

VOLTAGE CHART

- DC measurements (unless noted)
 - Shorted input, no signal
 - All measurements +/-5%

V1	6SL7
PIN#	
1	0V
2	215V
3	1.7V
4	0V
5	215V
6	1.7V
7	3.15VAC
8	3.15VAC

V2,V3	6L6GA
PIN#	
1	34V
2	3.15VAC
3	396V
4	396V
5	0V
6	0V
7	3.15VAC
8	34V

J1-1 0V Right Input +
J1-2 0V Right Input -

J2-1 0V Left Input +
J2-2 0V Left Input -

J3-1 396V Right Output Transformer Plate (Edcor GXSE blue wire)
J3-2 396V No connection (for UL mode: remove R15 to connect screen)

J4-1 396V Left Output Transformer Plate (Edcor GXSE blue wire)
J4-2 396V No connection (for UL mode: remove R16 to connect screen)

J5-1 331VAC Red Secondary
J5-2 - No Connect (floating)
J5-3 331VAC Red Secondary

Important: Solder secondary center tap to **GND** eyelet by J5 & J7.

J6-1 420V To Choke
J6-2 414V From Choke

J7-1 404V Right Output Transformer B+ (Edcor GXSE red wire)
J7-2 404V Left Output Transformer B+ (Edcor GXSE red wire)

J8-1 3.15VAC Filament Tap
J8-2 3.15VAC Filament Tap

RESISTANCE CHART

- Take measurements when unit is OFF, supply caps are drained & with no connections to transformers
 - Consider readings >1 meg to be open
- Some readings will fluctuate due to capacitance
 - All measurements +/-5%

V1	6SL7	V2,V3	6L6GA
PIN#		PIN#	
1	475K	1	725 ohms
2	>200K (may fluctuate)	2	1K
3	1.1K	3	open
4	475K	4	open
5	>200K (may fluctuate)	5	220K
6	1.1K	6	open
7	1K	7	1K
8	1K	8	725 ohms
J1-1	475K		
J1-2	<1 ohm		
J2-1	475K		
J2-2	<1 ohm		
J3-1	open		
J3-2	open		
J4-1	open		
J4-2	open		
J5-1	open		
J5-2	open		
J5-3	open		
J6-1	>200K (may fluctuate)		
J6-2	>200K (may fluctuate)		
J7-1	>200K (may fluctuate)		
J7-2	>200K (may fluctuate)		
J8-1	1K		
J8-2	1K		