

User manual



KR-S64A

(2018.9.14 Wednesday)

Preface

Dear Customers:

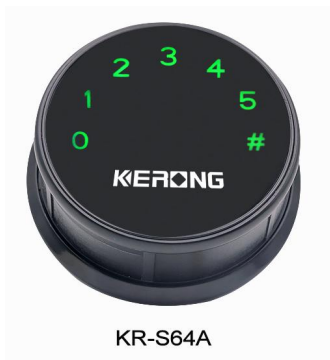
Thanks for choosing electronic digital lock offered by Kerong Industry(HK) Co., Limited. In order to operate our products more smoothly, we offer this 《User Manual》 for you. Please read it carefully before using and keep it well.

Chapter One Dimension & introduction	-1-
1. Product appearance	- 1 -
2. Product dimension	-1-
3. Product installation	错误！未定义书签。
Chapter Two Parameters	错误！未定义书签。
Chapter Three Operation steps	错误！未定义书签。
3.1 Introduction to lock	错误！未定义书签。
3.2 Reset lock	错误！未定义书签。
3.3 Password	错误！未定义书签。
3.3.1 Manager password	-4-
3.3.2 User password	-5-
3.3.3 Service password	-5-
3.4 Public mode	-5-
3.4.1 Application	-5-
3.4.2 User operation steps	-6-
3.4.3 Set the lock in public mode	-6-
3.4.4 Password in public mode	-6-
3.5 Private mode	-6-
3.5.1 Application	6
3.5.2 User operation steps	6
3.5.3 Set the lock in private mode	7
3.5.4 Password in private mode	7
3.6 Office mode	7
3.6.1 Application	7
3.6.2 User operation steps	7
3.6.3 Set the lock in office mode	7
3.6.4 Password in office mode	8.
3.7 Double key mode	8.
3.7.1 Application	8
3.7.2 User operation steps in private mode	8
3.7.3 User operation steps in office mode	8

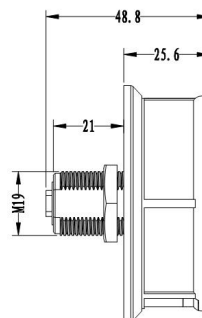
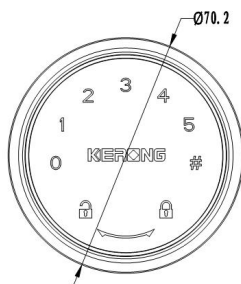
3.7.4 Set the lock in single key mode.....	9
3.7.5 Set the lock in double key mode.....	9
3.7.6 Password in double key mode.....	9
Chapter Four Additional functions.....	9
4.1 Voice prompt.....	9
4.2. Light prompt.....	9
4.3. Low voltage prompt	9
4.4. Warning function.....	10
4.5. Mess code.....	10
4.5.1. Definition.....	10
4.5.2. To set lock with mess code function.....	10
4.5.3. To cancel mess code function.....	10
4.6. OTP.....	10

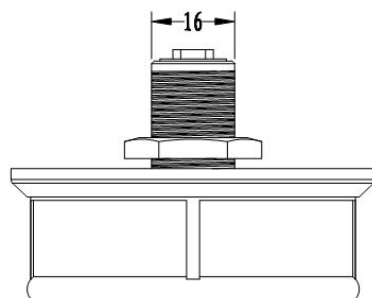
Chapter 1 Dimension & Installation

1. Product Appearance

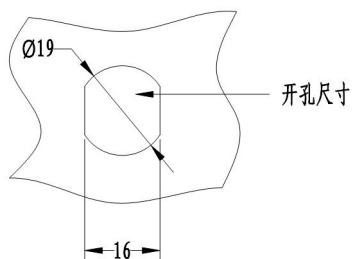
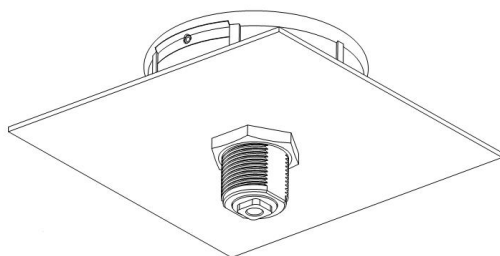
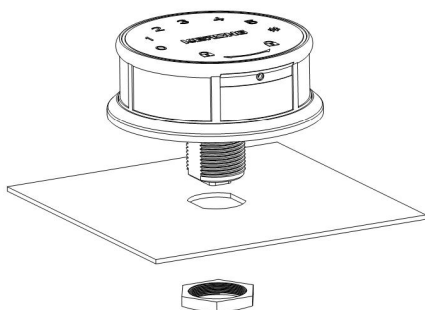


2. Product Dimension





3. Product Installation



Chapter 2 Parameters

Item	Description	
Material	Lock body: ABS+Zinc Alloy, Acrylic touch screen	
Color	Black; white	
Size	Keypad: 70.2(D)*25.6(T)mm	Cam: 19(D)*21(L)mm (blade is customized)
Weight	180g	
Digits	7 digits	
Battery	DC 3V (1* button battery CR2032)	
Driven mode	Motor/servo	
Static power consumption	<25 uA	
Dynamic power consumption	<200 mA	
Load current	<200mA	
Locked-rotor current	<350mA	
Warning voltage	2.5V	
Low voltage	2.5V+0.1V	
Anti-air discharge	15KV	
Touch discharge	8KV	
Unlock way	Code/ password/ digit	
Response time	Less than 20ms	
Working temperature	-20℃ ~ +65℃	
Working humidity	10% ~ 90%RH	
Working life	500000 times	

Chapter 3 Operation steps

3.1. Introduction to lock

3.1.1. “0, 1, 2, 3, 4, 5 ” are digits for user inputting passwords; # is for confirming what user input. Every time after inputting a password, there should be a # followed.

3.1.2. All passwords should be 4~8 digits, otherwise the password is invalid.

3.1.3. After inputting the password, please turn the lock clockwise to open the lock or anticlockwise to close the lock.

3.1.4. General operation steps: reset lock; choose suit working mode and set lock in the mode; change password.

3.2. Reset lock

3.2.1. After resetting, all passwords will be in factory setting but the working mode won't be changed.

3.2.2. To reset lock, method A: keep pressing key “Reset” for 2 seconds, lock will prompt with “di di di” and lock blinks in green twice. Lock is reset.

3.2.3. To reset lock, method B: input “#5#”, lock will prompt with “di di” and green light blink fast. Then input “manager password#”, green light will blink slower. Next input “manager password#”, lock will prompt with “di di di”. Lock is reset.

(Total is: #5#manager password#manager password#)

3.3. Password

3.3.1. Manager Password

Manager Password is for setting lock, opening lock for emergency and resetting lock. Manager password should be 4~8 digits.

Default Manager Password: 012345

To change Manager Password:

Input “#1#” lock will prompt with “di di” and green light blink fast. Then input “old Manager Password#”, green light will blink slower. Next input “new Manager Password#” **twice**, lock will prompt with “di” and light blink in green one time. The Manager Password is changed.

(Total is: #1#old manager password#new manager password#new manager password#)

Eg: Change Manager Password to 55555.

Input: #1#012345#55555#555555#

3.3.2. User Password

User password is for unlocking. User Password should be 4~8 digits.

Default User Password: 0000

To change User Password:

Input “#0#”lock will prompt with “di di” and green light blink fast. Then input “old User Password#”, green light will blink slower. Next input “new User Password#” **twice**, lock will prompt with “di” and light blink in green one time. The User Password is changed.

(Total is: #0#User Password#new User Password#new User Password#)

Eg: Change User Password to 33333.

Input: #0#0000#33333#33333#

3.3.3. Service Password

User password is for unlocking. User Password should be 4~8 digits.

Default User Password: 1111

To change User Password:

Input “#0#”lock will prompt with “di di” and green light blink fast. Then input “old Service Password#”, green light will blink slower. Next input “new Service Password#” **twice**, lock will prompt with “di” and light blink in green one time. The User Password is changed.

(Total is: #0#old Service Password#new Service Password#new Service Password#)

Eg: Change Service Password to 44444.

Input: #0#11111#44444#44444#

3.4. Public mode

3.4.1. Application

Public mode suits for public application, such as supermarket storage locker, gym locker, library locker, sauna locker etc.

3.4.2. User operation steps

Lock is keep unlocking.

User A input “any password#” and turn the lock clockwise, lock will be locked.

Then User A comes back, input “the same password#” on the same lock and turn it anticlockwise.

Lock will be open. User should turn the lock clockwise to close the door(only for closing the door, the lock is still unlocked).

If user forgot his password, staff can input “Manager Password#” to open the lock.

If staff forgot the Manager Password, you can send us the SN of the lock, we will give you a password to open the lock.

3.4.3. Set the lock in Public mode

Input “#2#”lock will prompt with “di di” and green light blink fast. Then input “manager password#”, green light will blink slower. Next input “1#”, lock will prompt with “di” and light blink in green one time. Lock is in public mode.

(Total is: #2#Manager Password#1#)

3.4.4. Passwords in public mode

Manager password can open lock.

There's no User Password under public mode.

3.5. Private mode

3.5.1. Application

Private mode suits for private application, such as personal storage locker, office locker, mailbox, personal drawer etc.

3.5.2. User operation steps

Lock is keep locking. User input “User Password#” lock will blink in green twice. Then user turn the lock clockwise to open the lock. Lock will keep opening for 3 seconds.3 seconds later, lock will be locked automatically. And user needs to turn the lock anticlockwise to close the lock.

If user forgot User Password, he can input “Manager Password#” to open the lock.

If user forgot the Manager Password, he can send us the SN of the lock, we will give you a password to open the lock.

3.5.3. Set the lock in Private mode

Input “#2#”lock will prompt with “di di” and green light blink fast. Then input “manager password#”, green light will blink slower. Next input “0#”, lock will prompt with “di” and light blink in green one time. Lock is in private mode.

(Total is: #2#Manager Password#0#)

3.5.4. Passwords in Private mode

Manager Password and User Password must be set in advance.

Manager Password and User Password can be used for open lock.

Usually user use User Password to unlock. If use Manager Password to unlock, the User Password will be defaulted as 0000

3.6. Office mode

3.6.1. Application

Office mode suits for office cabinet/drawer etc.

When staff comes to work, he open the lock with his password. And he may need to open the cabinet/drawer frequently, it will be troublesome if he need to input password every time. So under this mode, he can input his password to open the lock on the morning and input his password to close the lock when he leaves.

3.6.2. User operation steps

Lock without certain status.

User input “**User Password#**” lock will blink in green twice. Then user turn the lock clockwise to open the lock. After open, the lock will keep open status.

User input “User Password#” lock will blink in green twice. Then user turn the lock anticlockwise to open the lock. After close, the lock will keep close status.

If user forgot User Password, he can input “Manager Password#” to open the lock.

If user forgot the Manager Password, he can send us the SN of the lock, we will give you a password to open the lock.

3.6.3. Set the lock in Office mode

Input “#2#”lock will prompt with “di di” and green light blink fast. Then input “Manager Password#”, green light will blink slower. Next input “0#”, lock will prompt with “di” and light blink in green one time. Lock is in office mode.

(Total is: #2#Manager Password#0#)

3.6.4. Password in Office mode

Manager Password and User Password must be set in advance.

Manager Password and User Password can be used for open lock.

Usually user use User Password to unlock. If use Manager Password to unlock, the User Password will be defaulted as 0000

3.7. Double key mode

3.7.1. Application

Double key mode suits for high security application.

Double key mode only exists in Private mode and Office mode.

Lock only can be locked or unlocked by 2 passwords: User Password + Service Password.

3.7.2. User operation steps in Private mode

User input “User Password#Service Password#” lock will blink in green twice. Then user turn the lock clockwise to open the lock. Lock will keep opening for 3 seconds.3 seconds later, lock will be locked automatically. And user needs to turn the lock anticlockwise to close the lock.

If user forgot User Password, he can input “Manager Password#” to open the lock.

If user forgot the Manager Password, he can send us the SN of the lock, we will give you a password to open the lock.

3.7.3. User operation steps in Office mode

User input “User Password#Service Password#” lock will blink in green twice. Then user turn the lock clockwise to open the lock. After open, the lock will keep open status.

User input “User Password#Service Password#” lock will blink in green twice. Then user turn the lock anticlockwise to open the lock. After close, the lock will keep close status.

If user forgot User Password, he can input “Manager Password#” to open the lock.

If user forgot the Manager Password, he can send us the SN of the lock, we will give you a password

to open the lock.

3.7.4. Set the lock in Double key mode

Input “#3#”lock will prompt with “di di” and green light blink fast. Then input “Manager Password#”, green light will blink slower. Next input “1#”, lock will prompt with “di” and light blink in green one time. Lock is in Double key mode.

(Total is: #3#Manager Password#1#)

3.7.5. Set the lock in Single key mode

Input “#3#”lock will prompt with “di di” and green light blink fast. Then input “Manager Password#”, green light will blink slower. Next input “0#”, lock will prompt with “di” and light blink in green one time. Lock is in Single key mode.

(Total is: #3#Manager Password#0#)

3.7.6. Password in Double key mode

Manager Password, User Password and Service Password must be set in advance.

Manager Password and User Password can be used for open lock.

Usually user use User Password to unlock. If use Manager Password to unlock, the User Password will be defaulted as 0000, the Service Password will be defaulted as 1111.

Chapter 4 Additional functions

4.1. Voice prompt

Lock will with voice prompt when input password, in low voltage, operate correct or incorrect.

4.2. Light prompt

Lock blinks in green means correct.

Lock blinks in red means incorrect.

4.3. Low voltage prompt

If lock’s battery is near run out, lock will prompt with sound “di di” for 8 times, and after unlocking, lock will blink in red, it means the voltage is under 2.5V, need to change new batteries.

4.4. Warning function

If user keep inputting incorrect password for 5 times, lock will warn with red light blinks for twice and sound “di di”. Then the lock will be locked for 5min, input correct manager code can unlock.

During that 5min, when press the button, the lock will prompt with sound as “di di di di di” and red light blinks. 5min later, the keyboard will be available again.

4.5. Mess code

4.5.1. Definition

Mess code function means if user input random numbers before or after the correct password, the lock open.

This function is intended to avoid User’s password be peeped by passers-by.

4.5.2. To set lock with mess code function

Input “#4#”lock will prompt with “di di di” and green light blink fast. Then input “Manager Password#”, green light will blink slower. Next input “0#”, lock will prompt with “di” and light blink in green one time. Lock is with mess mode condition.

(Total is: #4#Manager Password#0#)

4.5.3. To cancel mess code function

Input “#4#”lock will prompt with “di di di” and green light blink fast. Then input “Manager Password#”, green light will blink slower. Next input “1#”, lock will prompt with “di” and light blink in green one time. Lock is with mess mode condition.

(Total is: #4#Manager Password#1#)

4.6. OTP

Every lock has an unique SN On the lock body.

If user forget all passwords and the lock is locked, user can send us the SN, we will send a OTP(one time password). User input “OTP#” to open the lock. And all password will be defaulted.