

User Manual

ACR1

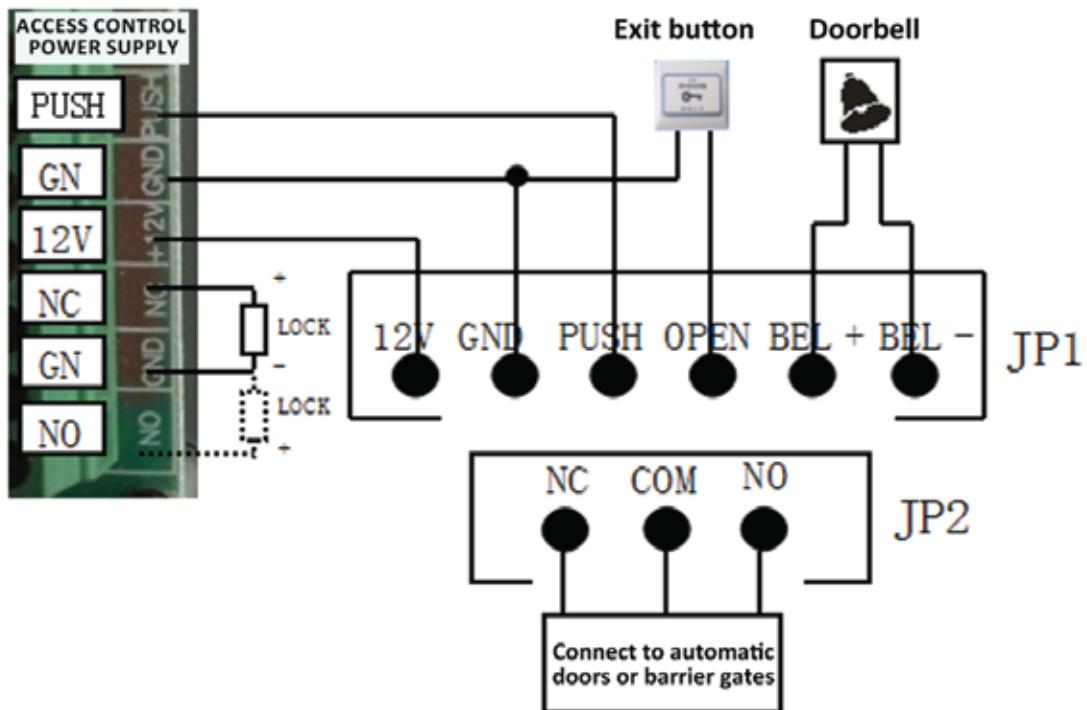
1. Product functions and technical parameters

This machine is an access control all-in-one machine with contactless proximity card and password for access control, which is simple to use and reliable. The main technical parameters of the product are as follows:

project	index	project	index
Operating	DC 12V±10%	User capacity	1000 pcs
Operating	< 100mA	The type of card	EM card
Operating	0°C—60°C	Reading distance	1-5CM

The name of the parameter	Parameter value	The name of the parameter	Parameter value
Open door mode	Card or password to open the door	Public door opening code	not
Unlock time	5 seconds		

2. Installation and wiring instructions



3. Access control machine programming

3.1 Programming operation instructions: (the factory value of the programming password is: 123456)

Note: All passwords can be 3~6 digits

The name of the programming	Continuous key pressing (card reading) operation	remark
Change the programming password	# Programming Password # 0 New Programming Password # Repeat New Programming Password #	If you have forgotten the programming password, you can follow step 3.3 to restore to the factory default value (123456)
Add user cards	# Programming Password # 1 Read the card #	If you need to add multiple user cards at once, you can read the cards continuously
Add (modify) the password for public door opening	# Programming Password # 21 New Password #	Only one set of public door opening passwords can be set; When opening the door with a password, enter the "password" and press "#" to open the door
Delete all users	# Programming Password # 40 0000 #	This action deletes all card and passcode users, but does not delete the public door opening passcode
Delete the user (card read).	# Programming Password # 41 Card reading #	If you need to delete multiple user cards at once, you can read the cards continuously

Commonly used	Extended operations	Extended operations
	Add users by user number	# Programming Password # 22 4-digit user number card read #
	Add a personal door opening password	# Programming Password # 23 4-Digit User Number New password #
	Deleting a User (Enter Number)	# Programming Password # 42 User number #
	Deleting a User (Enter Card Number)	# Programming Password # 43 Enter the card number manually #
	Modify the relay unlocking time	# Programming Password # 5 xx #
	Set the door opening mode	# Programming Password # 6 xx #
	Restore the machine factory parameters	# Programming Password # 8 99 #

3.2 Programming operation status prompt (take the programming operation of adding user card as an example)

steps	#	123456#	1 Card Reading	#
Sound and light prompt	The green light flashes quickly; Short beeps	The password is correct: the red light flashes quickly, and there is a short beep; Wrong password: Short beep three times	The green light flashes quickly; Cards that can be added make a long beep, and cards that have already been added have a short beep of three times	Input correct: one short beep; Input error, short beep three times. At the same time, the programming state is exited, and the red light flashes slowly.

3.3. Initialize the programming password (123456) and add the management card

Step 1: Power off, short the OPEN line and GND line, re-power on, and the traffic lights flash alternately after three long beeps

Step 2: Swipe two blank cards in a row, the first one is "Add Card" and the second one is "Delete Card" (if you don't need to manage the card, this step can be omitted).

Step 3: Power off, disconnect OPEN from GND, and then power back on, and the programming password initialization is completed.

3.4 User Number Description

The user number consists of 4 digits, ranging from 0001 to 9999. The user added by the command "1" does not occupy the user number. When the 40 command is run to delete all users, all user IDs are also cleared.

4. Other extended functions

4.1 Change the personal door opening password:

After the user swipes the card (or personal password) to open the door successfully, then press and hold the "#" button (about 3 seconds) until the green light flashes quickly, at this time, enter the new password # repeat the new password #, the buzzer beeps for a long time, and the personal door opening password corresponding to the card is successfully modified.



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4.2 "Card + password" door opening function

To make the access control machine realize the "card + password" door opening function, please follow the steps below:

1. In the mode of "card opening", first configure the personal password of the user card according to the method of 4.1
2. Execute **# Programming password # 603 #** Set the access control machine to "card + password" to open the door
3. Swipe the user card, the green light flashes quickly, then enter the personal door opening password, and then press #, the green light is always on, and the door is opened successfully

4.3 Door normally open function description:

After swiping the card or password to open the door normally, immediately press the 7 9 number key to make the door open; When the door is normally open, as long as the door is opened again by swiping the card, password or exit button, it will automatically exit the normally open state.

4.4 How to use the management card

Add user card: In standby mode, swipe "Add Card", then swipe the user card you want to add, and then swipe "Add Card".

Delete the user card: In the standby state, swipe "Delete Card", then swipe the user card you want to delete, and then swipe "Delete Card".

Delete all users: In standby mode, swipe "Delete Card", then "Add Card", and then "Delete Card". This will delete all users.

5. Daily use and status reminders

5.1 Everyday Use

Swipe the card to open the door: Hold the card to quickly approach the card reading area of the access control machine

Password to open the door: Enter the password, then press #

Card + Password: Swipe the card first, then enter the password, and then press #

5.2 Status Prompt:

Standby state: red light flashes slowly (on for 2 seconds and off for 2 seconds)

Unlock status: green light is always on

Swipe a valid card (or valid password): A short beep will turn on the green light

Swipe an invalid card (or invalid password): Short beep three times, red light flashes slowly



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