

M1000

Mifare Reader
Art. No.: 480060, 480061

User Manual



Introduction

M1000 is a flexible Mifare reader for many applications. The reader has 3 LED's (yellow, green and red) for indication of accepted/rejected Mifare tag and for navigation when configuring the readers settings. 80 users (possible in 2 blocks each for individual output).

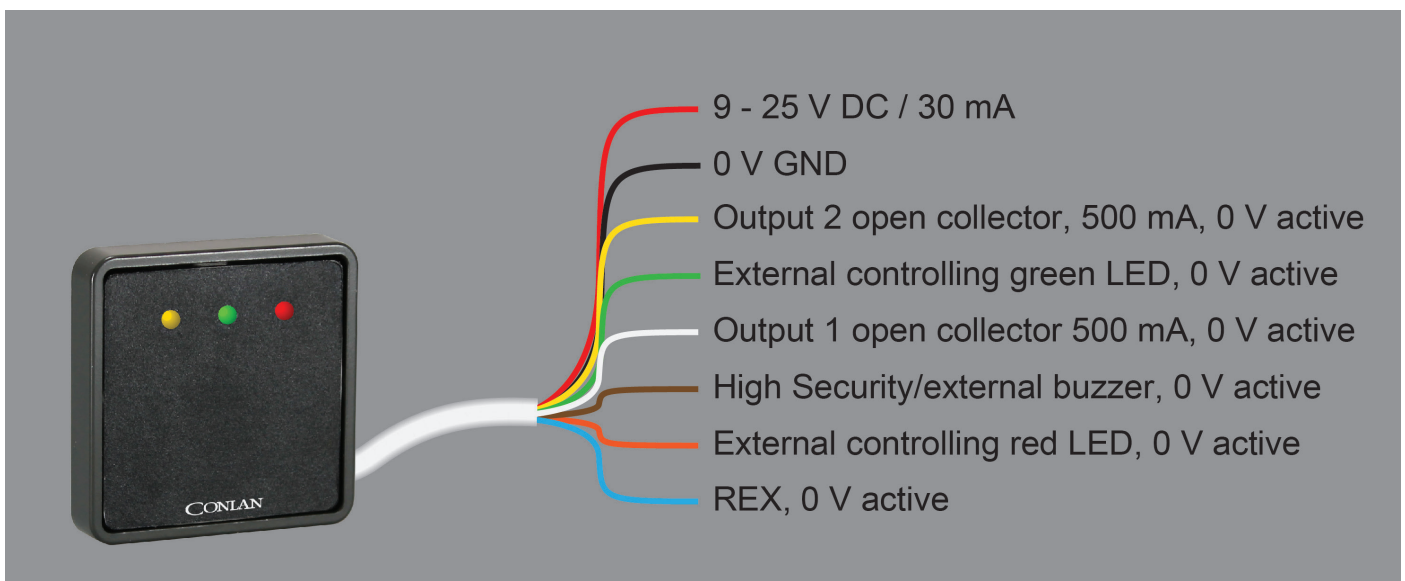
LED indication: On: ● Off: ○ Flash: *

By standby the yellow LED is lit (●○○), by accepting a Mifare tag the yellow and green LED is lit (●●○) and by rejected Mifare tag the red LED is lit (○○●).

Installation

Mount the reader on a plain surface and connect the wire to a power supply, locking device and/or assembly box.

The illustration below shows the wires colors and functions:



Master transponder

The first Mifare tag read after the installation (the yellow LED flashes (*○○)) becomes the Master Transponder used for programming/delete users and setup the configurations.

Configuration Scheme

The supplied configuration scheme is used as overview for the different configuration options:

- Reset to factory default
- LED indication: Standby, active, reading reading indication
- Programming user tags: Both outputs, can be changed to specific outputs
- Delete user tags: Specific user tags, lost user tags or all users
- Cloning/backup: Save or load saved settings on the reader with a Clone card (Art. No.: 480081).
- Settings: Splitting the outputs (OC1 and OC2), inverting the outputs and configuration timeout.
- Set up the activation time on the user positions.

The configurations can be changed by the Master Transponder, show the Master Transponder to navigate to the next option, hold the Master Transponder in 2 seconds to go to the next step in the desired option.

Some of the functions is changed by showing the Master Transponder (toggle), please use the following configuration scheme for precise overview of the options and navigation paths.

The following reading will contain a more explanation on how to manage the different options:

Programming new users

To program new users, show the Master Transponder 1 time (○●○) and show the transponders you want to program one at the time. When you're done wait 30 seconds for timeout. These programmed in that way will activate both outputs (OC2 and OC1) yellow and white core.

OC Split

By split you can program position 41 - 80 (white core) just show Master Transponder again while you're in the "Programming new User" mode and the green LED start blinking (○*○), then show the transponders for programming.

By splitting you have to show the Master Transponder within 10 seconds, go to settings (●○○), go to Split the yellow LED will blink 1 time to show where you are. Change red to green LED (by showing the Master Transponder). Green means that it is split, save that.

Delete users

In the Delete user section (●●○) you'll have 4 options:

- Delete user transponder on position 1 (○○●): Hold Master Transponder for effect.
- Delete the user in the next position (○○○): User transponder 3 is missing, show user transponder 2 for effect.
- Delete Master Transponder (○●●): Hold Master Transponder for effect.
- Delete all user transponders (○○●): Hold Master Transponder for effect.

Cloning/backup

This option allows you to clone the settings from one M1000 reader and add it to another M1000 reader with a Clone Card (Art. Nr.: 480081).

Use the Master Transponder to toggle between loading and saving and hold the Clone Card when the LEDs are running (green, yellow, red, green, yellow, red).

Set OC Time

This option allows you to change the activation time on the OC outputs. Buzzer indicates the counting.

Manual Reset

Turn the power off, connect yellow and brown wire and turn the power on again and remove the short circuit. The all LEDs will light and the the yellow LED will flash.