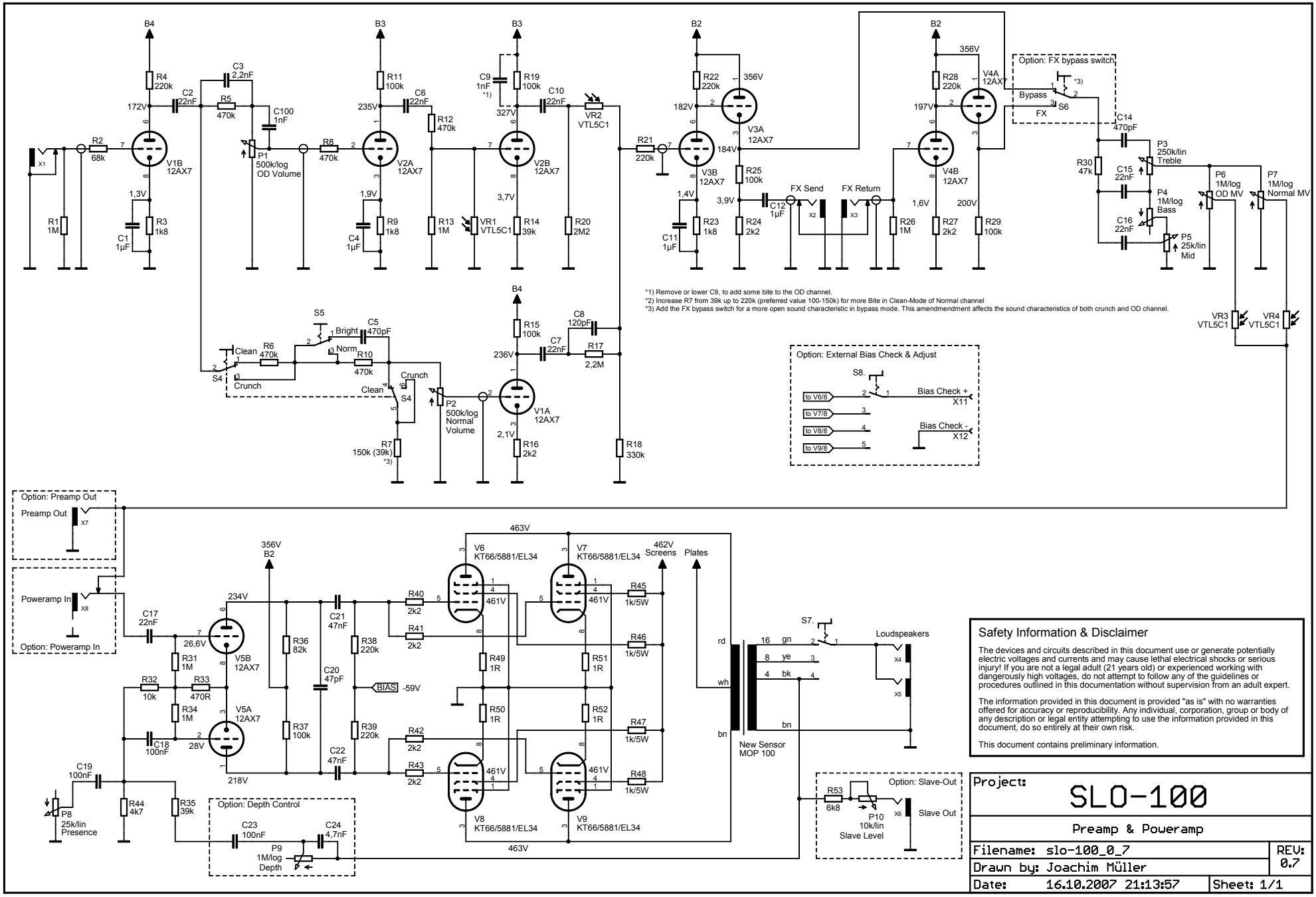
B4
B3
B2
R4 220k
C3 2,2nF
C2 22nF
R5 470k
C100 1nF
P1 500k/log OD Volume
R2 68k
V1B 12AX7
R1 1M
C1 1µF
R3 1k8
172V
1,3V
R11 100k
C6 22nF
R12 470k
R8 470k
V2A 12AX7
R13 1M
R9 1k8
C4 1µF
235V
1,9V
C9 1nF *1)
R19 100k
C10 22nF
VR2 VTL5C1
V2B 12AX7
VR1 VTL5C1
R14 39k
R20 2M2
327V
3,7V
R21 220k
R22 220k
V3A 12AX7
V3B 12AX7
R25 100k
R24 2k2
R23 1k8
C11 1µF
182V
184V
356V
1,4V
3,9V
C12 1µF
FX Send
FX Return
R28 220k
V4A 12AX7
V4B 12AX7
R26 1M
R27 2k2
R29 100k
197V
1,6V
200V
Option: FX bypass switch
Bypass
FX
S6
*3)
C14 470pF
R30 47k
C15 22nF
C16 22nF
P3 250k/lin Treble
P4 1M/log Bass
P5 25k/lin Mid
P6 1M/log OD MV
P7 1M/log Normal MV
VR3 VTL5C1
VR4 VTL5C1
S5
Bright
Norm
Clean
Crunch
S4
R6 470k
R10 470k
C5 470pF
R15 100k
C8 120pF
C7 22nF
R17 2,2M
236V
P2 500k/log Normal Volume
V1A 12AX7
R7 150k (39k) *3)
R16 2k2
2,1V
R18 330k
*1) Remove or lower C9, to add some bite to the OD channel.
*2) Increase R7 from 39k up to 220k (preferred value 100-150k) for more Bite in Clean-Mode of Normal channel
*3) Add the FX bypass switch for a more open sound characteristic in bypass mode. This amendmendment affects the sound characteristics of both crunch and OD channel.
Option: External Bias Check & Adjust
S8.
to V6/8
to V7/8
to V8/8
to V9/8
Bias Check + X11
Bias Check - X12
Option: Preamp Out
Preamp Out
X7
Poweramp In
X8
Option: Poweramp In
356V B2
463V
V6 KT66/5881/EL34
V7 KT66/5881/EL34
462V Screens
Plates
234V
26,6V
V5B 12AX7
V5A 12AX7
28V
218V
C17 22nF
R31 1M
R32 10k
R33 470R
R34 1M
C18 100nF
C19 100nF
R36 82k
R37 100k
C21 47nF
C20 47pF
C22 47nF
R38 220k
R39 220k
BIAS -59V
R40 2k2
R41 2k2
R42 2k2
R43 2k2
461V
R49 1R
R50 1R
R51 1R
R52 1R
R45 1k/5W
R46 1k/5W
R47 1k/5W
R48 1k/5W
V8 KT66/5881/EL34
V9 KT66/5881/EL34
463V
rd
wh
bn
New Sensor MOP 100
S7.
16 gn
8 ye
4 bk
bn
Loudspeakers
X4
X5
P8 25k/lin Presence
R44 4k7
R35 39k
Option: Depth Control
C23 100nF
C24 4,7nF
P9 1M/log Depth
R53 6k8
P10 10k/lin Slave Level
Option: Slave-Out
X6
Slave Out
Safety Information & Disclaimer
The devices and circuits described in this document use or generate potentially electric voltages and currents and may cause lethal electrical shocks or serious injury! If you are not a legal adult (21 years old) or experienced working with dangerously high voltages, do not attempt to follow any of the guidelines or procedures outlined in this documentation without supervision from an adult expert.
The information provided in this document is provided "as is" with no warranties offered for accuracy or reproducibility. Any individual, corporation, group or body of any description or legal entity attempting to use the information provided in this document, do so entirely at their own risk.
This document contains preliminary information.
Project:
SLO-100
Preamp & Poweramp
Filename: slo-100_0_7
REV: 0.7
Drawn by: Joachim Müller
Date: 16.10.2007 21:13:57
Sheet: 1/1