

## MAX3500

2400 Watt Power Amplifier

Most Reliabeled Competitor



## Features

- ▶ 1200 Watts per channel at 4 ohms (continuous average output power) with a 3U footprint
- ▶ High current toroidal transformer allowing high power output with low noise and low distortion
- ▶ Built in limiter with a button allowing user to disable limiter's function
- ▶ Balanced XLR inputs
- ▶ Grounding/Floating switch to avoid grounding loop
- ▶ Binding post and speakon-type outputs
- ▶ Front mounted gain controls for easy access
- ▶ Signal and Peak LED indicators to monitor performance
- ▶ Protection: short circuit, thermal, subsonic, RF protection, output DC offset, power on/off muting

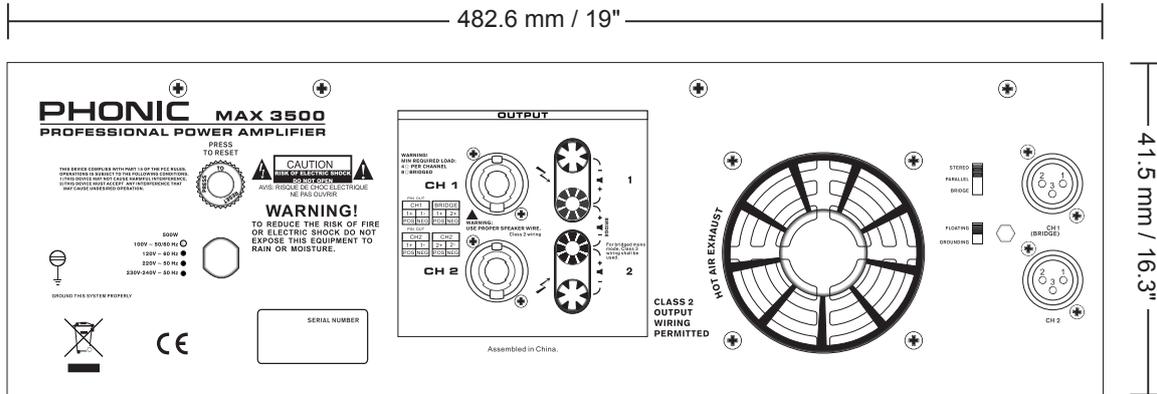
## Description

Phonic's MAX 3500 Power Amplifier provides 2400 Watts of power at 8 ohms (bridge mono) or 1200 Watts per channel at 4 ohms (stereo) - ideal for medium to large-size clubs, churches, auditoriums and more. Input to the MAX 3500 is achieved via balanced XLRs, and output is achieved through either professional speakon-type connectors or binding posts. The MAX 3500 features ground switches, and gives users the option of choosing between stereo, parallel and bridge operating modes, making this amplifier ideal for real world application.

# MAX3500

## Professional Power Amplifier

### Dimension



### Specifications

<b>Stereo Mode</b> (driving both channels)	8Ω EIA 1kHz 0.1%THD	800W
	4Ω EIA 1kHz 0.1%THD	1200W
<b>Bridge Mono Mode (continuous average output)</b>	8Ω EIA 1kHz 0.1%THD	2400W
<b>System</b>	Output Circuitry	Class H
	Input sensitivity @ 8Ω	1.42 Vrms
	Distortion (SMPTE-IM)	<0.02%
	Noise (unweighted 20 Hz -20 kHz below rated output)	107 dB
	Damping Factor	>500 @ 8Ω
	Frequency Response	20 Hz-20kHz +0/-1dB; -3dB points: 5Hz-50kHz
	Input Impedance	20 kΩ balanced; 10 kΩ unbalanced
	Cooling	Continuous variable-speed fan - rear-to-front air flow
	Indicators	Power; Signal; Peak
	<b>Controls</b>	Front panel
Rear panel		HPF; Clip; Limiter; Operating Mode; Circuit Breaker; Grounding/Floating
Operating Modes		Parallel; Stereo; Bridge Mono
Voltage Gain		40 x (32 dB)
<b>Connectors (each channel)</b>	Input	XLR & 1/4" TRS
	Output	Binding post & Speakon
<b>Subwoofer Output</b>	Crossover	60 Hz; 90 Hz; 120 Hz
<b>Protection Circuitry</b>	Amplifier Protection	Full short circuit / Open circuit / Thermal / Ultrasonic / RF protection / stable into mismatched loads
	Load Protection	On/off muting / AC coupling / Triac crowbar (each channel)
<b>Power Supply</b>	Power Consumption	1600W
	Power Requirement (depends on region)	100~120VAC - 220~240VAC - 50/60Hz
<b>Physical</b>	Dimensions	482.6 x 133 x 415 mm (19" x 5.2" x 16.3")
	Weight	21.6kg (47.6 lbs)