

6or12SL7 Phono Preamp Features & Specifications

Revision 3.2v
Date: 09 / 23 / 2023

Dual Mono Design

Input Sensitivity: 5.0 mVrms = Output 0.989 Vrms @ 1 KHz

Gain: 197.8 / 45.92 dBv @ 1KHz

Input Impedance: 47 Kohm / open (2 jumpers set impedance A/B)

Input Capacitance: 0.00pf / 100pf / 200pf (2 jumpers set capacitance A/B)

Output Impedance: 910 ohms

Power Consumption (preamp): 5.1w + 7.6w (smpls)

Tubes: 2 x 6SL7GT, 1 x 6SN7GTA/B or 2 x 12SL7GT, 1 x 12SN7GTA/B

Note: All tests done with NOS Sylvania 12SL7GT (late production) + NOS Sylvania JAN 12SN7GTB

| Output Power | | | |
|--------------|---------|------------|-------------------|
| Input | Load | Output | Gain |
| 5.0 mVrms | 47 Kohm | 0.989 Vrms | 197.8 / 45.92 dBv |

| | |
|-----------|--------------------|
| Frequency | 1 KHz |
| THD | 0.203% / -53.8 dBr |

| RIAA Frequency Deviation | | |
|--------------------------|----------------|-----------|
| Full Frequency Response | 10 Hz – 10 KHz | -1.02 dBr |
| Low Frequency Response | 10.0 Hz | -0.92 dBr |
| Mid Frequency Response | 1.0 KHz | 0 dBr |
| High Frequency Response | 10 KHz | -0.77 dBr |

| Output Impedance | | |
|-------------------|------------|-----------|
| Input | Output | Impedance |
| 5.0 mVrms @ 1 KHz | 0.989 Vrms | 910 ohms |