300 Vdc
R81 3 k / 3 W
R3 100 k
C4 250 pF
250k B Treble Cl.
C8 250 pF
C73 50 uF / 450 V
R4 100 k
C3 47 nF / 400 V
1M A3 Volume Clean
Relè 4-A
V1-a
12AX7-A
V1-b
12AX7-B
C1 47 nF
R2 10 K
R6 100 k
C5 47 nf
250k A Bass Cl.
Bright C.
C7 120 pF
C10 22 uF
C6 100 nf
25k B Middle Cl.
1M A Gain C.
C12 22 uF
R7 820r
C9 1 uF
R9 1 M
Relè Pump 1-A
Trim 1 5K
R10 820r
C11 1 uF
R11 1 M
Trim 2 5K
Relè Pump 1-B
R112 1M
C83 100 pF
J1
Input
R1 1M
310 Vdc
R16 10 k / 2 W
340 Vdc
R14 220 k
C15 22 nF / 400 V
C17 470 pF
R15 100 k
C16 22 nF / 400 V
R24 100 k
C75 50 uF / 450 V
C25 470 pF
250k B1 Treble Cr.
1M A2 Volume Crunch
Slope Switch
C26 22 nf
C27 22 nf
1 M A Bass Cr.
25k B1 Middle Cr.
Relè 5-B
C55 100 nF
Relè S. & R.
Master Volume 1M A
Relè Boost
1M A1 Boost
R59 1M
C80 47 nF
R101 10 K
V2-a
12AX7-A
R17 470 k
C18 680 pF
V2-b
12AX7-B
R20 470 k
C22 470 pF
C14 50 uF / 450 V
V3-b
12AX7-B
C28 220 nF / 400 V
R26 100 k
V3-a
12AX7-A
R25 820r
R80 3k / 3 W
R28 68 k
R27 33 k
R113 1M
C84 100 pF
C21 30 uF
C20 1 uF
R18 630r
Trim 3 5K
Relè Pump 2-A
C19 250 pF
Gain Cr. 1M A
C23 680 nF
R22 10k
Relè 5-A
R21 470 k
360 Vdc
R32 3 k / 3 W
350 Vdc
R39 3 k / 3 W
R38 100 k
C37 22 nF / 400 V
R42 100 k
C41 1 nF
C36 50 uF / 450 V
R33 220 k
C31 50 uF / 450 V
V5-b
12AX7-B
C38 2,2 nF
R40 560 k
C39 1 nF
V4-a
12AX7-B
R29 470 k
C42 22 nF / 400 V
R46 220 k
V4-b
12AX7-A
V5-a
12AX7-A
C40 250 pF
Bright C.
R41 470 k
Gain Lead A 500 k
Gain Lead B 500 k
C85 30 uF
C30 1 uF
R31 1,8 k
R114 1 M
Relè Pump 2-B
Relè 6-A
R47 330 k
R45 330 k
R44 39 k
C43 1 uF
R34 1,8 k
R35 100 k
100k B Middle Le.
C47 100 pF
C34 22 nf
R37 100 k
C32 1 nF
1M A1 Bass Le.
C45 1 nF
C46 4,7 nF
xxx
R36 10 k
R48 10 k
C33 22 nf
C44 220 nF / 400 V
R49 100 k
250k B2 Treble Le.
C48 2,2 nF
1M A4 Volume Lead
Relè 6-B
R50 1M
C49 22 nf
V6-a
12AX7-A
C50
R51 470r
10 uF / 100 V
R52 22 k
1K A
Send Level
Ser. / Par. SW-a
R53 10 k
Ser. / Par. SW-b
Send
Return
C51 15 pF
R55 1M
R54 390 k
25k A Ret. Level
C52 100 nF
R56 220 k
V6-b
12AX7-B
R58 1,8 k
C54 22 nf
C53 50 uF / 450 V
R85 220 k / 3 w
B+ 2 370 Vdc
R60 3 K / 3W
380 Vdc
TRANSFORMER PERSONAL DESIGN
16 Ohm
8 Ohm
4 Ohm
2 K
1 K
B +
Com
GND X
R62 4,7 k
VL4 KT88
VL3 KT88
R110 200r / 1 W
R111 200r / 1 W
R61 4,7 k
BIAS READ 1
R94 1r / 2W
BIAS READ 2
B+ 3 300 Vdc
C77 200 uF / 200 vdc
R96 1k / 2W
R95 100r / 5 W
BIAS SWITCH
384 Vdc B+1
300 Vdc B+3
296 Vdc
GND 1
R86 4,7 k
R63 4,7 k
VL6 GU50
VL5 GU50
C79 300 uF / 100 vdc
R100 1,1 k / 5 w
B+ 4 250 Vdc

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