



Handbook (RFID Reader, Basic)

Technical Data

RFID Technology
 IP Class
 Operating Voltage
 Number of users

Mifare (ISO14443)
 65
 24V max. 500mA
 1 Master Transponder / 150 User Transponder / 1 User Code

Tips:

1. If the RFID reader is in delivery state and the wiring is correct, all LEDs are on.
2. In the delivery state, the first enrolled transponder becomes the Master Transponder (used to manage the device). There is only one Master transponder.
3. The User Code always must have 6 digits.

Prog. Modus	Explanation	Approach
Master Transponder Enrollment	Precondition: Delivery Status: all LEDs on	Hold the first Transponder on front of the RFID Reader , first the red then the green LED turns off as confirmation
User Transponder Enrollment	Precondition: Status = only the blue LED is on	1) Hold the Master Transponder in front of the RFID reader, red and green LEDs turn on for 2s. 2) Hold the new User Transponder in front of the RFID reader, the green LED turns on for 2s.
Setting the User Code	Programming a User Code with the IR remote controller. Precondition: only the blue LED is on.	Master Transponder -> E -> User Code -> OK -> User Code (repetition) -> OK On success, the green LED turns on for a moment. Example: Master Transponder -> E -> 260717 -> OK -> 260717 -> OK
Opening the door	Opening the door using the User Transponder or the User Code. Precondition: only the blue LED is on.	1) Hold the User Transponder in front of the RFID reader or 2) User Code -> OK (enter the code using the IR remote) If the User Transponder or User Code is recognized, the green LED lights up and the relay activates, otherwise the red LED lights up.
Deleting the User Code	Precondition: only the blue LED is on.	Master Transponder -> D -> 0 -> OK The User code will be deleted.
Reset	Deleting everything (incl. Master Transponder and User Code)	Method 1: Hold the Master Transponder in front of the RFID reader and remove it 3 times or Method 2: DA -> Reset Code -> OK (enter the code using the IR remote) Method 3: Hardware Reset (press the delete key on the relay board on the inside for 5 seconds; only possible if the relay board is accessible)



Black Box

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