

Resistors (¼ Watt, 5%)	
R1 – R5	220 Ohm
R6	470 Ohm
R7, R8	1.2k
R9	10k
R10	47k
Capacitors 16V	
C2	0.01uF (disc, ceramic)
C5-C9	0.1uF (disc, ceramic)
C12	10uF (electrolytic)
C13, C14	1000uF (electrolytic)
Semiconductors	
D1,D2	1N4148 diode
D6, D7	Led (red, green)
Q1	2N3904 NPN transistor
IC1	4N28 optocoupler
IC2	74LS00
IC4	7805
IC5	7812
IC6	7912
BR1	BR 80V/1A rectifier
Misc	
2	LED socket
TR1	print transformer 2x9V/5VA
X1, X2, X3	DIN jack 5pol. 180°
F1	fuse 500mA quick
Push button	closing (reset)
Switch	230V main switch
X4,X5	audio jack (chinch)
X5	Sandwich connecting plug (2x13), high enough (matching with spacer bolts)
1	Fuse holder 20 mm, insulated
2	Heatsink (for 7805 and 7812)
1	enclosure min. 42 mm in height , min 14cm x 6cm
4	M3 spacer bolts 20 mm or 35 mm (depending on height of connecting plug), M3 screws and insulating plastic M3 shims
1	Perfboard