



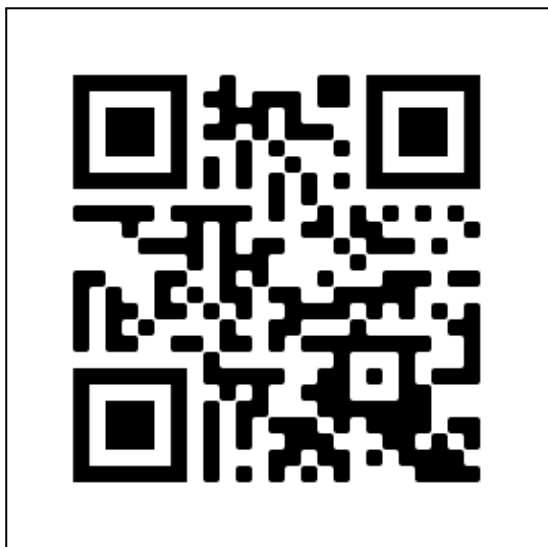
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props & puzzle

CABLE PAIRS PUZZLE

V.01 27/02/2026

Power supply: **12V**

Relay output **12V NC**



Connection

Place your smartphone near the device and connect it to the WiFi access point

SSID: **CABLE_PAIRS**

PW: **12345678**

Once connected, scan the QR code or browse the following ip address: **192.168.4.1**

Puzzle Instructions

Connect the cables to create the correct pairs.

Only the programmed pairs are valid.

To solve the puzzle, all correct pairs must be connected.

Be careful:

- every required pair must be connected
- no extra or wrong connection is allowed

If even one incorrect pair is connected, the puzzle will not activate.

When all the correct pairs are connected — and only those pairs — the relay will trigger

Relay: **OFF**

Detected edges: 2 | Missing: 1
| Wrong: 1

ADD PAIR
SAVE
CLEAR ALL

Pairs

#	Side A	Side B	
1	A1	D4	DEL ✓
2	A4	D1	DEL ✓

The same point cannot be used in two different pairs (it will be rejected when saving)

Detected connections (live)

- A1 ↔ D4 **OK**
- B3 ↔ D1 **WRONG**

How to Set the Cable Pairs

Follow these steps to program the required connections:

1. Press **ADD PAIR** to create a new pair.
2. In **Side A**, select the first point (example: **A1**).
3. In **Side B**, select the matching point (example: **D4**).

This creates the **first valid pair**.

4. Press **ADD PAIR** again to create another pair.
5. Select the second pair (example: **A4 ↔ D1**).

Now two pairs are programmed.

6. Press **SAVE** to store the configuration.

During Setup (Live Feedback)

- A **green checkmark (✓)** appears next to a pair when the connection is correct.
- The section **Detected connections (live)** shows all current cable connections:
 - **OK** = correct connection
 - **WRONG** = incorrect connection

Example:

- **A1 ↔ D4 → OK**
- **B3 ↔ D1 → WRONG**

Important Notes

- Each point can be used **only once**.
- If a point is assigned to more than one pair, the configuration will be **rejected when saving**.
- The relay activates **only when all programmed pairs are connected and no wrong connections are present**.