

BOM

Resistors		Capacitors	
R1	1m	C1	1uf
R2	22k	C2	10uf
R3	100k	C3	1uf
R4	100k	C4	1uf
R5	220k	C5	100uf
R6	47k	C6	10n
R7	220k	C7	22n
R8	220k	C8	1uf
R9	10k	C9	1uf
R10	10k	C10	1uf
R11	10k	C11	1n
R12	10k	C12	1uf
R13	2k7-4k7	C13	100uf
		C14	10uf
Pots		C15*	22n*
BASE	100k B	C16	1uf
SUB	100K B		
UP	2k B	Diodes	
LEVEL	100k A	D1	1n4148
DOWN	100k B	D2	1n4148
FILTER	5k B	D3	1n4001
		D4	LED 3mm
IC			
IC1	LM386	Transformers	
IC2	CD4024BE	XFM1	TM011-R
IC3	TL072		

C15* this cap is in charge of the tone pot response. 22Nf is the value on the original unit but I found that's pretty useless this way. Its recommendable to experiment with higher values, such as 220nf.

Shopping list

Resistors		
2	100k	R3, R4
4	10k	R9, R10, R11, R12
1	47k	R6
3	220k	R5, R7, R8
1	22k	R2
1	1m	R1

1	2K7-4K7	R13
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Potentiometers

1	100k A	LEVEL
3	100k B	BASE, DOWN, SUB
1	5k B	FILTER
1	2k B	UP

Capacitors

2	22n	C7, C15
1	1n	C11
1	10n	C6

Electrolytics

8	1uf	C1, C3, C4, C8, C9, C10, C12, C16
2	10uf	C2, C14
2	100uf	C13, C5

Diodes

2	1N4148	D1, D2
1	LED.1	D4
1	1n4001	D3

Ics

1	LM386	IC1
1	TL072	IC3
1	CD4024BE	IC2

Transformers

1	42TM011	
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General Building notes

To populate the PCB it's recommended to follow this order.

1. Resistors & diodes
2. IC Sockets (set up the proper IC at last)
3. Capacitors, starting with the smaller ones and the ceramic ones.
4. Electrolytic capacitors (always check the polarity)
5. Transistors
6. Wires

7. Potentiometers
8. Off board wiring

Drilling the enclosure

This Project has been planned to fit into a 125B enclosure type.

Check the Attached “Drilling templates” to drill the box properly. The files are on Scale 1:1, ready to print in a A4 page.

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