

when a user has lost their card	2 User ID #
To set a card and PIN user in card and PIN mode (3 🔟 🕮 🕽	ĺ
To Add a card and PIN user(The PIN is any 4-6digits between 0000 & 999999 with the exception of 1234 which is reserved.)	Add the card as for a card user Press 1 to exit from the programming mode Then allocate the card a PIN as follows: (*) [Read card] [1234 #) [PIN #] [PIN #]
To change a PIN in card and PIN mode (Method 1) Note that this is done outside programming mode so the user can undertake this themselves	[*] [Read_Card] [Old PIN #] [New PIN #] [New PIN #]
To change a PIN in card and PIN mode (Method 2) Note that this is done outside programming mode so the user can undertake this themselves	[*] [ID number #] [Old PIN #] [New PIN #] [New PIN #]
To delete a Card and PIN user just delete the card	2 User ID #
To set a card user in card mode (3 🗐 📲]	
To Add and Delete a card user	The operating is the same as adding and deleting a card user in 32#
To delete All users	
To delete ALL users. (Note that this is a dangerous option so use with care)	[2][0000][#]
To unlock the door	
For a PIN user	Enter the PIN then press #
For a card User	Read card
For a card and PIN user	Read card then enter PIN #

6.2. Relay Setting (Pulse mode, Toggle mode)

Pulse mode (Factory default)		Keyp
Pulse mode - Door relay time setting	4.17~99) The door relay time is between 1~99 seconds, the factory default setting is 5 seconds. Every time a valid tag/card or PIN is read/input in Pulse Mode, the relay will operate, for the pre-set relay pulse time	To re
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5 1-3 # etic contact of the lock, if the door is opened normally, but not y to remind people to close the door and continue for 1 minute etic contact of the lock, if thedoor is opened by force, or if the k not closed properly, the inside buzzer and alarm output will 8 minutes with the default being 1 minute.		
etic contact of the lock, if the door is opened normally, but not y to remind people to close the door and continue for 1 minute stic contact of the lock, if thedoor is opened by force, or if the ck not closed properly, the inside buzzer and alarm output will 8 minutes with the default being 1 minute.		
60#		
61#		
l cards or 10 incorrect PIN numbers in succession either te, depending on the option selected below.		
70 # (Factory default setting)		
7 1 #		
72#		
7. To remove the alarm		
Read valid card or Master Code #		
Close the door or Read valid card or Master Code #		
1 t		

Terminal Wire Connector Function

Black Operative Op

Do not plug the power supply or transformer into the mains until all wiring has been completed and the front cover secured.





6. Detailed Programming Guide

1. User Settings		
To enter the programming mode	* Master code #	
	9999 is the default factory master code	
To exit from the programming mode	*	
Note that to undertake the following programming the master	r user must be logged in	
To change the master code	0 New code # New code # The master code is any 4-6 digits	
Setting the working mode: Set valid card only users Set valid card and PIN users Set valid card or PIN users	30 ∰ by card only 31 ∰ by card and PIN together 32 ∰ by either card or PIN (default)	
To set a user in either card or PIN mode (3 🛛 📑 🛄 Defaul	t setting)	
To add a PIN user	User ID number) # [PIN] # The ID number is any number between 000-9999. The PIN is any 4-6 digits between 0000-99999 with the exception of 1234 which is reserved. Users can be added continuously without exiting from programming mode as follows: User ID no 1 # [PIN] # User ID no 2 # [PIN] #	
To delete a PIN user	2)User ID number(#) Users can be deleted continuously without exiting programming mode	
To change the PIN of a PIN user (This step must be done out of programming mode)	* [ID number #] [Old PIN #] [New PIN #] [New PIN #]	
To add a card user (Method 1) This is the fastest way to enter cards using ID number auto generation.	1 Read card # Cards can be added continuously without exiting programming mode	
To add a card user (Method 2) This is the alternative way to enter cards using User ID Allocation. In this method a User ID is allocated to a card. Only one user ID can be allocated to a single card.	1] [ID number] #] [ReadCard] #)	
To delete a card user by card number. Note users can be deleted continuously without exiting programming mode	2]Read Card)#	

8. Resetting To Factory Default Setting

To reset to factory default, power off, press 🜸, hold it and power on, release it until hear three beeps(two short, one long), means reset to factory default successfully. Remarks: Reset to factory default, the user's information is still retained.

9. Technical Specification

Supply Voltage	12V DC
Current Consumption	<20mA
Door Relay	3A
Alarm output load	3A
Memory	Non volatile EPROM memory
Codes	1000 Users
Keypad	12 keys, 3 LED status indicators
Card Types	EM or EM compatible
Induction Distance	2-6cm
	Electric lock
Wiring Connections	Remote Request to Exit
	Door open detection
	External Alarm
Tamper Protection	Negative loop, normally closed
Keypad Housing	Metal
Operating Temperature	-40°C to 60°C (-40°F to 140°F)
Dimensions	L128 mm×W82 mm×H28mm (BC-2000)
Diffensions	L135 mm×W58 mm×H26 mm (K2)
Weight	500g

10. Package Listing

Name	Model no.	Qnty	Remark
Digital Keypad	BC-2000/K2	1	
User Manual	BC-2000/K2	1	
Diode	1N4004	1	
Wall Fixing Plug	Φ 6mm × 27 mm	4	Used for fixing
Self TapPINg Screws	⊕4mm×27 mm	4	Used for fixing

BC-2000/K2 Quick Reference Programming Guide

To enter the programming mode	* Master code # 9999 is the default factory master code		
To exit from the programming mode	*		
Note that to undertake the following programming the master user must be logged in			
To change the master code	0 New code # New code # The master code can be 4-6 digits long		
To add a PIN user	User ID number # PIN # The ID number is any number between 000 ~ 999. The PIN is any 4-6 digits between 0000 ~ 999999 with the exception of 1234 which is reserved. Users can be added continuously without exiting programming mode		
To add a card user	☐ <u>Read Card</u> # Cards can be added continuously without exiting from programming mode		
To delete a PIN or a card user.	[2][<u>User ID number]</u> 冊) for a PIN user or [2][<u>Read Card</u>] 冊 for a card user Users can be deleted continuously without exiting from programming mode		
To unlock the deer			
10 UNIOCK THE GOOF			
To unlock the door for a PIN user	Enter the PIN then press #]		
To unlock the door for a card user	Present the card		