

# GU50 Amplifier Features & Specifications

Revision 1.8  
Date: 10/ 27 / 2022

SE (Singled Ended) Pure Class A  
Rated Output Power: 8 Wrms  
Input Sensitivity: 5.45 Vrms  
Signal To Noise Ratio: 64dB / 65.1 dB @ 1KHz  
Input Impedance: 470 Kohm  
Output Impedance: 4 Ohm / 8 Ohm  
Power Consumption: 73w  
Tube - Driver: 1 x 6N6P or 6N6P-I  
Power: 1 x GU-50

Note: All tests done with NOS Ulyanov GU-50 & NEVZ 6N6P

Output Power				
Input Vrms	Output		Load	Max Power
5.45 Vrms	5.76 Vrms	15.21 dBv	4 Ohms	8.29 Wrms

Total Harmonic Distortion			
Frequency	40 Hz	1 KHz	10 KHz
THD @ 2 <sup>nd</sup> Harmonic	0.226% / -52.9 dBr	0.063% / -64 dBr	0.064% / -63.9 dBr
THD Below 2 <sup>nd</sup> Harmonic	0.146% / -56.7 dBr	0.056% / -65.1 dBr	0.064% / -63.9 dBr

Frequency Response		
Full Frequency Response	30.5 Hz – 20 KHz	+ 0.056 dBr / - 0.274 dBr
Low Frequency Response	21.5 Hz	-1 dBr
High Frequency Response	20 KHz	-0.274 dBr