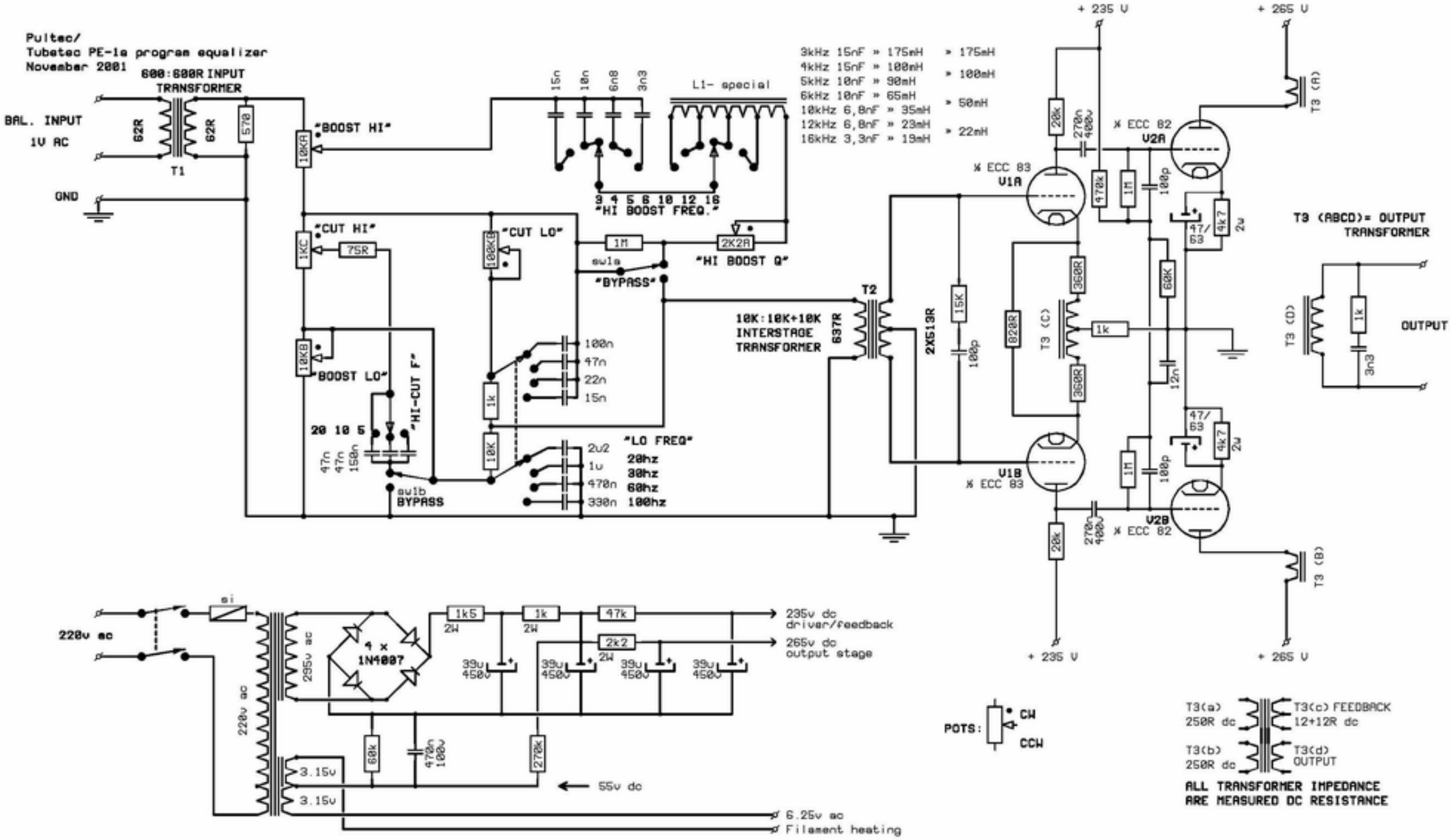

Pultec/
Tubetec PE-1a program equalizer
November 2001
600:600R INPUT
TRANSFORMER
BAL. INPUT
1V AC
62R
62R
T1
GND
570
10KA
"BOOST HI"
15n
10n
6n8
3n3
L1- special
3kHz 15nF » 175mH » 175mH
4kHz 15nF » 100mH » 100mH
5kHz 10nF » 90mH
6kHz 10nF » 65mH » 50mH
10kHz 6,8nF » 35mH
12kHz 6,8nF » 23mH » 22mH
16kHz 3,3nF » 19mH
3 4 5 6 10 12 16
"HI BOOST FREQ."
1KC
"CUT HI"
75R
100KB
"CUT LO"
1M
2K2A
"HI BOOST Q"
sw1a
"BYPASS"
10KB
"BOOST LO"
20 10 5
"HI-CUT F"
47n
47n
150n
sw1b
BYPASS
1k
10K
100n
47n
22n
15n
2u2
1u
470n
330n
"LO FREQ"
20hz
30hz
60hz
100hz
T2
10K:10K+10K
INTERSTAGE
TRANSFORMER
637R
2X513R
15K
100p
+ 235 V
+ 265 V
20k
270n
400v
½ ECC 82
V2A
½ ECC 83
V1A
470k
1M
100p
47/
63
4k7
2w
T3 (A)
T3 (ABCD)= OUTPUT
TRANSFORMER
T3 (D)
1k
3n3
OUTPUT
360R
820R
T3 (C)
1k
60K
12n
V1B
½ ECC 83
V2B
½ ECC 82
T3 (B)
220v ac
ei
4 x
1N4007
295v ac
220v ac
3.15v
3.15v
1k5
2W
1k
2W
47k
2k2
2W
39u
450v
60k
470n
100v
270k
55v dc
235v dc
driver/feedback
265v dc
output stage
6.25v ac
Filament heating
POTS:
CW
CCW
T3(a)
250R dc
T3(c) FEEDBACK
12+12R dc
T3(b)
250R dc
T3(d)
OUTPUT
ALL TRANSFORMER IMPEDANCE
ARE MEASURED DC RESISTANCE