

MAX 3500

2400 Watt Power Amplifier

- ▶ 2400 Watt professional stereo power amplifier
- ▶ Performance Indicators: Signal, Peak and Power On
- ▶ High current power supply for increased reliability and performance
- ▶ Balanced XLR inputs and speakon and binding post outputs for maximum flexibility
- ▶ Grounding / Floating switch to avoid grounding loop
- ▶ Variable speed cooling fan



Front Panel

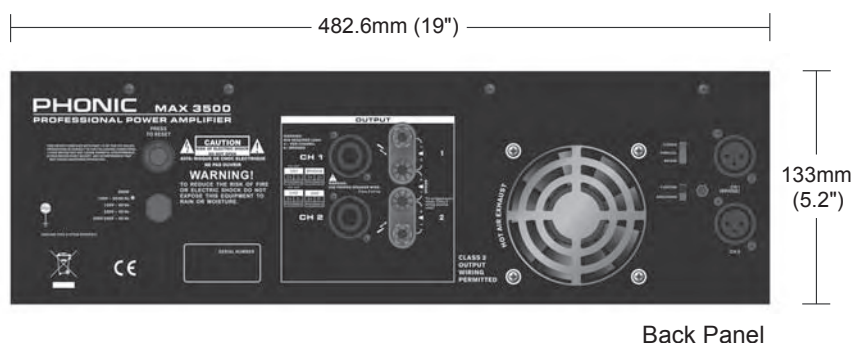
FEATURES:

- ▶ Output power: 1200W @ 4 ohms stereo, 800W @ 8 ohms stereo
- ▶ High-current toroidal transformers for greater power and low noise
- ▶ Balanced XLR input jacks
- ▶ Binding post and speakon-type outputs
- ▶ Front mounted gain controls for easy access
- ▶ Signal and Peak LED indicators to monitor performance
- ▶ Short circuit, thermal, subsonic, RF protection, output DC offset
- ▶ Variable speed cooling fan
- ▶ Power on/off muting

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.

SPECIFICATION

Stereo Mode (driving both channels)	8Ω EIA 1kHz 0.1%THD	800W
	4Ω EIA 1kHz 0.1%THD	1200W
Bridge Mono Mode (continuous average output)	8Ω EIA 1kHz 0.1%THD	2400W
System	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
Controls	Front panel	AC power switch & Gain knobs
	Rear panel	HPF; Clip; Limiter; Operating Mode; Circuit Breaker; Grounding/Floating
	Operating Modes	Parallel; Stereo; Bridge Mono
	Voltage Gain	40 x (32 dB)
Connectors (each channel)	Input	XLR & 1/4" TRS
	Output	Binding post & Speakon
Subwoofer Output	Crossover	60 Hz; 90 Hz; 120 Hz
Protection Circuitry	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)
Power Supply	Power Consumption	3200W
	Power Requirement (depends on region)	100~120VAC - 220~240VAC - 50/60Hz
Physical	Dimensions	482.6 x 133 x 415 mm (19" x 5.2" x 16.3")
	Weight	25.2kg (55.56 lbs)



Back Panel

