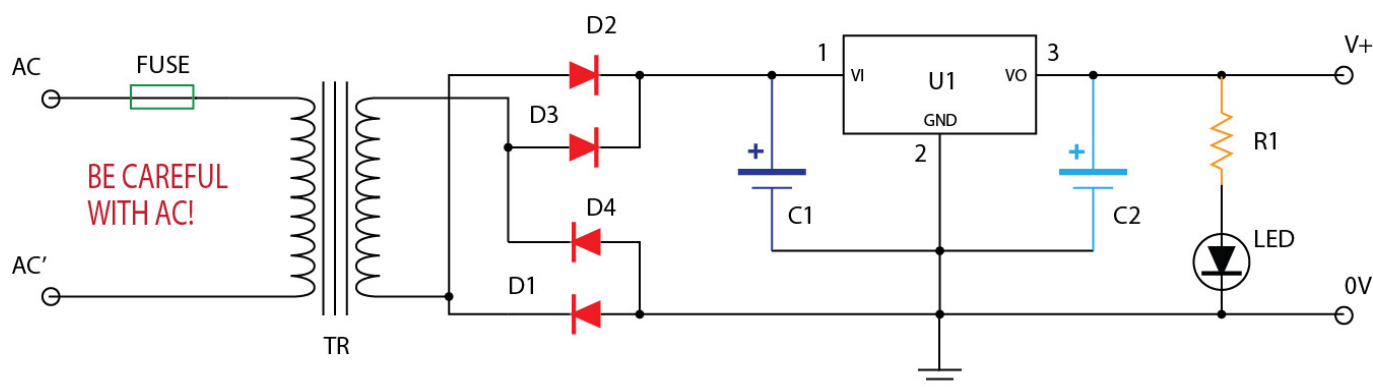


Power Supplies

Find Here some schematics for DIY Power Supplies. It could help to power your midibox !

/!\ Be Aware of high voltages! - Stay Safe ! /!\

+5V DC / +9V DC / +12V DC



5V-9V-12V DC Regulated Power Supply - Current output : 1A

5V Parts List

Value	Type	Qty	Designation
LM7805	VR	1	U1
1N4007	Diode	4	D1,D2,D3,D4
220	Resistor	1	R1
22μF/25V	Capa Elec	1	C2
2200μF/40V	Capa Elec	1	C1
S05K400	Varistor	1	VR
9VDC 15VA	Transfo	1	TR

9V Option

Replace: U1 by LM7809 TR out> 12VDC R1 > 390ohms

12V Option

Replace: U1 by LM7812 TR out> 12VDC R1 > 510ohms

For Fine Voltage Tuning replace R3/R7 by a 2K Multi turns Trimpot.

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