

Gato Audio PWR-222

Mono Power Amplifier



The PWR-222 has been five years in the making, based upon the TwinFET technology we introduced in the integrated amplifier AMP-150 back in 2010. PWR-222 is, like the AMP-150, a class A/B MosFET based power amplifier. The single chassis mono construction contains a huge power supply with a capacity of more than 44.000uF of low ESR, high bandwidth capacitors and a 600VA toroidal transformer. Five years of optimizing every aspect of the circuit means we are now finally able to offer a second to none, true dual mono – top of the range power amplifier in our portfolio. The PWR-222 matches perfectly with the PRD-3 preamplifier/DAC for superior stereo performance and stunning design.



TwinFET Technology

It is a crucial job for a high end power amplifier to deliver high voltage and strong current instantly and in any load. This calls for components that can deal with both high current and high voltages. The typical compromised solution is to use several paralleled output

devices. Each transistor may be capable of working with high voltages, but only in groups are they capable of delivering high current. However; this leaves the delicate audio signal a group of more or less identical paralleled transistors, each “singing” with a slightly different voice than its brothers and sisters.

To accommodate this “bad choir” problem, we went outside the typical audio industry specified components and suppliers. What we found was a real tough professional Mos-Fet designed for switching high end industry welding equipment. One single Mos-Fet of this kind, can handle up to 400amps and 200Volts or what is equivalent to what more than five typical high power transistors combined can do. It will deal with both extreme voltages and extreme current, without the need of multiple brothers and sisters to carry the load.

In short the Gato Audio TwinFET technology means; no paralleled output transistors, perfectly matched push-pull operation and shortest possible signal path. The result is crystal clear effortless performance!

Technical Specifications

(Preliminary data)

PWR-222

Output power	222W @ 8Ω
Frequency response	20 Hz-100 kHz - 0.5 dB
Signal to noise ratio	> 110 dB
THN+N	< 0,005%
Input impedance	20 kΩ RCA or 40 kΩ Balanced
Voltage gain	27 dB

Connectors

Balanced analogue inputs	1 pc gold-plated XLR Neutrik
Unbalanced analogue inputs	1 pc of gold-plated RCA stereo
Speaker output	1 pair gold-plated WBT Nextgen
Trigger, 12 V	1 pc mini jack

Size & Power

Power Requirements	115 VAC/230 VAC, 50 Hz/60 Hz, 600W max
Power consumption stdb/idle/max	< 1W/50W/600W
Dimensions (WxHxD)	325 x 105 x 420 mm / 12.8 x 4.1 x 16.5"
Weight	15 kg / 33.1 lb

Gato Audio ApS reserves the right to change design and specifications at any time without notice.



Gato Audio

Marielundvej 28
DK-2730 Herlev
Denmark

Phone: +45 4095 2205
www.gato-audio.com
hello@gato-audio.com