

Matteo 10W Power amp
Bill of material

10W Power Amp Matteo mod 1805/60		
Bill of material		
Resistors	Value	Note
R1	1,5K	1/2 W
R2	470K	1/2 W
R3, R19	15K	1/2 W
R4, R7	100K	1/2 W
R5, R6	10K	1/2 W
R8	1M	1/2 W
R9, R12, R22, R23 R29	4,7K	1/2 W
R10	100K	1/2 W
R11,	3,3K	1/2 W
R13	820K	1/2 W
R14	220K	1W
R15	4,7K	2W
R16, R18	15K	2W
R17, R28	820Ω	1/2 W
R20, R21	220K	1/2 W
R24, R25	390Ω	3W see text
R26, R27		see text
R30 thru 35	1K	1/2 W
R36	22K	1/2 W
RL	100K	see text
P1 bass control	2 x 500K	log type
P2 treble control	2x 1M	log type
P3 Volume control	2 x 100K	log w/ loud tap
P4 DC balance	100Ω	wire wound
Capacitors		
C1	100K	400V
C2, C7, C9, C10	470K	400V
C3, C5	2,2K	400V
C4	22K	400V
C6	220p	400V
C8	250K	400V
C11, C12, C13, C14,C16	100MF	50V
C15	68K	100V
C17, C18	100MF	450V
C18, C19	60MF	450V paper/oil
C20	10MF	450V
C21	47MF	450V
Mixed part		
T1 Power trasformer	Custom	See schematic
TU Output trasformer	10W PP	Hammond 1608
Z1 Impedence	5 H	100 mA
Z2, Z3 Impedence	2,3H	200mA
Relays board	12V	Feme -mini
Led's	Green	Q.ty 7
Meter	1 Ma	see text
Power diode	800V 3A	1N 5408 or similar
Signal diode		1N 5818 or similar
LX 868 PS regulator		Kit +/- 12V 0,5 A
Push button switches		Six buttons x 3 way
V1 thru V5		See schematic
Chassis		Custom