

## MAX3500

2400 Watt Power Amplifier

Most Reliable 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

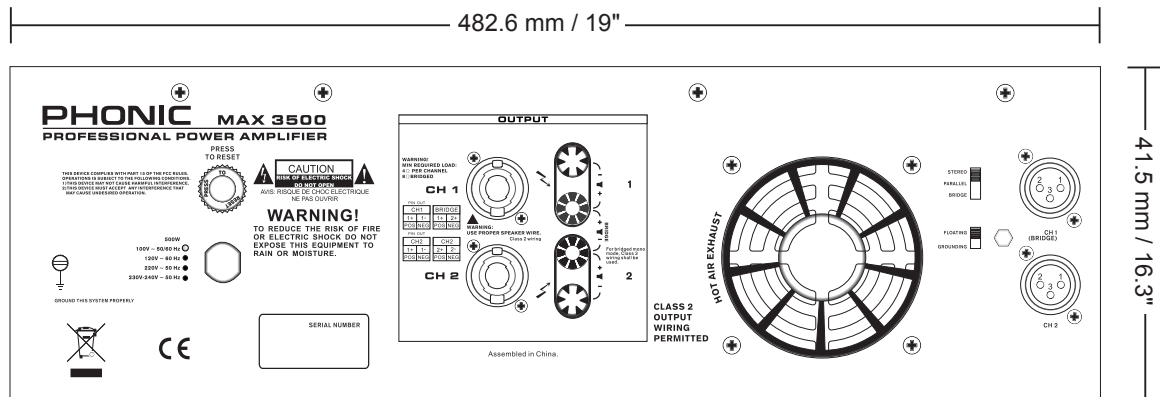
## Description

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.

## Dimension

# MAX3500

## Professional Power Amplifier



## Specifications

|   |   |   |
|---|---|---|
| <b>Stereo Mode</b><br>(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  |
| <b>Controls</b>                                     | Indicators  | Power; Signal; Peak   |
|   | 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)  |
| <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)   |