



Sunn 1200S Guitar Amp
Restored & Revised
May 2016 by nevetslab

Tubes & semiconductors

| | |
|-------------|------------|
| V1 | 12AX7 |
| V2 | 12AU7 |
| V3 | 6AN8 |
| V4, 5, 6, 7 | KT-88/6550 |
| V8, V9 | 5AR4 |
| Q1, 2 | MPS A06 |
| Q3 | BC141 |
| U1 | TL071 |
| D1-D4 | UF5408 |
| D5,6 | UF1007 |
| D7 | 1N4749 |

Controls

| | |
|--------|-----------|
| VR1 | Volume |
| VR2 | Treble |
| VR3 | Bass |
| VR4 | Contour |
| VR5 | Speed |
| VR6 | Intensity |
| VR7 | Reverb |
| VR8 | Hum Bal |
| VR9,10 | Bias Adj |

Jacks and Switches

| | |
|----------|-------------------------------|
| J1, 3 | SWITCHCRAFT # 12 T/S + N |
| J2, 4, 6 | SWITCHCRAFT # 13 T/S + N + SW |
| J5 | SWITCHCRAFT # 11 T/S |
| S1 | AC POWER SPST |
| S2 | STANDBY SPST |
| S3 | RECTIFIER MODE SPST |
| S4 | PULL SW ON VR1 |
| SW5 | DPDT MF BOOST |

Power Supply Levels @ Idle & Full Power

| Tube | Ip-Diode | Ip Tube | |
|--------------------------------|----------|---------|--------|
| V4 | 38mA | 31mA | @ idle |
| V5 | 38mA | 31mA | @ idle |
| V6 | 38mA | 31mA | @ idle |
| V7 | 38mA | 31mA | @ idle |
| DCV @ C36 Filter | 541V | 531V | @ idle |
| @120VAC | 1.82A | 1.6A | @ idle |
| Output @ clip 400Hz 8 ohm load | | | |
| | 29VRMS | 27VRMS | |
| | 105W | 91W | |
| DCV @ C36 | 507V | 484V | |
| @ 120VAC | 3.2A | 2.9A | |