User Manual

PL10R/ML10R

Version: 1.1
Remarks

1. New lock is configured to grant ANY Mifare card access to unlock.

2. The lock is equipped with mechanical keys for manual unlocking. Remove mechanical keys from the package and keep them in a safe place.

3. To power up the lock, four alkaline AA batteries (not included) are required. Non-alkaline and rechargeable batteries ARE NOT RECOMMENDED.

4. The operation of lock setting has a stand-by time limit of 10 seconds; if there is no any activity, lock will shut off after 10 seconds.
Appearance

1. LED
2. Card area
3. Handle
4. Mechanical key hole
5. Battery box cover
6. Battery Area
7. Button ③ / Temporary User
8. Button ① / Admin user
9. Back LED
10. Button ⑭ / Delete user
11. Button ⑮ / Add user
12. Reset Button
13. Button ⑫ / Normal User
14. 9V Emergency battery interface
Profile

User Introduction

<table>
<thead>
<tr>
<th>User Type</th>
<th>Capacity</th>
<th>Privilege</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administrator</td>
<td>10</td>
<td>Add/delete users; Enable Normal Open; Unlock</td>
</tr>
<tr>
<td></td>
<td></td>
<td>the door</td>
</tr>
<tr>
<td>Normal User</td>
<td>60</td>
<td>Unlock the door; Enable Normal Open</td>
</tr>
<tr>
<td>Temporary User</td>
<td>20</td>
<td>Unlock the door; Enable Normal Open</td>
</tr>
</tbody>
</table>

Button Definition

<table>
<thead>
<tr>
<th>Buttons</th>
<th>Function</th>
<th>Other functions</th>
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</thead>
<tbody>
<tr>
<td>+</td>
<td>Add Users</td>
<td></td>
</tr>
<tr>
<td>-</td>
<td>Delete Users</td>
<td></td>
</tr>
<tr>
<td>①</td>
<td>Admin User Group</td>
<td>Enable Normal Open</td>
</tr>
<tr>
<td>②</td>
<td>Normal User Group</td>
<td></td>
</tr>
<tr>
<td>③</td>
<td>Temporary User Group</td>
<td></td>
</tr>
</tbody>
</table>
### Lock Status Indication

<table>
<thead>
<tr>
<th>Lock Status</th>
<th>Indication</th>
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</thead>
<tbody>
<tr>
<td>Successful Operation</td>
<td>1 beep and LED blinks in green</td>
</tr>
<tr>
<td>Failed Operation</td>
<td>2 beeps and LED blinks in red</td>
</tr>
<tr>
<td>Low battery</td>
<td>7 beeps and LED blinks in red for 7 times</td>
</tr>
<tr>
<td>Unlocking</td>
<td>1 beep and electric engine makes a rolling sound for the first time, which indicates that the door is open.</td>
</tr>
<tr>
<td>Locking</td>
<td>Electric engine makes a rolling sound for the second time, which indicates that the door is closed.</td>
</tr>
</tbody>
</table>
Lock Initialize

Method 1

Operating Steps

Press the "Reset" button with a pin

Loosen the pin

Press the button of ",+", "1", "2", "3", ",-"in order

Initialization succeeds

Indication of the lock

One beep and LED blinks in green

One beep for each pressing, back LED blinks in green

A long beep, LED blinks in green for 1 second

Method 2

Operating Steps

Delete all Temporary Users

Delete all Normal Users

Delete all Admin Users

Reset successfully

Indication of the lock

One beep and LED blinks in green

One beep and LED blinks in green

A long beep, LED blinks in green for 1 second

Note: The lock will be restored to factory defaults after initialization, and the door can be opened with any mifare card.
How to use mechanical key?

Hexagon Screw

How to use 9V emergency battery?
Registering First Admin

**Operating Steps**

- Press button "+"
- Punch in the new card
- Registration succeeds
- Register NEW users

**Indication of the lock**

- One beep, LED blinks in green
- One long beep

**Note:**
1. The first user will be the first Admin automatically in default setting.
2. Admin group supports 10 users; you can still register 9 new Admins in the next step.
3. The operating steps of registering new users: press button 1/2/3 to select user group, and then punch in one new card to continue registering new user.
Registering Other Admin

**Operating Steps**

1. Press button "+"
2. Punch in any admin card for 1 time to verify Admin
3. Press button "1" to select Admin group
4. Punch in the new card
5. Registration succeeds
6. Register NEW users

**Indication of the lock**

1. One beep, LED blinks in green
2. One beep
3. One beep
4. One long beep

**Note:**
1. Admin group supports 10 users; you can still register 9 new Admin in this step.
2. The operating steps of registering new users: press button 1/2/3 to select user group, and then punch in one new card to continue registering new user.
Registering Normal User

**Operating Steps**

1. Press button "+"
2. Punch in any admin card for 1 time to verify Admin
3. Press button "2" to select normal user group
4. Punch in the new card
5. Registration succeeds
6. Register NEW users

**Indication of the lock**

- One beep, LED blinks in green
- One beep
- One beep
- One long beep

**Note:**
1. Normal User group supports 60 users.
2. The operating steps of registering new users: press button 1/2/3 to select user group, and then punch in one new card to continue registering new user.
Registering Temporary User

**Operating Steps**

1. Press button "+"
2. Punch in any admin card for 1 time to verify Admin
3. Press button "3" to select Temporary user group
4. Punch in the new card
5. Registration succeeds
6. Register NEW users

**Indication of the lock**

- One beep, LED blinks in green
- One beep
- One beep
- One long beep

**Note:**
1. Temporary User group supports 20 users.
2. The operating steps of registering new users: press button 1/2/3 to select user group, and then punch in one new card to continue registering new user.
Deleting Temporary User Group

**Operating Steps**

1. Press button "-"
2. Punch in any admin card for 1 time to verify Admin
3. Long-press button "3" to delete Temporary User group

**Indication of the lock**

- One beep, LED blinks in green
- One beep
- A long beep, LED blinks in green for 1 second

**Note:** All deleting operations are only valid for group.
Deleting Normal User Group

**Operating Steps**

1. Press button "-"
2. Punch in any admin card for 1 time to verify Admin
3. Long-press button "2" to delete Normal User group
4. Deletion succeeds

**Indication of the lock**

- One beep, LED blinks in green
- One beep
- A long beep, LED blinks in green for 1 second

**Note:** All deleting operations are only valid for group.
Deleting Admin Group

Operating Steps

Press button "-"

Punch in any admin card for 1 time to verify Admin

Long-press button "1" to delete Admin group

Deletion succeeds

Indication of the lock

One beep, LED blinks in green

One beep

A long beep, LED blinks in green for 1 second

Note: All deleting operations are only valid for group.
Enabling/Disabling Normal Open

Enabling Normal Open:

<table>
<thead>
<tr>
<th>Operating Steps</th>
<th>Indication of the lock</th>
</tr>
</thead>
<tbody>
<tr>
<td>Long-press &quot;1&quot; button for 3 seconds</td>
<td>One beep, LED blinks in green</td>
</tr>
<tr>
<td>Punch in any registered card for 1 time for verification</td>
<td>A long beep, LED blinks in green for 1 second</td>
</tr>
</tbody>
</table>

Disabling Normal Open:

Punch in any registered card for 1 time to disable it.