

team 5: safe

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safe building

- wooden box; glueing acryl glass on top of it
 - Use acrylic glass and a cnc mill
 - Use a donation box like in the picture
- > replace the existent lock by electronic lock



https://displayzentrum.net/images/product_images/info_images/losbox-schloss_2091_0.jpg; 7.11.19

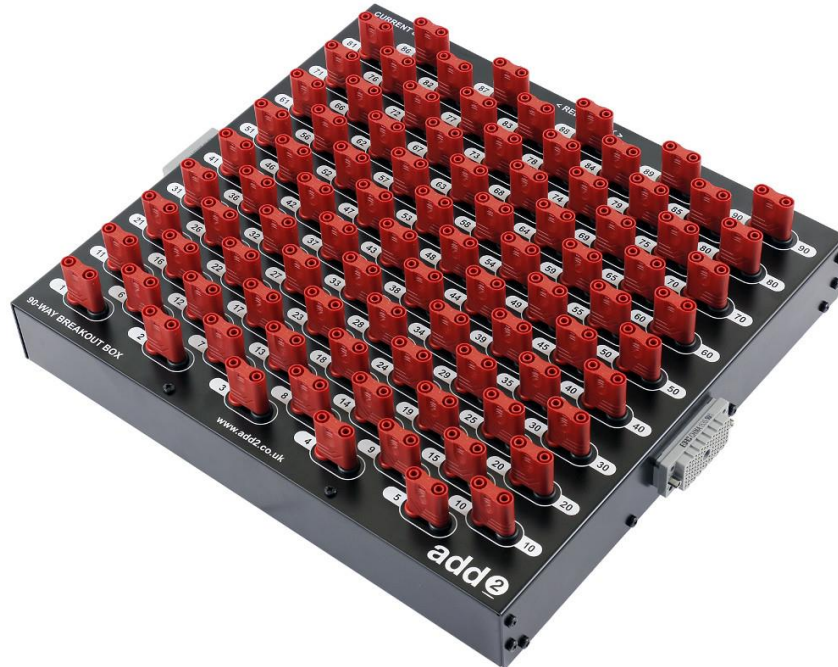
Puzzle - general idea

- safe has first to be connected to power lines -> one or two puzzles
 - Puzzles with „electronical“ background
- puzzle to open the safe -> one or two puzzles

=> Combine puzzles

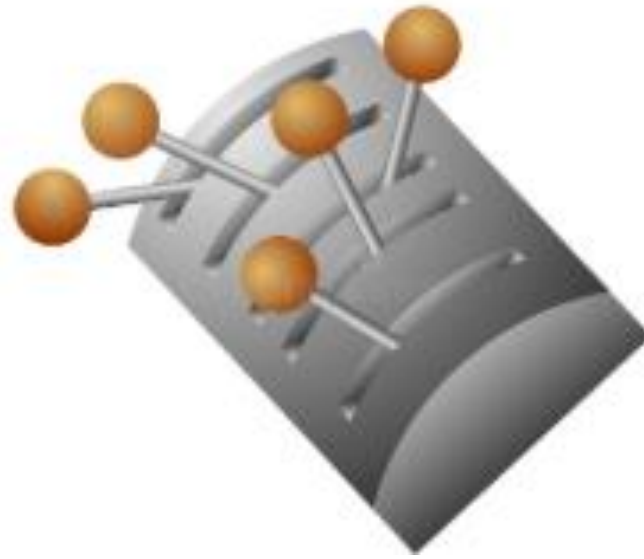
possible puzzles to activate the safe

- Find the correct resistor to generate the correct voltage
- Labelled with resistance
- Array of banana jacks



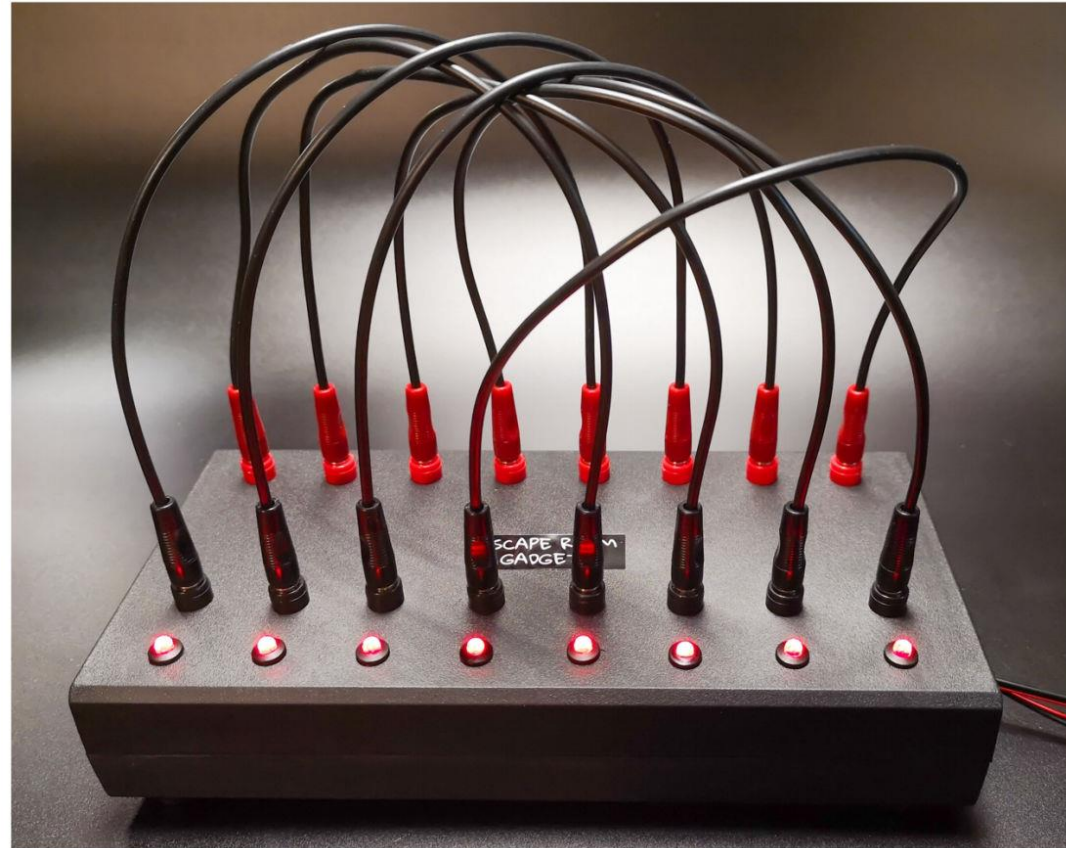
possible puzzles to activate the safe

- Switching levers in correct order
- multiple puzzles with boolean answers



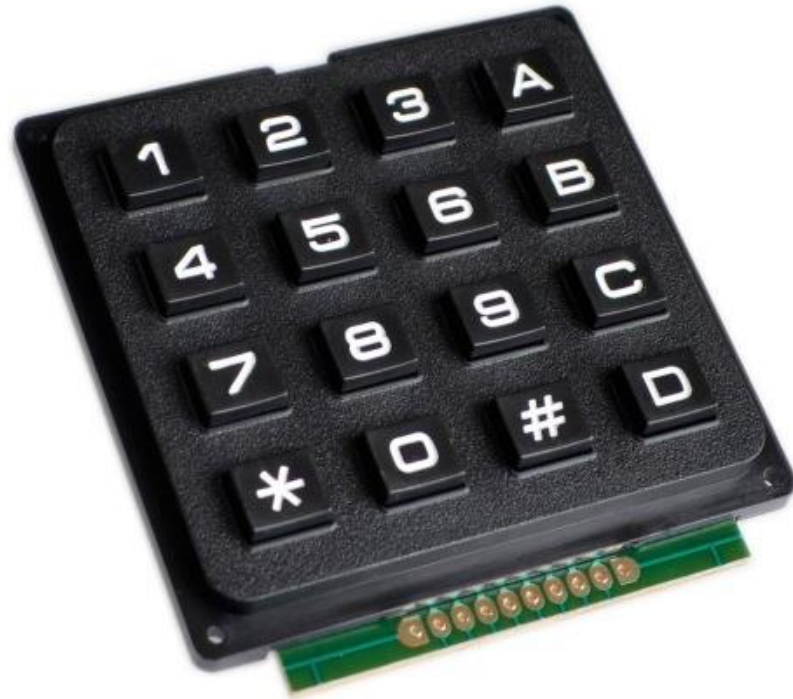
possible puzzles to activate the safe

- Wiring cable riddle



possible puzzles to open the safe

- Riddle with numpad input
- Any riddle with a integer solution possible



possible puzzles to open the safe

- Find ID card of lab employee
 - Alternatively: magnetic stripe card
- Trick face recognition
 - Use NFC or QR Code for checking



possible puzzles to open the safe

Other ideas:

- Reach score in a little video game
 - Hard to fit in the story
- Activate sensor by using laser and movable mirrors