

## XP6000

6000 Watt Power Amplifier



## Features

- ▶ 3RU-height design fits into any standard equipment rack
- ▶ Stereo, parallel, and bridged modes for versatile operation
- ▶ High-current toroidal transformers provide high power with low noise
- ▶ Fast-recovery design yields lower distortion if clipping occurs
- ▶ XLR and TRS inputs, along with Speakon and binding post outputs, allow you to connect to practically any sound system for ultimate versatility
- ▶ Variable-speed cooling fans keep the system running smoothly
- ▶ Integrated protection circuitry prevents damage from short circuits, overheating, subsonic noise, RF interference, and output DC offset
- ▶ Power on/off muting protects speakers from sharp pops and spikes when amplifier is turned on and off
- ▶ Ground-lift switch helps to reduce hum caused by ground loops
- ▶ Detented level controls allow you to dial in precise volume settings
- ▶ Switchable input peak limiter and selectable high-pass filters help to reduce distortion and protect speakers
- ▶ Front-panel LED indicators for monitoring system performance

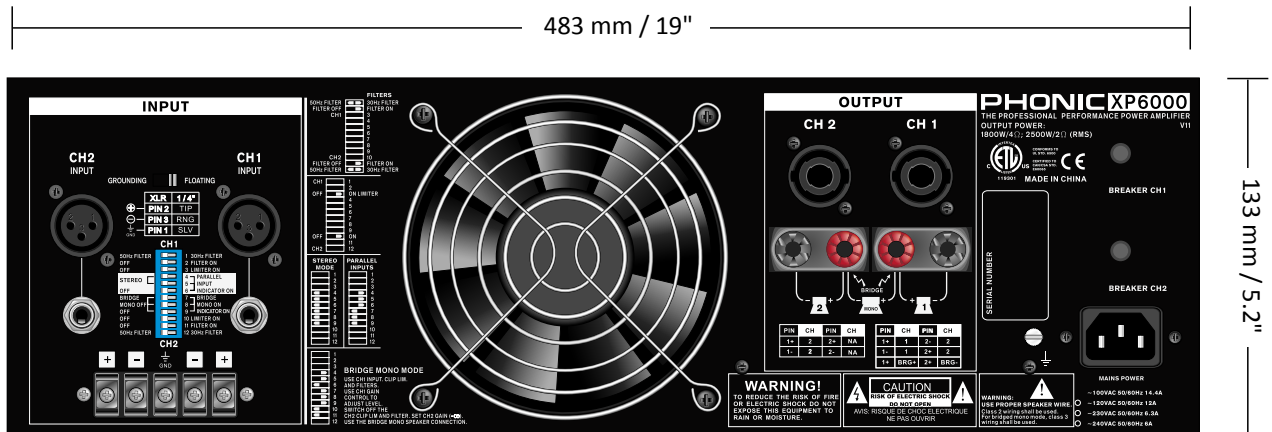
## Description

Phonic XP6000 power amplifiers deliver up to 3000 Watts of power per channel into 2 ohms, all in three standard rack units. Built around robust and advanced toroidal transformers, they deliver clean power on demand. The advanced protection circuitry guards against short circuit and open circuit, and also protects against ultrasonic and RF interference. A high current power supply increases reliability and performance. Other features include center-detented gain controls, input peak limiter, selectable high pass filter, and fast recovery to ensure low distortion. The variable speed fans effectively cool the amp and protect against overheating. Input is through XLR or 1/4" connectors, while you can use Speakon®-type or binding post connectors for output. Phonic XP Power Amplifiers are specially designed for professionals who value high power, audio clarity, reliability and lasting performance.

# XP6000

## Professional Stereo Amplifier

### Dimensions



### Specifications

Power Ratings	1500W/Channel @ 8 Ohms Stereo 2400W/Channel @ 4 Ohms Stereo 3000W/Channel @ 2 Ohms Stereo (20ms burst) 4800W @ 8 Ohms Bridged 6000W @ 4 Ohms Bridged
Damping Factor	> 250
Input Sensitivity	1.42 Vrms @ 8 Ohms
Input Impedance	20 kOhms, Balanced 10 kOhms, Unbalanced
Gain	41x (36dB)
Frequency Response	20Hz - 20kHz, +0/-1dB
Signal-to-Noise Ratio	100dB
Total Harmonic Distortion (THD)	< 0.1%
Input Connectors	2 x XLR Inputs 2 x 1/4" TRS Inputs
Output Connectors	2 x 5-Way Binding Post Outputs (2 Posts Each) 2 x Speakon Outputs
Controls	Power Switch Ground-Lift Switch Limiter Switch High-Pass Filter Switch Mode Selector Switch Detented Level Controls
Indicators	LEDs for Power, Signal, Protect, Mode, and Clip
Cooling system	2 x Variable-Speed Cooling Fans, Front-to-Rear Airflow
Power Requirements	100/110/120/220/240VAC, 50/60Hz
Dimensions (WxHxD)	19" x 5.2" x 16.3" (483mm x 133mm x 415mm)
Weight	<77 lbs (<35 kg)