x 10000 $\mu$ F	6 x 6800 $\mu$ F	6 x 6800 $\mu$ F
THD / 8 $\Omega$	<0.03 %	<0.01 %	<0.01 %
THD / 4 $\Omega$	<0.05 %	<0.02 %	<0.01 %
U in / full modulation	0.77V/26dB/1.4VRMS	0.77V/26dB/1.4VRMS	0.77V/26dB/1.4VRMS
Idle current input	30 VA	50 VA	60 VA
Frequency response	20 - 20k Hz (-0.5dB)	20 - 20k Hz (-0.5dB)	20 - 20k Hz (-0.5dB)
Offset	< 20 mV	< 20 mV	< 20 mV
Attenuation factor 4/8 $\Omega$	80/150	80/150	80/150
Weight	20 kg	22 kg	27 kg
Dimensions (all)	19"/482 x 3 UH /138 x 510		
Protective circuits (all)	Short circuit, direct current (DC), excessive temperatures, power-up delay, HF-oscillation.		
Special features (all)	Subsonic		

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