# Layout AC 30 Normal and Top Boost Channel

by Markus Breier, last edited 19.12.2009

Bright Input
J4 High
J3 Low
Normal Input
J2 High
J1 Low
R3 1M
R2 1M
P2 (Volume) 500k log
P1 (Tone) 500k log
P3 (Volume) 500k log
P4 (Bass) 1M log
P5 (Treble) 1M log
P7 (Master) 2x 250k log
P6 (Cut) 500k log
R6 100k
C3 4nTF / 630V Mallory 150
C5 68pF
C6 68pF
R17 10k
R35 2M2
R36 2M2
C19 4nTF / 630V Mallory 150
R1 68k
R3 68k
R5 220k
R8 68k
R10 68k
C4 0.1nF / 630V Mallory 150
R11 1k5
R4 1k5
C1 22u 350V
C2 1pF / 630V Mallory 150
R13 1k5
C7 22u 350V
C8 22nF / 630V Mallory 150
C10 22nF / 630V Mallory 150
47pF
C9
R7 100k
R18 220k
C13 22nF / 630V Mallory 150
R26 1M
R21 100k
R20 1k5
C12 4.7u 350V
R25 1k5
C14 22u 350V
C15 22nF / 630V Mallory 150
2W2 82R
R31 47k
C16 22nF / 630V Mallory 150
C17 47nF / 630V Mallory 150
C18 47nF / 630V Mallory 150
R33 100k
R34 100k
A B C D
Stern Preamp
AFEM 6A 250VAC
PE 6A 250VAC
8 Ohm
16 Ohm
P8 (Send Level) 25k log
C11 22nF / 630V Mallory 150
R22 470k
Send D
Return
B
SW 3
C
A
P9 (Return Level) 50k log
Stern Loop
2A slo
PE
Hauptstern
Schutzleiter
R47 22k
R46 22k
C21 22uF 450V
C25 33uF 350V
R48 10k
C22 22uF 450V
C23 10uF 350V
C24 22uF 350V
Stern Netzteil
+ 220uF/63V
R41 68R /11W 10%
Stern Poweramp
Drossel
6,3 V
230 V pri.
285 V sec.
5 V
R37 1k5
R38 1k5
R39 1k5
R38 1k5
R42 470
R43 470
R44 470
R45 470
Ausgangsübertrager