



## EQP501 Parts list

All the components in this list are included in the kit  
Tous les composants de cette liste sont inclus dans le kit

Reference	Value	Qty	Description	Marking
R19, R20	1R	2	Resistor 1%, 1/4W	BRN-BLK-BLK-SLV-BRN
R14, R15	5R6	2	Resistor 1%, 1/4W	GRN-BLU-BLK-SLV-BRN
R1, R2, R9, R24	75R	4	Resistor 1%, 1/4W	VIO-GRN-BLK-GLD-BRN
R23	1K2	1	Resistor 1%, 1/4W	BRN-RED-BLK-BRN-BRN
R18	1K	1	Resistor 1%, 1W	BRN-BLK-BLK-BRN-BRN
R12	1K62	1	Resistor 1%, 1/4W	BRN-BLU-RED-BRN-BRN
R21, R22	2K2	2	Resistor 1%, 1/4W	RED-RED-BLK-BRN-BRN
R17	4K7	1	Resistor 1%, 1/4W	YEL-VIO-BLK-BRN-BRN
R7, R8, R25	10K	3	Resistor 1%, 1/4W	BRN-BLK-BLK-RED-BRN
R5, R6, R13	15K	3	Resistor 1%, 1/4W	BRN-GRN-BLK-RED-BRN
R3, R4, R10	100K	3	Resistor 1%, 1/4W	BRN-BLK-BLK-ORG-BRN
R11, R16	470K	2	Resistor 1%, 1/4W	YEL-VIO-BLK-ORG-BRN
C5, C6	47pF	2	Capacitor Ceramic	470
C1, C2, C16	100pF	3	Capacitor Ceramic	101
C19	470pF	1	Capacitor Ceramic	471
C7, C8, C57	100nF	3	Capacitor Ceramic	104
C18	1.5nF	1	Capacitor Film	1500
C35	2.2nF	1	Capacitor Film	2200
C20, C37, C39	3.3nF	3	Capacitor Film	3300
C22	4.7nF	1	Capacitor Film	4700
C24, C26, C41	6.8nF	3	Capacitor Film	6800
C28, C30	10nF	2	Capacitor Film	0.01
C32, C34, C38, C42	15nF	4	Capacitor Film	0.015
C36, C40, C43	22nF	3	Capacitor Film	0.022
C44	33nF	1	Capacitor Film	0.033
C45, C54	47nF	2	Capacitor Film	0.047
C46	68nF	1	Capacitor Film	0.068
C47, C55	100nF	2	Capacitor Film	0.1
C56	220nF	1	Capacitor Film	0.22
C48	330nF	1	Capacitor Film	0.33
C12, C17, C49	470nF	3	Capacitor Film	0.47
C50	680nF	1	Capacitor Film	0.68
C51	1uF	1	Capacitor Film	1u
C52	1.5uF	1	Capacitor Film	1.5u
C53	2.2uF	1	Capacitor Film	2.2u
C21, C23, C25, C27, C29, C31, C33	NC	7	Not connected	1000
C3, C4	BP47uF-35V	2	Capacitor Electro, Bipolar	
C9, C13	BP100uF-16V	2	Capacitor Electro, Bipolar	

C10, C11, C14, C15	330uF-25V	4	Capacitor Electro Low ESR, 105°	
L1	6uH or 10uH	1	Inductor	<b>6uH</b>
L2	150mH	1	Multi tap Inductor	
T1	Ratio 1+1:1+1	1	Line output transformer	
D1, D2, D3	1N4004	3	Rectifier diode	<b>1N4004</b>
D4	Green	1	2 mm LED	
U1	OPA2134	1	Dual Op-Amp	<b>OPA134</b>
A1		1	DOA	
Q1	2N7000	1	N channel FET transistor	<b>2N7000</b>
SW2, SW3	2 x 6 pos	2	Rotary switch 2 x 6	
SW1	1 x 12 pos	1	Rotary switch 1 x 12	
CN1a, CN2a	2x5 pins	2	DIL 2.54 socket 2x5 pins	
CN3b	2x10 pins	1	DIL 2.54 socket 2x10 pins	
CN1b, CN2b	2x5 pins	2	DIL 2.54 header 2x5 pins - 25 mm	
CN3a	2x10 pins	1	DIL 2.54 header 2x10 pins 90°	
	8 pins	1	IC socket	
		7	1mm pin socket	
TP1...TP3, V+, V-, 0V		6	Test pin	
P3	1KA	1	Potentiometer	<b>1K LINA</b>
P2	2K2A	1	Potentiometer 58 mm	<b>2K2 LINA</b>
P1	10KA	1	Potentiometer	<b>10K LINA</b>
P4	10KB	1	Potentiometer	<b>10K LOGB</b>
P5	100KB	1	Potentiometer 58 mm	<b>100K LOGB</b>
		3	6mm/3mm shaft adapter	
RLY1		1	Submin relay DPDT 24V	
Main PCB		1	PCB	
Knob		3	12.7x3 mm aluminium knob, black	
Knob		2	12.7x6 mm aluminium knob, black	
Knob		3	19x6 mm aluminium knob, red	
		1	EQP501 front panel	
		1	Side plate	
	M3x6	5	Black screw countersunk	
	M3x6	9	Screw	
	M3x10	1	Screw	
	M3x6	4	Screw countersunk	
	M3x3	3	Screw - without head	
	M3	5	Lock washer	
	M3	2	Washer	
	M3x15	3	Spacer	
	M3x25	5	<sup>2</sup>	
	M3x25	3	Spacer	
	M3	3	Nut	
Schematic Rev 1.2 - PCB Rev 1.3				

<b>SK25 Discrete Op-Amp</b>				
R12, R13	5R6	2	Resistor 1%, 1/4W	<b>GRN-BLU-BLK-SLV-BRN</b>
R10	22R	1	Resistor 1%, 1/4W	<b>RED-RED-BLK-GLD-BRN</b>
R7	39R	1	Resistor 1%, 1/4W	<b>ORG-WHT-BLK-GLD-BRN</b>
R2, R3, R11	100R	3	Resistor 1%, 1/4W	<b>BRN-BLK-BLK-BLK-BRN</b>
R9	220R	1	Resistor 1%, 1/4W	<b>RED-RED-BLK-BLK-BRN</b>
R1, R4, R5, R8	2K2	4	Resistor 1%, 1/4W	<b>RED-RED-BLK-BRN-BRN</b>
R6	22K	1	Resistor 1%, 1/4W	<b>RED-RED-BLK-RED-BRN</b>
L1	22uH	1	Inductor	<b>RED-RED-BLK-SLV</b>
C1	100pF	1	Capacitor ceramic	<b>101</b>
C2	220pF	1	Capacitor ceramic	<b>221</b>
D1, D2, D5, D6, D7, D8, D9	1N914	7	Signal diode	<b>914 or 4148</b>
D3	Red	1	Red LED	
D4	5.1V	1	Zener diode	<b>BZX55C 5V1</b>
Q1	BC560C	1	PNP small signal transistor	<b>BC560C</b>
Q2, Q3	KSA992	2	PNP small signal transistor	<b>A992</b>
Q4, Q5, Q6	BC550C	3	NPN small signal transistor	<b>BC550C</b>
Q7	BC556C	1	PNP small signal transistor	<b>BC556C</b>
Q8	BC546C	1	NPN small signal transistor	<b>BC546C</b>
Q9	BD139	1	NPN power transistor	<b>BD139</b>
Q10	BD140	1	PNP power transistor	<b>BD140</b>
		6	connecting pin (golden)	
PCB		1	PCB	
Power transistor assembly	M3x12	2	Screw pan head	
Power transistor assembly	M3x20	1	Spacer	
(1) Data can be changed without notice			(1) Les donnée peuvent être modifiées sans préavis	
Last modified : 04/02/2026				