



The Minima One amplifier is both a hi fidelity and a high efficiency amplifier. The Minima One is more than 80% efficient providing more power to the loudspeaker and creating less heat in the amplifier. Incorporating patented technology, the comparison circuit of the Minima One corrects each individual cycle to drive error to zero at the end of every cycle. On average every 4 microseconds the one cycle modulator transforms and amplifies the input signal into the ideal natural pulse width modulation. Switching at 250kHz with the single cycle error correction insures extremely low distortion and high reliability.

The power factor corrected AC power input automatically and continuously adapts to any voltage between 88 and 275 volts. The Minima one is convenient to power and stable to use on any power grid in the world.

The Minima One is available in most Bag End loudspeaker models providing an on board powered system option. Each powered loudspeaker system is individually adjusted for the correct maximum power and protection settings insuring a reliable high performance powered loudspeaker solution.

Features:

- Universal Input Voltage with Automatic Selection
- Power Factor Correction
- Output Short Circuit Protection
- Thermal Protection
- 1000 Watts
- Full Bandwidth
- Very Low Distortion
- Power On Built In Test
- InGenius® balanced line receiver
- Limit and Fault LED Indicator

SPECIFICATIONS

Rated Power:
1000 Watts @ 4 Ohm load
500 Watts @ 8 Ohm load

Frequency Response:
20-20kHz +/- 0.5 dB

Half Power Bandwidth:
50kHz

THD + Noise:
.2% Worst case, 30kHz
Measurement BW
.01% 1 kHz 100W, 30kHz
Measurement BW

Output Current Limit:
>52 Amp protection circuit
threshold

Switching Frequency:
250 kHz Amplifier
140 kHz Power Supply

Output Current Limit:
>10 Amp
Protection circuit threshold

Output DC Offset Voltage:
+/-50 mV

Power Supply Ripple Rejection: >65 dB Large and small signal ripple

Damping Ratio:
450- 100Hz, 8 Ohm load

Dynamic Range:
110 dB

Input:
InGenius® balanced
line receiver

Hi Pass Filter Frequency Switchable:
-6 dB @ 8 Hz
-6 dB @ 50 Hz
-6 dB @ 95 Hz

Hi Pass Filter Slope:
12 dB/octave

Optically Isolated Remote Sleep
Apply 5 to 24 Volts DC to
mute terminals

Green LED:
On

Yellow LED:
System limit

Red LED:
System fault / sleep mode

AC Input Voltage:
88 Volts Minimum
275 Volts Maximum

Power Factor: .95

Weight: 6 lbs.

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