

Application No. 90: Serial connection of batteries

Author: Federico Filoni, Manno, Switzerland

Thanks to the conductivity of SuperMagnets!

Hello team supermagnete!

I like to play around with electronics and can make use of your magnets for a very practical purpose. Often I require a specific voltage but I don't have professional tools or the classic serial connection box. Then I thought of your magnets, because I can easily use them to build my own serial connector using individual batteries.



To connect standard AA-batteries I used small disc magnets (www.supermagnete.de/eng/S-08-03-N) which you gave me free with my one of my orders.

You need only one magnet between each of the batteries...



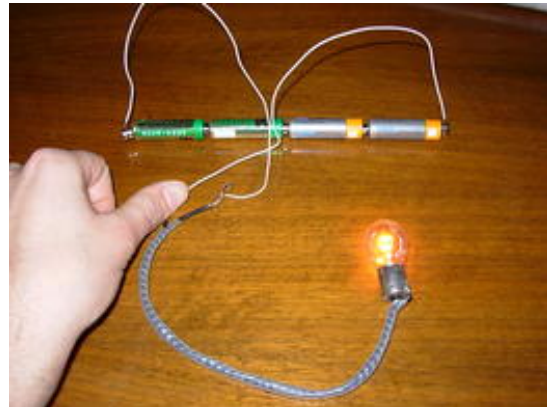
... and at the end of the row of batteries you trap a bit of wire between two magnets.



Given the strong attractive force between the super magnets, it is advisable to place the magnets with alternating poles (N/S/N/S) because even with a battery between them, they can reject each other.



Look at that: it works wonderfully :-)



Articles used

S-08-03-N (www.supermagnete.de/eng/S-08-03-N)

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