

# 6or12SN7 PreAmp Features & Specifications

Revision 2.4

Date: 08 / 06 / 2022

Dual Mono Design

Input Sensitivity: 1.6 Vrms

Signal To Noise Ratio: 55.8 dB / 79.4 dB @ 1KHz

Input Impedance: 96 Kohm

Output Impedance: 1.14Kohm

Power Consumption (preamp): 3.6w + 7.6w (smpls)

Tubes: 2 x 6SN7 or 12SN7 GT / GTA / GTB

Note: All tests done with NOS Sylvania 12SN7GTB Mil Spec Brown Base

Output Power				
Input Vrms	Output		Load	Gain
1 Vrms	5.74 Vrms	15.18 dBv	481 Kohm	5.74

Total Harmonic Distortion			
Frequency	40 Hz	1 KHz	10 KHz
THD @ 2 <sup>nd</sup> Harmonic	0.163% / -55.9 dBr	0.163% / -55.8 dBr	0.158% / -56 dBr
THD Below 2 <sup>nd</sup> Harmonic	0.008% / -81 dBr	0.011% / -79.4 dBr	0.024% / -72.5 dBr

Frequency Response		
Full Frequency Response	20 Hz – 20 KHz	-0.36 dBr
Low Frequency Response	11.5 Hz	-1 dBr
High Frequency Response	20 KHz	-0.25 dBr

Output Impedance		
Input	Output	Impedance
1 Vrms @ 1 KHz	5.74 Vrms	1.14 Kohm