YLI ELECTRONIC

Bluetooth Controller

Model: YBC-431

Specification

- Dimensions: 76x47x26(mm)
- Operating Voltage: 9V-28V
- Current Consumption: 12V/130mA
- Connection Distance : ⩽10m
- Connection mode: Bluetooth
- Operating Humidity: 10%-90%
- Relay Output: 30V DC;1A
- Storage Capacity: 255 Users
- Open mode: APP unlock
- Weight: 0.09 kg

Acoustic-optic Indicator

Power on DC(9V-28V)—3S Operating indicator lights up(Green Light)—Bluetooth start normally.

Key reset operation: Keep pressing the button—operating indicator light flashing(green light),reset indicator lights up(red light)—release the button after the operating indicator light goes off, reset indicator light(red light) goes off—reset operation complete, wait for the lock start automatically, operating indicator light (green light) long light.

This operation also known as clear data(restore factory defaults). Don't press this button easily, please note!

The diagram is the skipping stitch to chose delay time :


3 S


6 S


9 S


12 S

APP Operation

Step 1: Chose the User type

The first time to download the APP for entering, need to choose the user type (there are three types).

1.Primary administrator, can only have one, it can control all the function of lock, include(change password, change name of bluetooth, add or delete administrators and normal users, unlocking).

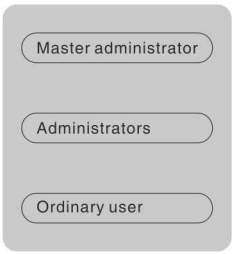
2. Administrator : can have multiple administrators, the function include(Add or delete other administrators and normal users, unlocking).

3. User: can have multiple users, only have unlocking function.

Step 2: Connect with Lock

Then enter into the unlock interface, also known as main interface, this moment will scan locks.

Note: the upper left corner is lock connection status indicator, red display not connected, green display connected.



Waiting for several minutes, the device has been scanned, click the device begin to connect, then remind connection successful, in addition, the lock connection status indicator on the upper left corner is green, shows connected.

Note: This moment should click [More]⟶[Registration] to fill in your registration information.

Step3: Fill in the registration information. and start authentication requests.

Click [More] and chose the first item [Registration] primary administrator registered interface: Enter into registered interface, you can find three items:

1. Shows the current type of user(you can see it is primary administrator).
2. Fill in your name.
3. Fill in the password, means primary administrator password, when you complete all information, please click "save".

Note: Name up to three characters, or ten letters, the password must be six digital code, if this lock has not been connected and authorized by other master administrators(mean new lock)or just delete all data, the name and password can be set at random, otherwise must according to the last settings to fill in.



Administrator and other normal users registered interface:

Enter into registered interface, you can find two items:

1.Shows the current type of user(you can see it is primary administrator)

2.Fill in your name and all necessary information ,then click "Save"

Note: Name up to three characters, or ten letters, must according to the settings that primary administrator and administrators provide you.

This moment display "registered",means completed to fill in, you can return to [More]⟶[Home], start authentication.

Note: this moment if not registered successful, you can the a edit button on the top right corner, if you find any information fill in error, you can click edit to reset.

Return to main interface you can see that is launching authentication(start authentication will need the registration information, if without registration information, it'll not start authentication).

Note: If this moment don't started authentication, you can check the lock connection indicator on the top left corner is green or not, if it's red, you can press the "Home"button on you mobile-phone,and click the APP icon again, enter in APP, APP will reconnect the lock ,and start authentication.

If you registration information is correct, please wait for several minutes, it'll remind you the authentication is successful, if fail, please check your information is correct or not, or whether has connected the corresponding lock.

Step 4: Unlocking

Sliding button, if change into green means unlock successfully, after this moment, due to there is a time interval, during this time interval you can't operate the unlocking again, so must wait for the lock closed and the unlocking icon slide back to left ,change into Red, you can operate the unlocking again.

After the the lock closed, and the unlocking icon slide back to left, change into red, you can operate the unlocking again.

The above is the common function of primary administrator, administrators, and normal users(authentication and unlocking)

The below is the special common function of primary administrator and administrators.

Step 5: System administrator

Open the administrator system will searching automatically, that is administrator system, the entrance is [MORE]⟶[Administrator system], the initial entering may be without any data, as haven't added any user, this moment you can add a user.

5-2:Add Users

Click the "+" on the top right corner, it'll pop up a dialog box, chose the permission of users which to be added, administrator or normal users, the primary administrator can only have one, administrator an d normal user can be multiple, when your selection is done, you can move on to the next step. you will be asked to input the name of the user which you add, there will be a permission, that is the name up to three characters, or ten letters. you can see a reminder [Same name conflicts detected], this moment, you should check ,if it conflict with the name of the administrator system, if not, maybe conflict with the name of primary administrator, when this issue caused, you can add a special label to confirm the information of the user you add, if confirm it is correct please click "OK" to start to add, if find any wrong , click" cancel", it'll not tart to add.

Note: Adding successfully, you must tell the name and permission to the person you add, in order to avoid the blind spots and cause any error when fill in information, then lead to the person who to be added is fail to approve during the process of using.

Adding means add successful and you can see there is an addition on the list, this is the user we added.

5-3:Delete user

IOS delete user: Swipe left to delete

Android delete user: Long press delete, and re-confirm the information of the user you delete, click OK to start to delete, click cancel will stop to delete, if delete successful, you can see the list without this item.

The below is the special function of primary administrator:



Step 6: Modify the password of primary administrator

This is the [MORE] interface of Primary administrator system, you can see [Registration],[modify name of Bluetooth], [modify password], those functions of primary administrator system, click [modify password] (means modify the password of primary administrator),input password, click OK; if the password is correct, will remind you verify successfully, and will enter into the modify password interface, otherwise will remind you verify fail and there is nothing happen. the interface of modify password, you can find it need to fill in new password and confirm new password, when you complete it please click OK to complete the modification.

If the new password you fill in is different with the password you confirm, the system will remind you the new password is different with what you confirm, if the new password is same as old one ,it'll also remind you the new password is same as old password, it isn't necessary to change, if all the step is correct, it will remind you please wait, and wait for several minutes will display modify successfully, and return to [MORE] interface.

Step 7: Modify name of bluetooth

The entrance of modify bluetooth name is same as modify password of primary administrator, all need to verify the primary administrator password, you can modify the bluetooth name after the password verify successfully, when you complete to fill in please click OK yo modify the name of bluetooth.

Note: Bluetooth name up to six characters or 18 letters.

If new name same as old one, will remind the new name is same as old name, it isn't necessary to change ,if new name meet with the specifications and requirements will display a dialog box for confirmation, click OK to start modification, click cancel will cancel, that is modify successfully.

Step 8: Backup and recovery(please operate carefully)

The entrance of backup and recovery is same as modify master administrator, both are necessary to verify the password of master administrator, the “backup and recovery “operation is based on the verification is success. You can find the number of people who has backed up and the time of backup last time ,click backup to make a back up ,there is a preparation process, please wait a moment. Click “recovery”,there is select box, there are two optional mode, please choose carefully.



Note: The merge operation is, add the person into lock terminal (who is exist in mobile terminal but isn’t exist in lock terminal), clear all data in lock terminal, then add all data in mobile terminal into lock terminal.

Click merge mode, there is a dialog box for confirmation.

Note: Please operate carefully, merge mode means add the person into lock terminal (who is exist in mobile terminal but isn’t exist in Lock terminal), it’ll not delete lock terminal data.

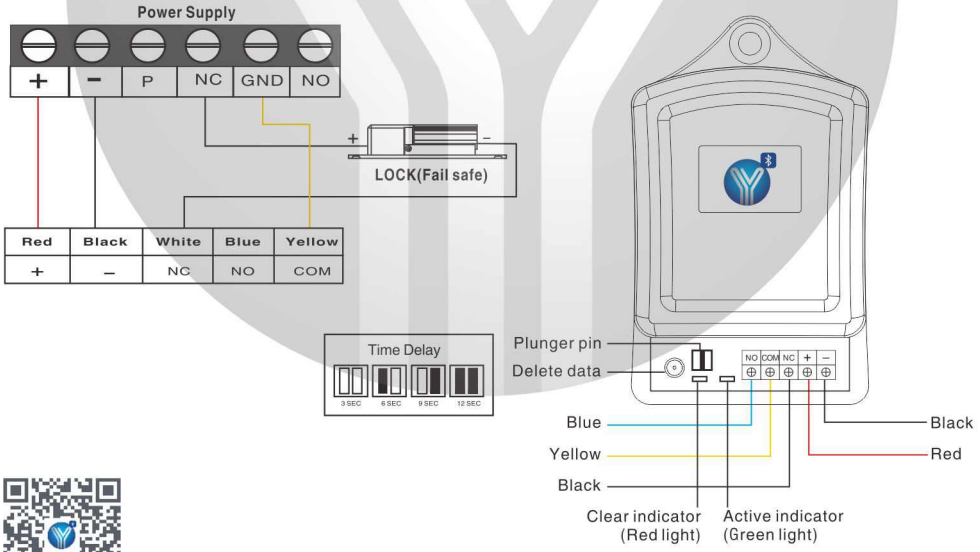
Click coverage mode, there is a dialog box for confirmation.

Note: Please operate carefully, coverage mode means clear all data in lock terminal add all data in mobile terminal into lock terminal, it’ll delete the data in lock terminal.

After determination, please according to the mode you choose to recover, there is a preparation process, please wait a moment.

Note: If mobile terminal data is completed same as lock terminal data, the system will remind you that local date same as lock terminal data ,it doesn’t need to be recovered erminal.

Wiring



Apple users and Android users can download and install in AppleStore and GooglePlay respectively. “YLI Bluetooth Lock”