Radio receiver with 2 relays

UC-04 is a radio receiver with two relays, for the 433,92Mhz band. It is can be used for remote opening of a door or a gate. The receiver works with the Axema transmitters/radio keys. The range could be up to a 100 meters depending on receiving conditions.

Up to 15 transmitters can be programmed into the receiver. The programming is done through teach in.

Functions:

The relays can programmed to work in tree different ways:

Pulse.	On for 5 sec. for each push on the button.
Continues.	On as long as the button is pressed.
Bistable.	Toggles for each push on the button.

The LED is indicating:

Flashing	Normal function.
On	Teach in.
Off	Special teach in..

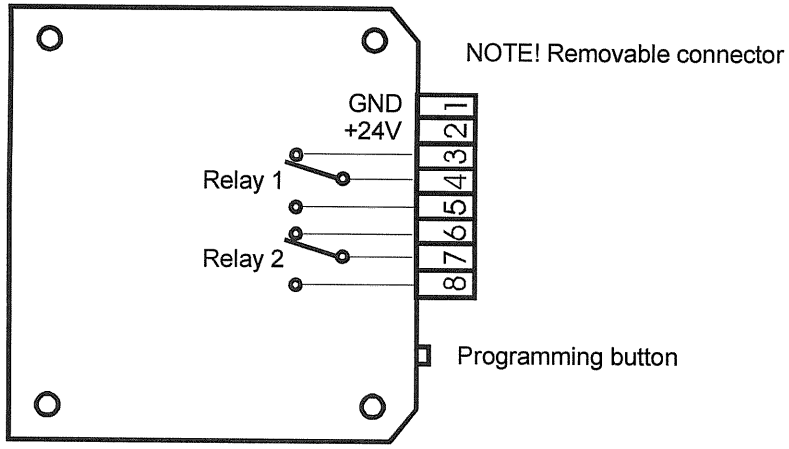
Transmitter function:

The small button controls relay 1.
The big button controls relay 2.

Electrical data:

Power supply: 24VDC.
Relay contacts: Max 24V 5A.

Connections:



Reset:

Press the programming button until the LED starts flash again (app 10 sec). The LED is on during reset. Release the button when the reset is done.

Programming the relay function:

Use one of the transmitters to decides witch function the relays should have. Both relays will get the same function, and that goes for all transmitters.
Choose **one** of the following tree alternatives:
(NOTE. This transmitters will also be programmed.)

1 Relays gets **Pulse function**: (e.g. normal strike 5 sec.)
- Press programming button and release it.
- The LED turns on.
- Press the **small button** on the transmitter.
- The LED starts flash again.

2 Relays gets **Continues function**: (e.g. a marquis)
- Press programming button and release it.
- The LED turns on.
- Press the **big button** on the transmitter.
- The LED starts flash again.

3 Relays gets **Bistable function**: (e.g. holding a strike in open pos.)
- Press programming button and release it.
- The LED turns on.
- Press the **both button** on the transmitter.
- The LED starts flash again.

To change the relay function, see next page. (**Special learning**.)

Programming of more transmitters (NR 2 to 15.)

The first transmitter is automatically when programming the relay function as above.
More transmitter is programmed as below:

- Press programming button and release it.
- The LED turns on.
- Press one of the button on the transmitter.
  The transmitters both buttons will be programmed.
- Repeat (within 10 sec.) by pressing the button on the rest of your transmitters
  Cancel the programming by wait until the LED starts to flash again.

Other relay functions. (Special learning.)

If you need different functions on relay 1 or relay 2 you **change one of the relay functions** that you programmed in the first programming.

- Press programming button and release it.
- The LED turns **on**.
- Press programming button again and release it.
- The LED turns **off**.
- Take one of the already programmed transmitter and press:
  - **Small** button to change function for **relay 1.**
  - **Big** button to change function for **relay 2.**
- The LED flashes and turns off.
  - Press **Small button to change to PULSE function.**
  - Press **Big button to change to CONTINUES function.**
  - Press **Both button to change to till BISTABLE function.**
- Do the same for others transmitter.

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Installed by:

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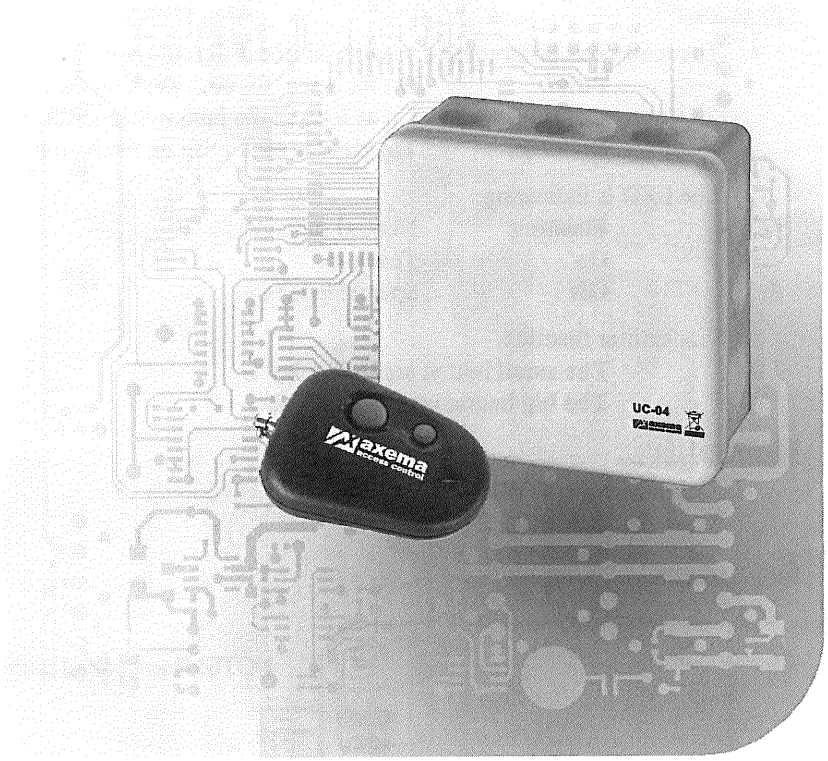
Installation- and user manual



UNIKEY

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