



The 'Blinking Heart' soldering kit is excellent to practice soldering on a circuit board. Over 30 parts are soldered onto the circuit board step by step according to the instructions. Once the kit is assembled the heart can be operated in steady or blinking mode. In blinking mode you can then also adjust the blink speed via the potentiometer. So you can send messages, e.g. slow blinking: I love you - rapid blinking: I really love you! Decorate the included plywood front any way you'd like and install if desired. The 'Blinking Heart' electronics building kit is powered via power bank or via USB port. This eliminates costly batteries.

Dimensions: 70 x 70 mm. **Age recommendation:** From 10 years on, **Number of components:** 35 Stück, **Assembly time:** 40 min. **You will also need:** Soldering iron, solder, wire cutters, tweezers, power bank or USB port

Safety notes:

- **ATTENTION! Not suitable for children under 3 years, risk of choking on small parts.**
- **We recommend:** Supervision of the construction and the soldering process by an adult person!
- Keep this manual for future reference! It contains important information.
- The soldering iron, solder and the parts being soldered become very hot. Be very careful!
- Always use a mat when soldering! This prevents parts and the circuit board from slipping.
- We recommend using a soldering iron holder to set the soldering iron down safely during use
- This kit is intended for USB power only. **Never connect the kit to 230 V mains voltage! Acute danger to life!**

For instructions, please click here:

Firmenschrift aufbewahren - Nicht wegwerfen für Kinder unter 3 Jahren - Verschleißbare Materialien. Keep the address of the company - Not suitable for children under 3 years - Contents small parts. Veuillez conserver l'adresse. Ne jetez pas pour les enfants de moins de 3 ans. Contiene de pequenas piezas, no es apto para niños menores de 3 años. No se debe tirar sin supervisión. Guardar dirección. No tirar sin supervisión.

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MADE IN EUROPE

10+
RoHS

Return the device to the soldering provider at the end of its useful life!

No. 76336

4 803 73 73 76 33 6 8

ASSEMBLY INSTRUCTIONS

A Circuit board direction for soldering: 'RoHS' must be visible, then the board is on the correct side.
Solder 5 resistors into place, paying attention to the resistances. The resistor polarity is not important!

Parts needed

- 2 x 3K9 Ohm
- 1 x 620 Ohm
- 2 x 56 Ohm

B Trim excess wires.
After soldering, use wire cutters to trim the excess wires at the back to approx. 2 mm.

C Solder switch in place. Trim excess wires.

Parts needed

- 1 x Switch

Bend the resistor wires so they slide easily between the lands!

QR Codes

<p>Hier geht es zur Anleitung:</p> <p>Misc2/www.sol-expert-group.de/Random/Listen/Pflege-Liste/auswählen/Lotbauwerkzeuge-mit-Broschüren/</p> <p>Direkt zur Nr.: 1253.Nm7Tangage.de</p>	<p>Click here for the instructions:</p> <p>Misc2/www.sol-expert-group.de/Kit/about/soldering/Smart-kits-for-soldering/Solder-kit-Heart-with-Blinking-Function-and-potentiometer-light:1253.Nm7Tangage.de</p>	<p>Cliquez ici pour les instructions:</p> <p>Misc2/www.sol-expert-group.de/Autor-de-la-roulure/Kit-matériau-pour-la-soudures/Construire-le-kit-de-soudures-avec-fonction-clignotement-et-lumière:1253.Nm7Tangage.de</p>	<p>Klik hier voor de instructies:</p> <p>Misc2/www.sol-expert-group.de/Rond-solderen/Over-45-voor-het-solderen/Soldering-kit-met-voorziening-functie-schakelaar-en-potentiometer:1253.Nm7Tangage.de</p>
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Parts list	Check and sort out parts	Value/Description
1	Circuit board	76320
20	LED 5 mm	Colour red
2	Resistor (R5/R6)	3K9 Ohm
2	Resistor (R1/R4)	56 Ohm
1	Resistor (R7)	620 Ohm
2	Capacitor (C1/C2)	47 uF/10V
2	Transistor (T1/T2)	BC177

Heart with blinking or steady lights soldering kit, powered via power bank or USB port

