AMKLCDW900

BIDIRECTIONAL WIRELESS KEYPAD WITH NFC TAG READER

INSTALLATION MANUAL
VER. 1.0

DESCRIPTION

ENGLISH

K-LCDW900 is a bidirectional wireless keypad powered by batteries (2 batteries AAA - Alkaline 1.5V)

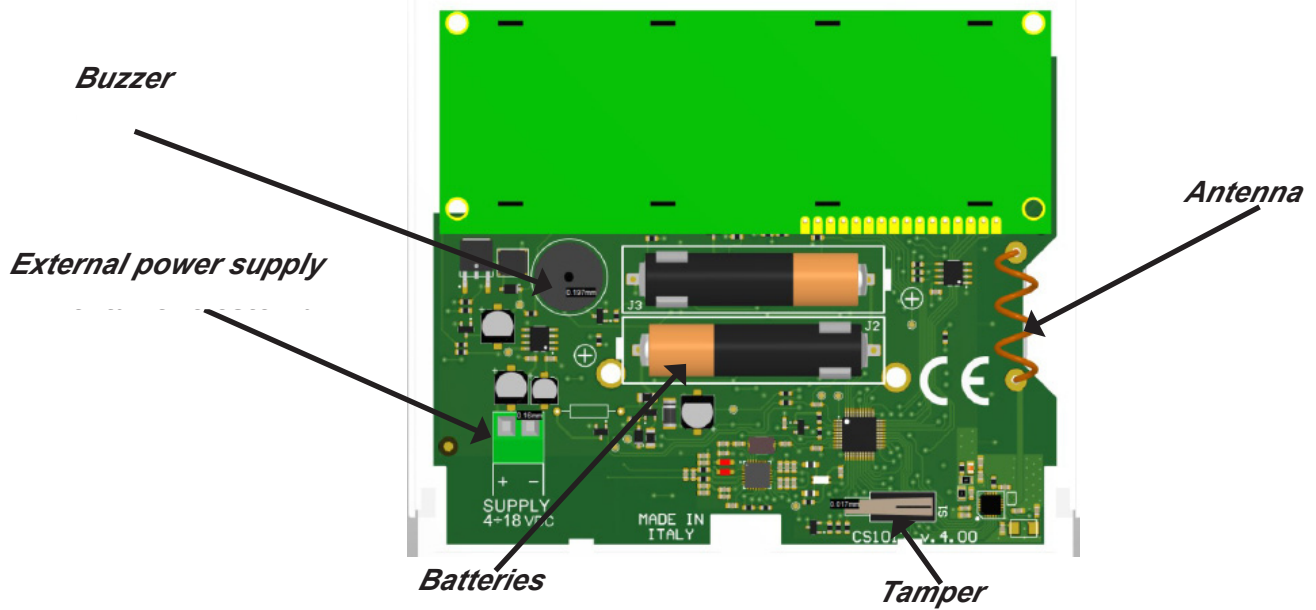IT can be powered with external power (4 - 18VDC)

It is equipped with a 16-character LCD display for 2 lines, and a programmable NFC-RFID tag reader, with which it is possible to arm and disarm and enable/disable programmed outs.

K-LCDW900 is full bidirectional keypad and allows the user to have a real feedback of the state of the system (not ready zones, troubles, etc.)

Below all the available functions:

- ARM AND DISARM PANEL (in all configurations)
- NOT READY ZONES ALERT
- BYPASS ZONES
- CHANGE/MODIFY PERSONAL USER CODE
- ALLOW TECHNICAL ACCESS
- LOG EVENT READING
- OUTPUTS TRIGGERING
- TAG READERS MANGEMENT

BOARD

Buzzer

Antenna

External power supply

Batteries

Tamper

ENROLL
ENGLISH
It is possible enroll the keypad in 2 different way:
- enrolling by insert code
- enrolling with self learning procedure

For enroll with code, enter in wireless menu of panel, select wireless keypad, confirm and enter the code (see panel manual).

For enroll with self learning procedure, enter in menù wireless of panel, select wireless keypad, press enter, and wait.

Press X and V in keypad for few seconds, the system will enter in "self learning utility" confirm with enter and wait the enroll in panel. After this operation it is necessary to start the synchronization, press X and V in keypad when appear self learning utility, press down Arrow and select "Synchronization Utility" wait the procedure.

OPERATING DESCRIPTION
ENGLISH
K-LCDW900 can work in 2 different ways, powered with batteries mode, or powered by external source.

When it is powered with battery, the LCD display work only for the necessary time to do the actions, after it sleep. The NFC tag reader is in sleep mode, for wakeup press the down arrow and LCD disoplay will show the action of tag reder (see fig).

Pressing and hold X and V buttons it is possble enter in keypad menu, Self learning, sinchronization, enable and disable tag reader and internal tamper. Also are shown: keyboard version and keyboard code.

Tag reader antenna

ENGLISH

After programming and synchronization, the K-LCDW work in the same way to the wired keypad. The available menu are:
- not ready zones alert
- bypass zone utility
- change and modify user code
- allow installer access
- log event menu
- enable and disable outputs
- enable telemanagement
- programming and deleting tags

When is powered from external source, the LCD display remain always active, and the tag reader is active.
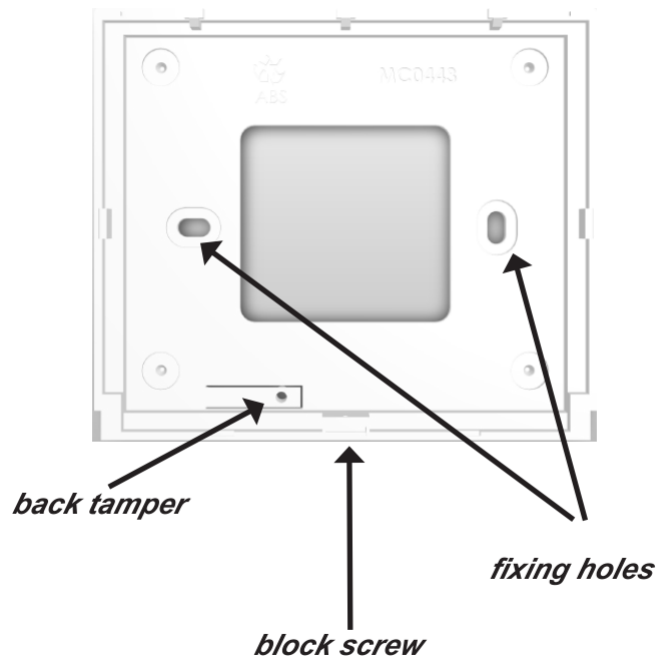When is powered with batteries, the LCD dislay work only for the necessary time of operation, and after go in standby, the tag reader is in stanby, for wake up press down arrow.
Note: with this keypad is not possible enter in technical menu

INSTALLATION

ENGLISH

- Open the keypad in the lower part with a screwdriver by keeping the keypad door open.
- Take the posterior part of the keypad and fix it to the wall (screws 5mm type Fisher)
  During the fixation pay attention to the tearing element, if you want to have an anti-tearing protection it
  is necessary to fix it to the wall with a screw.
- Place the batteries and if necessary connect the power supply
- Close the case by leaning the anterior part onto the clips of the posterior part. Then push the anterior part of the housing until
  it clicks and fits together with the posterior part, close with the screw.

back tamper

fixing holes

block screw

TECHNICAL FEATURES

K-LCDW900	
Battery	Alkaline AAA 1.5V
Minimum Consumption	with batteries 5uA - with external power 4mA
Max Consumption	with batteries 60mA - with external power 70mA
Anti-opening	✔
Back tamper	✔
Ext. power	4 - 18Vdc
Operating Frequency	916 MHz
Environmental Conditions	from +5°C / to +40°C