

DP-02CLSLCD Lock Manual(Normal)

Before programming Mifare cards, choose the locking mode first: There is a locking mode switch on the left top of PCB for your selection: a. Move the right switch leftside, after unlocking by Mifare card, the lock will be automatically locked 4 seconds later; b. Move the right switch rightside, after unlocking by mifare card, the lock is in passage state, it require to touch the card again to lock it.

I. Load Battery

After loading battery, green and red light on and melody music sound.

II. Initialize the lock: After loading battery, depress the re-set button around 2 seconds, red light on and melody music sound, the initialization is OK.

III. Program Owner Card(1 pc)

After the lock initialization, touch the first Mifare card, melody music sound and red light on, the card is Owner card.

Owner Card Change: Initialize the lock first(follow II. Step), to delete all existing cards. touch a Mifare card and the card is new Owner card.

Note: Only one owner card is allowed for each lock; and owner card is used to program or change master card, and can not be used to unlock or lock.

IV. Program Master Card(maximum 5 pcs)

(A). Program Master Card: Touch owner card and melody music sound and red and green light flash 6 seconds, touch a Mifare card, melody music sound and green light on, the card is Master card. (If melody music sound and red light on, the programmed master card is deleted)

(B). Delete Master Card: Touch owner card and melody music sound and red and green light flash 6 seconds, touch the owner card again, red and green light flash 6 seconds, touch the card third time, melody music sound and red light on, all master cards are deleted. All guest card(s) are also deleted.

(C). Master Card Unlocking: Touch master card, melody music sound, red and green light flash 6 seconds, melody music sound again, green light on, the lock is unlocked.

V. Program Guest Card(1 pc or 5 pcs)

The left moving switch on the left top of PCB is used to control the guest card quantity:

a. Move the left switch leftside, maximum 5 pcs guest cards are allowed; b. Move the left switch rightside, only one guest card is allowed.

(A). Program Guest Card: Touch master card and melody music sound, and red and green light flash 6 seconds, touch the master card again, red and green light flash 6 seconds again, touch a Mifare card, melody music sound and green light on, the programmed card is Guest card.

(B). Delete Guest Card

Touch Master card to unlock, all existing guest card(s) are deleted.

(C). Guest Card Unlocking: Touch guest card, melody music sound, green light on, the lock is unlocked.

Extra Functions:

Low Battery Alarm: When the battery is on or below $DC3.8V \pm 0.2$, touch Mifare card to unlock, red light on, and give beeps alarm.

Illegal Card Alarm: Touch illegal card 6 times, the lock gives “beep” alarm 20 seconds.

Self-inspection Test

After loading battery, press and release the re-set button right away, and music sound, the latch stretch out and draw back one time, red and green light on, and continuous “Di” “Di” “Di” sound, the lock is in circular test of weak voltage and card reading. If low voltage is inspected, then gives alarm sound. Press the re-set button again to terminate the self-inspection test.

Technical Parameter

- a). **Power supply:** DC3.6 ~ 4.8V, 3 pcs x AA alkaline battery.
- b). **Average static current:** < 15uA
- c). **Maximum operating current:** < 300mA
- d). **Card test method:** 4Hz infrared pulse acquisition
- e). **Storage temperature:** - 40 ~ +85°C
- f). **Storage humidity:** 10 ~ 98%RH
- g). **Operating temperature:** - 10 ~ +50°C
- h). **Operating humidity:** 15 ~ 95%RH
- i) **Motor drive:** 400Ms

FCC (Federal Communication Commission)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment des cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technical for help.

WARNING: This equipment may generate or use radio frequency energy. Changed or modifications to this equipment may cause harmful interference unless the modifications are expressly approved change or modification is made.

“Changes or modifications not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.”

This device complies with Part 15 of the FCC’s Rules. Operation is subject to the following two Conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesirable operation.