

### Sofrito Preamp: Bill of Materials

Qty	Value	Notes
Resistors		
1	390 ohm, 5W+	PSU filter
1	1k25 ohm, 20W+	PSU filter
1	270 ohm, 5W+	Series resistor for shunt
1	300k ohm, 1/4W+	Grid reference resistor
1	1k ohm, 3W+	Cathode resistor shunt
2	5k ohm, 10W+	Load resistors for audio channels
4	1M ohm, 1/4W+	Grid and output reference
2	620 ohm, 1W+	Cathode resistors audio channels
2	300 ohm, 1/4W+	Grid stopper resistors
Capacitors		
1	40uF, 500V+	PSU filter input cap
1	120uF, 500V+	PSU filter
1	1uF, 600V	Ripple pass cap
3	1000uF, 63V	Cathode bypass capacitors
2	10uF, 500V+	PSU filter cap
2	2.2uF, 600V	Output capacitor
Tubes		
2	6V6G	
1	6L6GC	
1	5U4G	
4	Octal sockets	
Misc		
1	Allied 6K7VG	Or similar, $\geq 350\text{VDC}$ after filter
1	100k stereo audio taper	
1	IEC inlet	
1	Fuse holder & 1A fuse	
4+	RCA jacks	And rotary switch if multiple inputs