

# CONTROL MODULE ASSEMBLY

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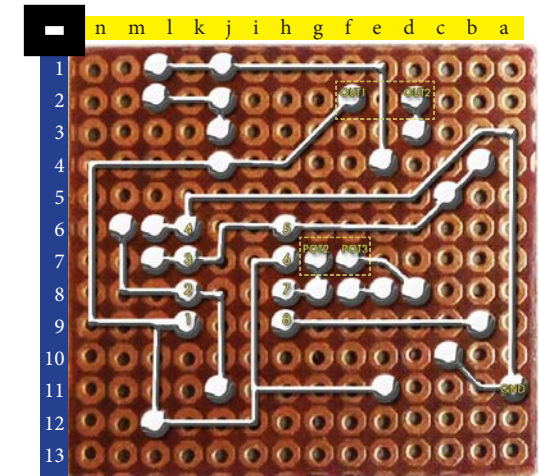
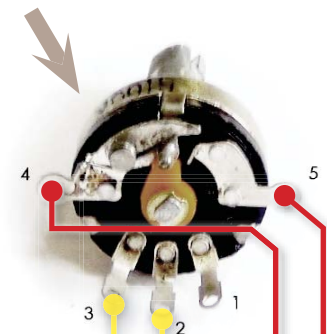
## Connect the 100k potentiometer

Potentiometer or “pot” is a variable resistor with a built-in switch usually used for turning power on. This configuration is very common back in the days of portable “transistor radio”. When not available, a discrete variable resistor and a toggle or pushbutton switch can do the trick always.

- » Hook up a wire with the desired length from G7 to the middle terminal (#2 of the variable resistor side) of the pot. Connect G7 & G8.
- » Hook up another wire of the same length between F7 to terminal #3 of the pot. Connect a lead wire between F7 & D8.

Inserting a stranded hook up wire may be difficult, you need to tin it with solder first. Please see the Proper Soldering Section on this chapter.

Check the integrity of the connection.

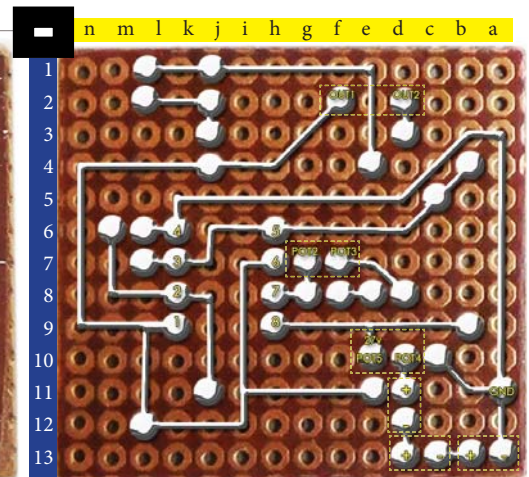
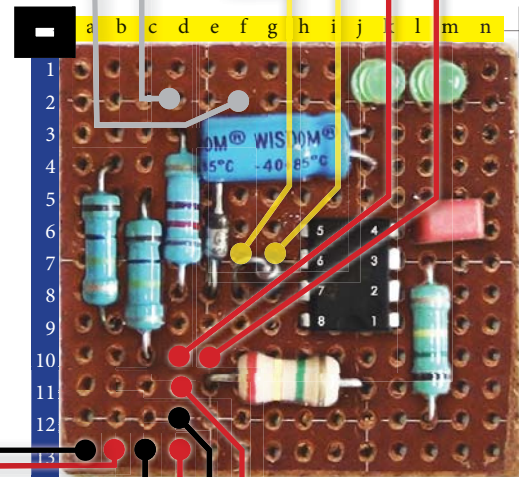
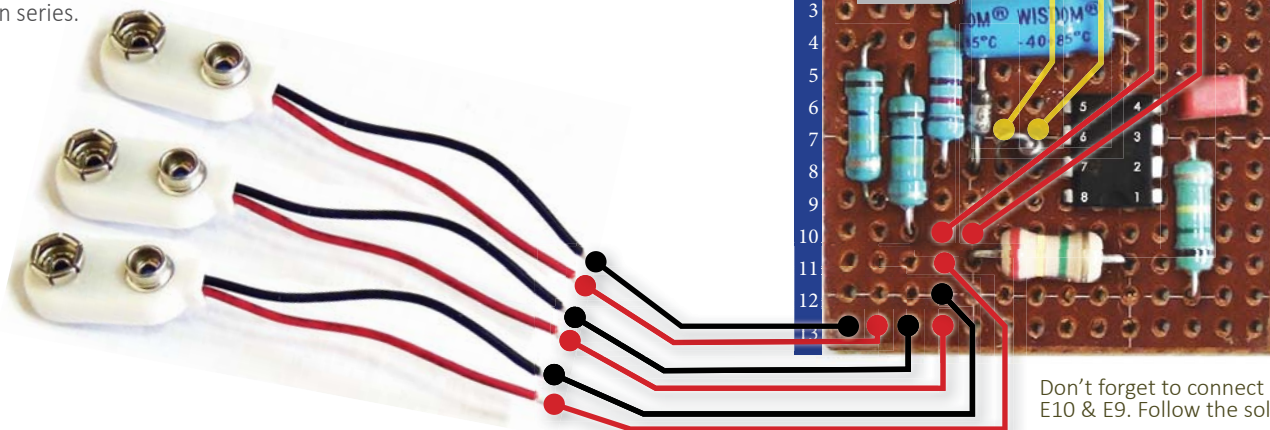


Potentiometer terminals: 4 & 5 » power switch; 1, 2 & 3 » variable resistor. Just use terminals 2 & 3 to control current intensity.

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## Connect the three battery clips in series

- » Follow the wiring and soldering diagrams below when soldering the battery clips in series.



Don't forget to connect each pair: B13 & C13... D13 & D12... D11 & D10... and E10 & E9. Follow the soldering diagram above.