DIY-ELECTRONIC SHOPPING LIST

Order a kit with all the parts you need from Felix of the Labor Lucerne – labor@laborluzern.

If you prefer to organise the parts yourself there are lots of different companies providing electronic components. Following we can give you some ideas where to get them easely. I'm sorry we cant provide details about where to get them world wide (there are a few companies we know of existing world wide like Farnell, Reichelt, Mouser). For Switzerland try out these: Go and get a Kit in Labor Lucerne, Pusterla Zürich (Shop), Play Zone (online), Bastelgarage.ch (online), Distrelec (online), Conrad (Shop&online). In England check here: Cool Components (online), Pi Hut (online), RS (online), Farnell (online). In America we know : Robot Shop (online), Adafruit (online) Sparkfun (online).

I hope you can borrow or share a soldering iron and some solder. In case you dont get hold of any soldeing iron, use crocodile clips instead.

Labor Lucerne wont be open on the eve but will be with us online!

How the object will look like at the end, we will let up to you... stick it on a tupperware or on a stuffed toy or onto a tin...

PARTS

In case you have an old broken gadget lying around it is always worth to rip it apart to see if you can use components out of there. Often you find a motor or potentiometer...

Following you find the parts we need:

1   Any small DC-Motor
2   Contact Mic (Piezo)
3   one Resistor 1K
4   one Transistor NPN (2N3904 or PN2222A)
5   one Battery Clip for 9v Battery
6   one 9v Battery
7   one Potentiometer 1K
8   two audio Jacks **
9   eight crocodile clips (you only need if you dont solder!)
10 cable & solder (you dont need in case you work with crocodile clips)

get a Kit of Labor Lucerne for 12.- or 15.-

 ** It depends where you wanna plug your toy into. So please check if you need two 3.5mm audio jacks or two 6.35mm audio jacks for your amplifier/sound system

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8   2.5mm   6.35mm

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