roger ®

PATROL II *LCD*

*Recording of inspection rounds
and field actions*

Intended use

PATROL II LCD is a versatile portable proximity ID badge reader that may find application wherever it is necessary to confirm the employee's presence at a designated place and time.

Principle of operation
PATROL II LCD records the codes of checkpoints that have been read out and their readout date and time. The reader works with free of charge Patrol Master 3 software that allows reading the recorded events out and creating reports on work progress. In addition, the inspection round schedule can be programmed in the reader to inform the user where and at what time the next readout is to be done.

Checkpoints
A checkpoint may be any inexpensive and easily available proximity transponder of EM 125 kHz standard. Widely used are proximity points in the form of a card of the size of a credit card (ISO card), key ring, circle with a hole and many others.

Roger also offers special designs of checkpoints marked as PK-3 or PK-2, of which the first is designed to be assembled on a metal base. The checkpoint code is read out on a contactless basis by placing the reader at a distance of 5-10 cm. Lack of direct contact makes it possible to mount the checkpoint behind a non-metallic partition (pane, drywall, plaster, plank etc).

PK-3

PK-2

Application

The most popular areas of application are:
• Security guard agencies and other companies that provide services in the field of surveillance and protection
• Sentry services
• Technical inspection services
• Cleaning services
• Medical attendance
• Postal services
• Field work recording groups

Benefits of device implementation within the company

• Enhances reliability of services provided
• Documents work diligence
• Disciplines employees

Advantages

• Simple and intuitive operation with a single key
• Short time of solution implementation within the company
• Recording alarm and service events
• Reconstruction of events cancelled intentionally
• High mechanical performances and resistance to impacts
• Free management software for Windows
• Free upgrades of the reader's firmware
• Warranty and non-warranty service
• Possibility to customise the device

Technical information:

- Readout of proximity checkpoints of EM 125 kHz standard
- LCD with backlight
- Displaying the names of checkpoints that have been read out
- Displaying the names of users' ID badges
- Displaying the planned inspection round route
- Memory of 1000 labels (checkpoint and user names)
- Permanent storage of 32,000 events
- Communication via USB port
- Electronic module designed for operation within a wide range of temperatures (-30...+60°C)

- Humidity and condensation protection
- Up to 8000 readouts with a single set of batteries (*)
- Resistance to falls from up to 1.5m (*)
- Built-in microwave radiation detector
- Possibility of upgrading the reader's software from PC
- Battery charging from USB socket or external charger
- Power supply from two batteries or LR6 rechargeable batteries (AA)

(*) - Parameters marked with an asterisk are given with the assumption that some specific extra conditions specified in detail in the device's operation manual are met.

Read out of PK-2 proximity checkpoint, which can be mounted on the wall as well as behind a non-metallic partition.

Installation

Installation of the work recording system is very easy and consists in arrangement of checkpoints in selected places within the facility and configuration of the reader. Every checkpoint and user's ID badge can be assigned labels (names) to allow easy interpretation of the history of recorded events later on.

Patrol Master 3 management software
The Patrol Master 3 software is dedicated to programming and operation of a system that consists of one or more PATROL readers. The application allows:
- building the facility, employees and recorders database,
- recorder configuration in accordance with the created database,
- readout of the recorder's events buffer
- generation of reports.

In particular, the software can generate the following reports:
- users (guards)
- checkpoints
- readers
- events
- routes

Alarm and service events
The reader records and signals the following alarm and service events via the LCD:
- warning against filling up the memory,
- memory overfilled,
- low battery warning,
- reader overprogramming,
- date and time change,
- start, end and interruption of charging.

Alarm events are recorded and signalled to help using the device on one hand and force the user to work diligently on the other.

Patrol II LCD set

Patrol II LCD is offered as a set including:
- reader,
- USB cable,
- two AA 1.5V rechargeable batteries,
- leather case,
- battery charger,
- PK-3 (1 pc.),
- PK-2 (5 pcs.),
- EMC-1 proximity card (3 pcs.),
- CP-1 card case (3 pcs.).

It is possible to buy the additional components of the set.

82-416 Gościszewo
Gościszewo 59
Poland

T. +48 55 272 0132
F. +48 55 272 0133
E. roger@roger.pl
www.roger.pl

roger ®