INDICATOR
POWER
STANDBY
BASS
MIDDLE
TREBLE
GAIN
VOLUME
INPUT
TONE
VOLUME
INPUT

500K-A
250K-L
100K
.0047uF
500 pf
1M
LO
HI
Closest to chassis top
0V

TO OUTPUT TRANSFORMER
B+ 350VDC
1K5 5W
32/32
PRE-AMP GROUND
POWER GROUND
NEGATIVE TERMINAL MAY BE MARKED WITH A BLACK DOT
TIE OFF 5K TAPS OUTSIDE CHASSIS

black
black/red
to pin-3
black/white
white
red -yellow
290 0 290 117 0 117 0
6.3 5 0 3.15 0 3.15
Yellow-White 5
Twist wires
Red 290 VAC
White 6.3 VAC
0V yellow

250R 5W
220uF 50V
50uF 50V
150R 5W
+16uF 450V
2K2 2W
8K2 2W
.022uF
.01uF
.0022uF
500pF
56K
2K7
47K
470K
820
68uF
100K
270K
470R
22K
200K
TWIST FROM OT
BRAID FROM OT
BLUE
BROWN
1K5
100R 2W
8K2
twist together
Normal in lo
Normal in hi
TMB in lo
TMB in hi
250K
500K
68K
33K

V6 EZ81
V8 6V6
V7 6V6
V5 EL84
V4 EL84
V3 12AX7
V2 12AX7
V1 12AX7

CHASSIS GROUND
G
N
L
FUSE 120 VAC 2A SLO BLO
MAINS 120V

TUBE CATHODE SWITCH
DPDT
IMPEDANCE
4 (Y)
8 (G)
16 (O)
HOT / TIP

SWITCH WIRING

Impedance	4	8	16
Colour	Y	G	O
Pin #	1	2	3

BOOST SWITCH

Mounting Hardware
#4 screws – tubes, terminal strip, pre amp ground, IEC Mains connector
#6 screws – power ground, stand-offs
#8 screw – Chassis ground with lock washers, transformer

Wire
22 ga solid – alternating colours from board to tube; board to controls
22 ga twisted – heater supply
18 ga stranded – power supply

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Initial release Sept 16, 2013
2 3/12/13 R12 changed from 20K to 22K
3 10/02/14 R12 changed from 22K to 56K
4 R12 changed back to 22K
5 27/04/14 Power Tube Cathode switch resistors changed to 220K
7 23Sep16 piggy-back cathode resistor layout

Trinity Amps

v6 Plexi - Dual Power Tube with Boost

SIZE	FSCM NO	DWG NO	REV
			7

SCALE Not To Scale | SHEET 20 OF 42