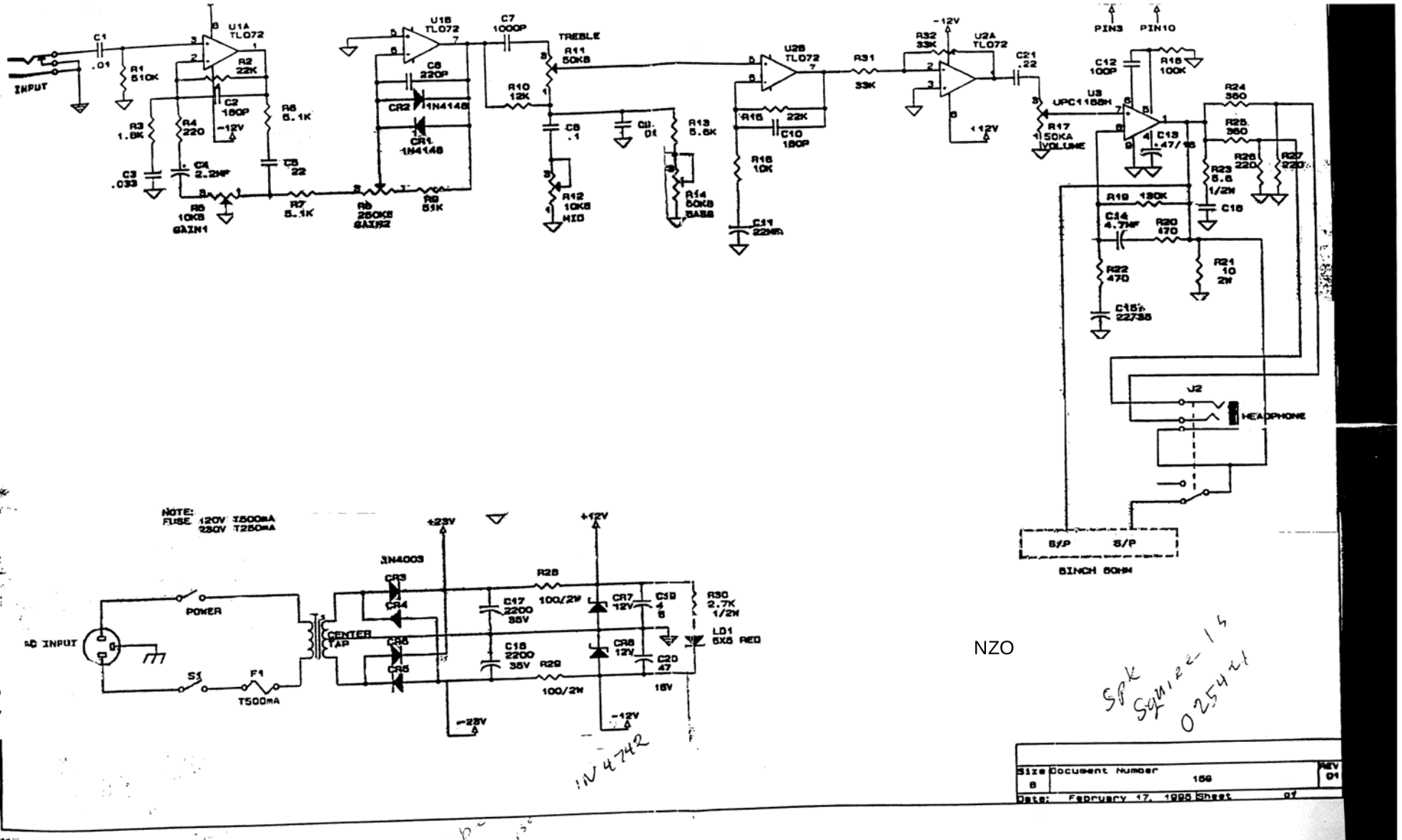
INPUT
C1 .01
R1 510K
U1A TL072
R2 22K
C2 150P
-12V
R3 1.8K
R4 220
C3 .033
C4 2.2NF
R5 10KB GAIN1
R6 5.1K
C5 22
R7 5.1K
U1B TL072
C6 220P
CR2 1N4148
CR1 1N4148
R8 250KB GAIN2
R9 51K
C7 1000P
R10 12K
TREBLE
R11 50KB
C8 .1
R12 10KB MID
C9 .01
R13 5.6K
R14 50KB BASS
U2B TL072
R15 22K
C10 180P
R16 10K
C11 220P
R31 33K
R32 33K
U2A TL072
-12V
+12V
C21 .22
PIN9
PIN10
C12 100P
R18 100K
U3 UPC1188H
R17 50KA VOLUME
C13 .47/16
R24 360
R25 360
R23 5.6 1/2W
C16
R26 220
R27 220
R19 180K
C14 4.7NF
R20 470
R22 470
R21 10 2W
C15 2200
J2
HEADPHONE
S/P
S/P
8INCH 8OHM
NOTE: FUSE 120V T500mA 230V T250mA
AC INPUT
POWER
S1
F1 T500mA
CENTER TAP
1N4003
CR3
CR4
CR5
CR6
+23V
+12V
R28
C17 2200 35V
100/2W
CR7 12V
C19 4 6
R30 2.7K 1/2W
LD1 5X5 RED
C18 2200 35V
R29 100/2W
CR8 12V
C20 47 16V
-23V
-12V
1N4742
NZO
SPK
Sqm22-15
025421
Size B
Document Number 158
REV 01
Date: February 17, 1988 Sheet 01