



Dancing Puppet

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This demonstration employs the “PumpSpark” in order to make a puppet dance to the music.

➤ How does the puppet move?

A couple of PumpSparks inflates a rubber balloon by filling it with water. The water in the balloon goes back through the pump by the inner pressure of the balloon when the pump is deactivated. Two pumps are connected to one balloon in a serial-parallel way to get water pressure enough to inflate the balloon. This demonstration put this balloon in the puppet as the “muscle” in order to make the puppet dance. The puppet dances to the music by moving arms, body, and eye. In addition, small puppets go up and down.



➤ How does the each part move?



Internal image

