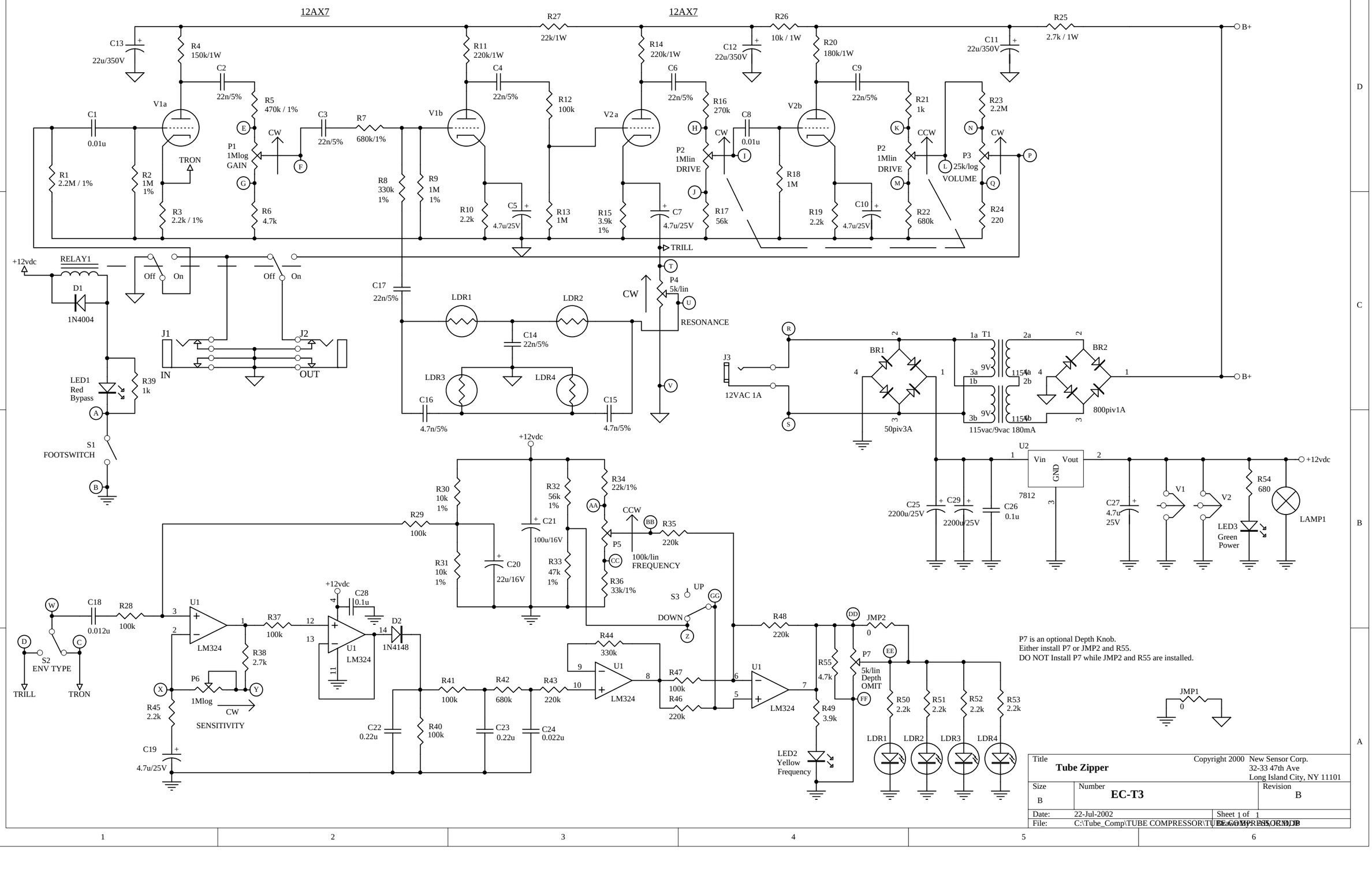
12AX7
12AX7
R27
22k/1W
R26
10k / 1W
R25
2.7k / 1W
B+
C13
22u/350V
R4
150k/1W
C2
22n/5%
R5
470k / 1%
V1a
C1
0.01u
R1
2.2M / 1%
R2
1M
1%
R3
2.2k / 1%
TRON
P1
1Mlog
GAIN
CW
R6
4.7k
C3
22n/5%
R7
680k/1%
R8
330k
1%
R9
1M
1%
V1b
R11
220k/1W
C4
22n/5%
R12
100k
R10
2.2k
C5
4.7u/25V
R13
1M
V2a
R14
220k/1W
C6
22n/5%
R16
270k
P2
1Mlin
DRIVE
C8
0.01u
R15
3.9k
1%
C7
4.7u/25V
R17
56k
TRILL
C12
22u/350V
R20
180k/1W
C9
22n/5%
V2b
R18
1M
R19
2.2k
C10
4.7u/25V
R21
1k
P2
1Mlin
DRIVE
CCW
R22
680k
R23
2.2M
P3
25k/log
VOLUME
R24
220
C11
22u/350V
+12vdc
RELAY1
D1
1N4004
Off
On
Off
On
J1
J2
IN
OUT
LED1
Red
Bypass
R39
1k
S1
FOOTSWITCH
C17
22n/5%
LDR1
LDR2
C14
22n/5%
LDR3
LDR4
C16
4.7n/5%
C15
4.7n/5%
CW
P4
5k/lin
RESONANCE
J3
12VAC 1A
BR1
50piv3A
T1
115vac/9vac 180mA
BR2
800piv1A
U2
Vin
Vout
GND
7812
C25
2200u/25V
C29
2200u/25V
C26
0.1u
C27
4.7u
25V
V1
V2
R54
680
LED3
Green
Power
LAMP1
+12vdc
R30
10k
1%
R31
10k
1%
C20
22u/16V
R29
100k
R32
56k
1%
C21
100u/16V
R33
47k
1%
R34
22k/1%
CCW
R35
220k
P5
100k/lin
FREQUENCY
R36
33k/1%
S3
UP
DOWN
C18
0.012u
R28
100k
U1
LM324
R37
100k
R38
2.7k
P6
1Mlog
CW
SENSITIVITY
R45
2.2k
C19
4.7u/25V
S2
ENV TYPE
TRILL
TRON
+12vdc
C28
0.1u
U1
LM324
D2
1N4148
R41
100k
R42
680k
R43
220k
C22
0.22u
R40
100k
C23
0.22u
C24
0.022u
R44
330k
U1
LM324
R47
100k
R46
220k
U1
LM324
R48
220k
R55
4.7k
R49
3.9k
LED2
Yellow
Frequency
JMP2
0
P7
5k/lin
Depth
OMIT
R50
2.2k
R51
2.2k
R52
2.2k
R53
2.2k
LDR1
LDR2
LDR3
LDR4
JMP1
0
P7 is an optional Depth Knob.
Either install P7 or JMP2 and R55.
DO NOT Install P7 while JMP2 and R55 are installed.
Title
Tube Zipper
Copyright 2000 New Sensor Corp.
32-33 47th Ave
Long Island City, NY 11101
Size
B
Number
EC-T3
Revision
B
Date: 22-Jul-2002
Sheet 1 of 1
File: C:\Tube_Comp\TUBE COMPRESSOR\TUBE COMPRESSOR.DDB
Drawn By: RS, RM, JB