**SOL-EXPERT group**, C.Repky Mehlisstrasse 19, D-88255 Baindt Tel.: +49 (0)7502 - 94115-0 Fax: +49 (0)7502 - 94115-99 info@sol-expert-group.de www.sol-expert-group.de







Parts list		
Qty.	Component	Value
1	Wooden parts kit	Multiple parts
1	Glue with sandpaper	20 grams
1	Circuit board	50 x 36 mm
1	Resistor	680 kOhm
1	Diode	1N4001
2	Capacitor	150 nF
1	Capacitor	220 nF
1	IC socket	16 pole
1	Potentiometer	220 kOhm
6	Capacitor	100 uF
1	IC	TEA 2025
2	Red cable	15 cm
2	Black cable	15 cm
4	Screws M4 x 10	M4
4	Nut M4	M4
1	Loudspeaker	5 Watt / 8 Ohm
2	Screws M2 x 10	M2
2	Nut M2	M2
1	Switch	Commutator
1	Cable with cinch connector	approx. 45 cm
1	Cable tie	black
1	Battery clip	for 9 V block
8	Wooden screw	2 x 12
1	Battery	9 volt block 6F22

Active speakers for smartphones and MP3 players, soldering kit

> We recommend: adult supervision during assembly and soldering!



# AADE IN GERMANY

# HINWEIS - NOTE - REMARQUE - LET OP!

 (DT) Eine ausführliche Anleitung in deutscher Sprache liegt der Verpackung bei. Die Anleitungen in den Sprachen Englisch, Französisch und Niederländisch können kostenlos in unserem Shop heruntergeladen werden.
(EN) Instructions in German are enclosed in the packaging.
The instructions in English, French or Dutch can be downloaded in our shop for free. (FR) Des instructions en allemand sont fournies avec l'emballage.
Les instructions en anglais, français, et néerlandais sont à télécharger gratuitement dans notre boutique. (NL) De Duitse handleiding is bij de verpakking inbegrepen. De handleidingen voor de talen Engels, Frans en Nederlands kunnen gratis in onze shop worden gedownload.

### You will need:

Soldering iron, solder, tweezers, small screwdriver, side cutters, small phillips srewdriver, hammer

## The active speaker for smartphones and MP3 players

**General:** This soldering kit is intended as a simple introduction to the basics of soldering. It is ideal for guided soldering courses in school and workshops. The active speakers can further be used in holiday programmes, school camps and other events related to soldering.

# The function of the active speaker for smartphones and MP3 players

This soldering kit contains all parts necessary to make a fully functional active speaker for mobile phones and MP3 players, with a stylish wooden case. Soldering and glueing are the most important aspects of the task. And thanks to the wonderful step-by-step instructutions, this project will also be a success. The reward: take away a wonderful sound (battery operated). Open your music app, connect the speaker, turn it on, and you are off! The battery is included in delivery.

### **Safety Notes**

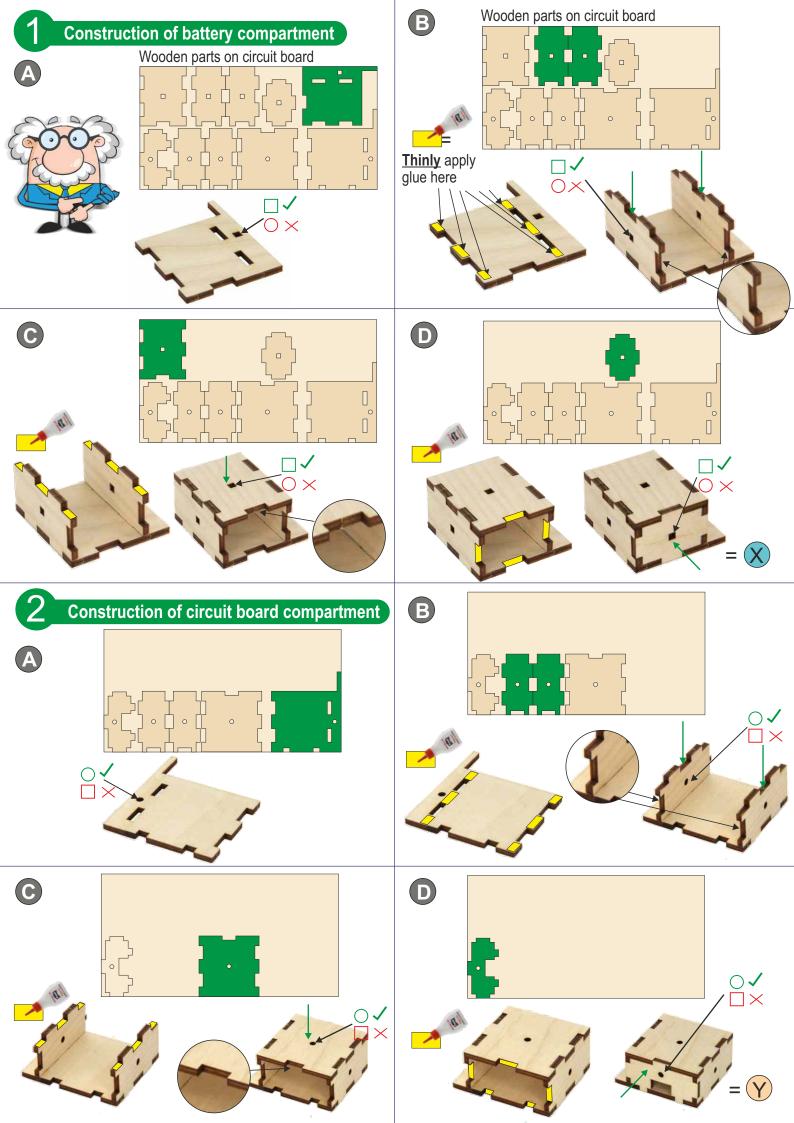
- Keep these instructions in a safe place for future reference! They contain important information.
- If the storage battery is flat, only replace it with a new battery with the same specifications. (9 V block 6F22)
- This kit is only intended for battery operation.
- The soldering iron, the solder and the components being soldered become very hot during soldering. Be very careful!
- Always use a soldering base when soldering! This will prevent the components and the board from slipping.
- We recommend a soldering iron stand to hold the soldering iron safely during assembly.
- Never connect the kit to 230 V mains voltage! Acute danger to life!

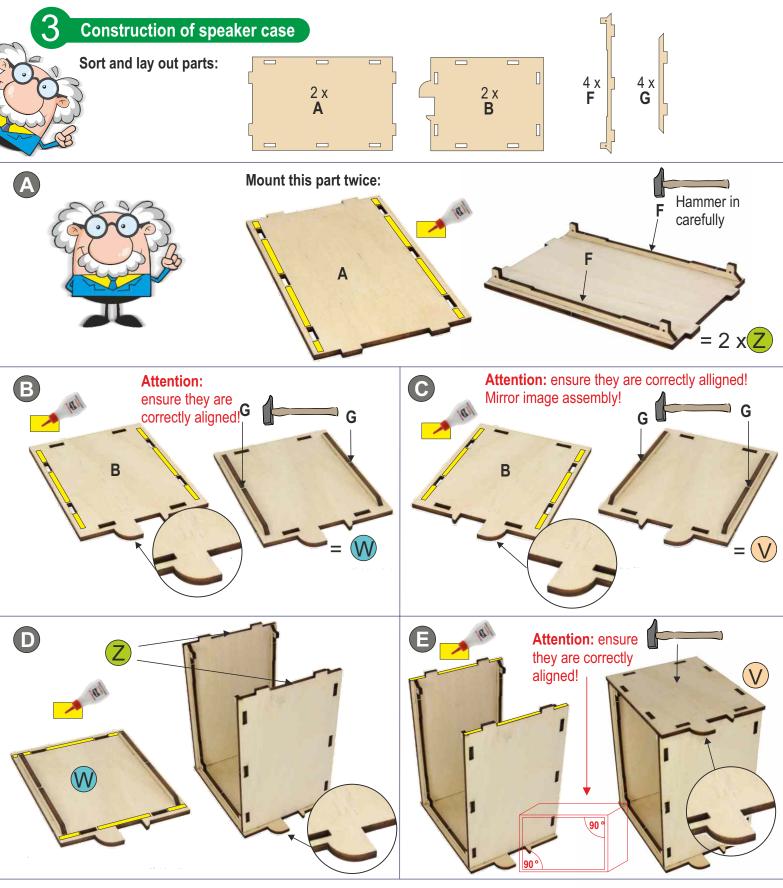
# Environmental Warnings

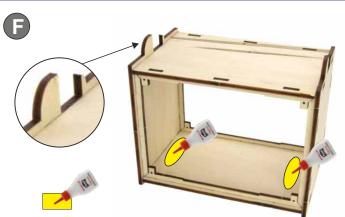
**General:** Please return the circuit board to a certified disposal company at the end of its useful life. They will ensure the circuit board is disposed of in accordance with the law. This is environmentally friendly and actively contributes to the protection of the environment.

**Battery Ordinance:** You have purchased a battery-operated product from us. Used batteries must not be discarded in the household waste. Consumers are legally obligated to return batteries to a suitable collection site.Used batteries contain valuable raw materials which are recyclable. You may also send your batteries to: SOL-EXPERT group, Mehlisstrasse 19, 88225 Baindt.



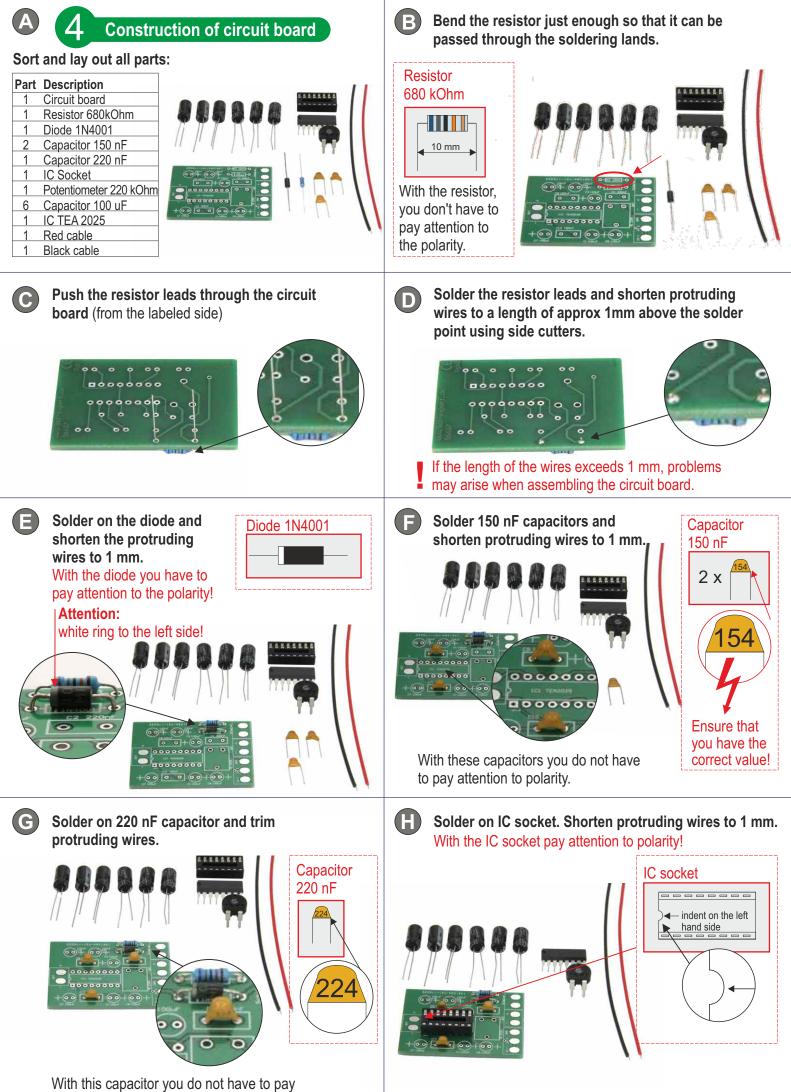






Place the circuit board and battery compartments in the glue and push them forwards until they touch the end.





attention to polarity.

