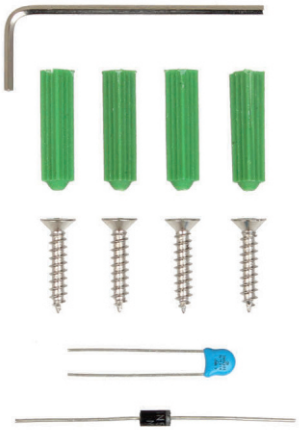
ACCESS CONTROL

USER MANUAL

CE FC RoHS

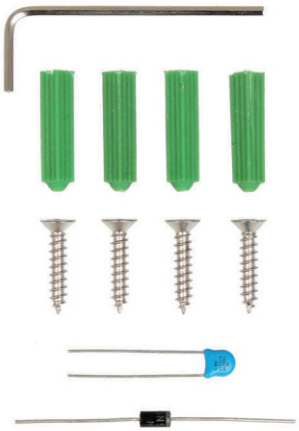
System Components

Proximity and Keypad Reader



1 x Hex Key
4 x Plastic wall plug
4 x Countersunk screws
2 x Diode and 2 x Capacitor

Proximity and Keypad Reader

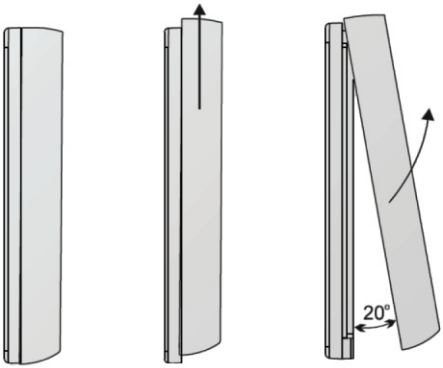


1 x Hex Key
4 x Plastic wall plug
4 x Countersunk screws
2 x Diode and 2 x Capacitor

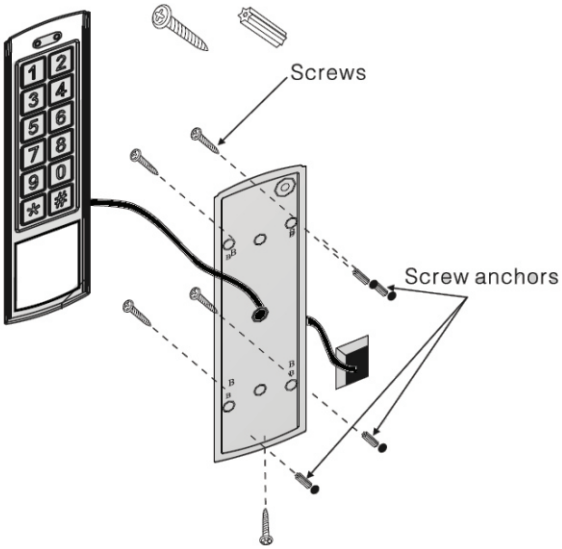
Contents

Installation

Release hex screw from
the bottom of the keypad



(Side View)
Push the keypad up to release from mount plate

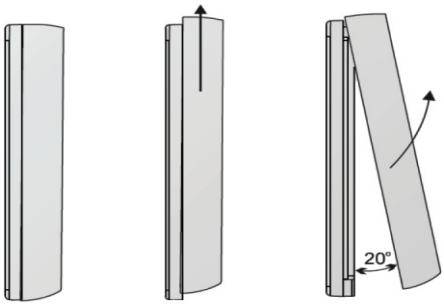


Thread system cable through the cable entry hole then make the system connections (as per the wiring diagram), mount the bracket to the surface and slide the keypad to the mountplate, re-fit the hex screw to secure into position.

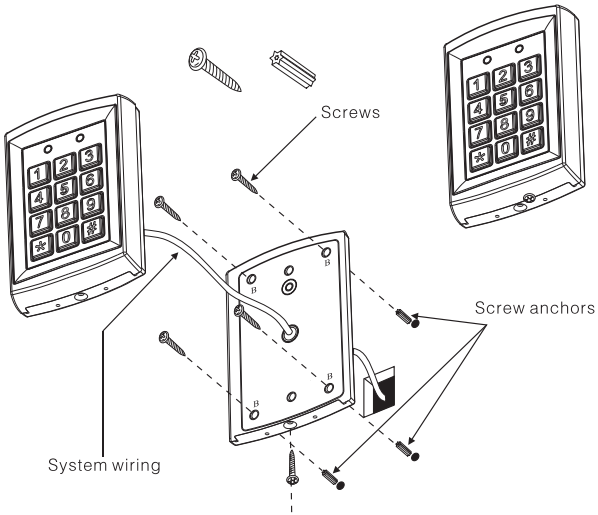
Note: if using more than one keypad, ensure that the keypads are mounted a minimum 185cm apart

Installation

Release hex screw from
the bottom of the keypad



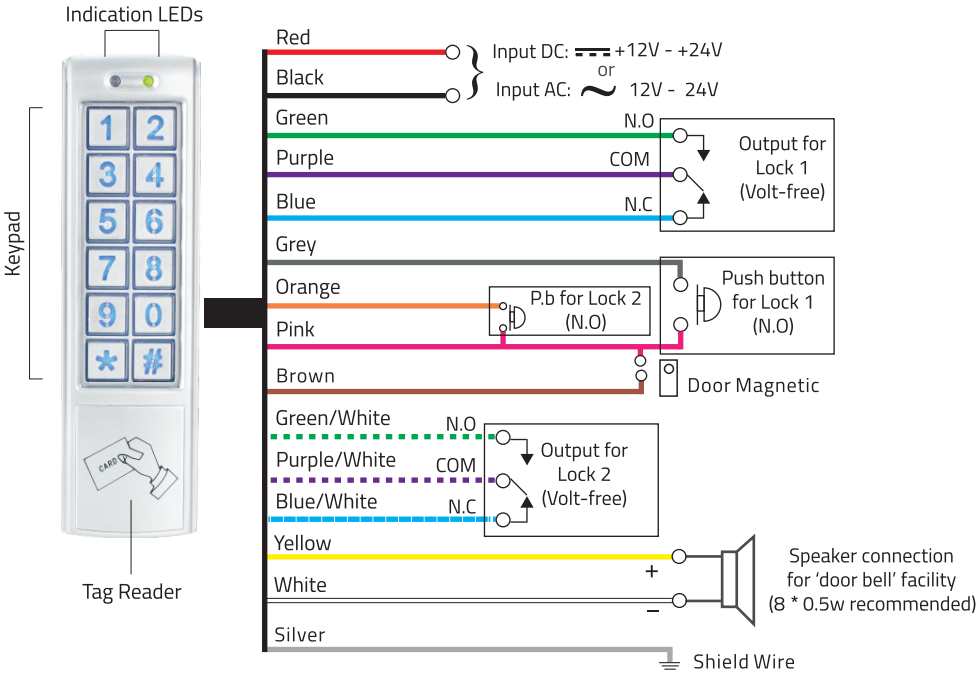
(Side View)
Push the keypad up to release from mount plate



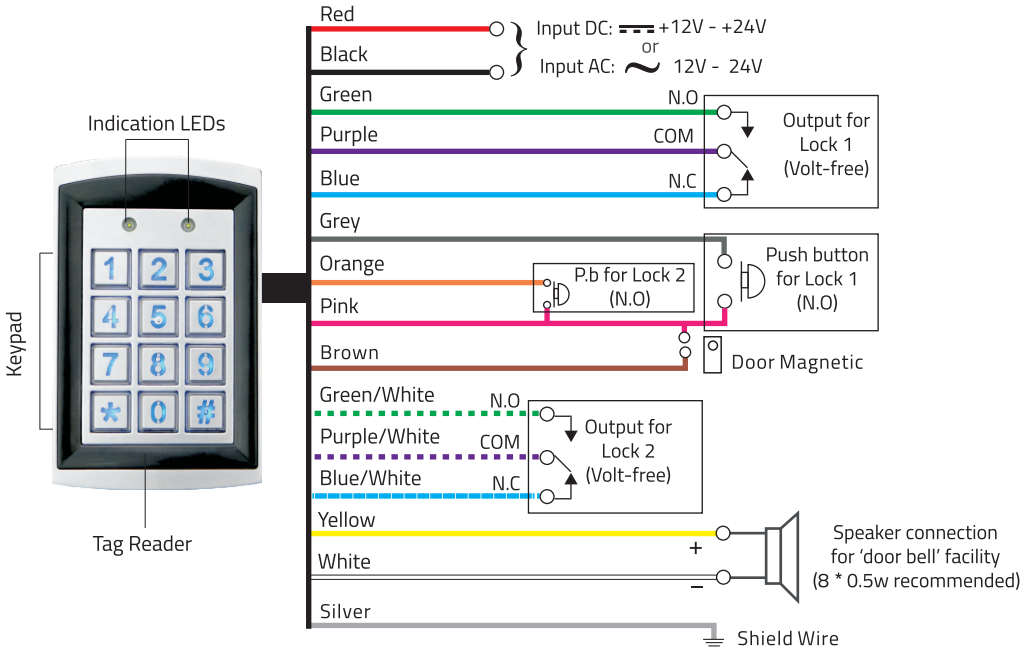
Thread system cable through the cable entry hole then make the system connections (as per the wiring diagram), mount the bracket to the surface and slide the keypad to the mountplate, re-fit the hex screw to secure into position.

Note: if using more than one keypad, ensure that the keypads are mounted a minimum 185cm apart

Wiring 1



Wiring 2



How to set-up Access Pin Number

Step Number	Action	Keypad Indication
1	Enter Programming [1][2][3][4][1][2][3][4] (Default)	Long Tone
2	[*][9]	
3	[0][2]	Long Tone
4	Enter a starting location number [0][0][0] ~ [9][9][9]	Double Tone
5	[?][?][?][?] Enter a 4 digit pin (1234 not be used)	Long Tone
6	[#][#] To end programming	

How to set-up Tags in batches (Normal EM125KHz cards)

Step Number	Action	Keypad Indication
1	Enter Programming [1][2][3][4][1][2][3][4] (Default)	Long Tone
2	[*][9]	
3	[0][1]	Long Tone
4	Enter a starting unused location number * [0][0][0] ~ [9][9][9]	Long Tone
5	[?][?][?] Enter 3-digit number as quantity of tags to be registered	Tone
6	 Present all the tags one by one	Tone
7	All tags will be auto register [#][#] To end programming	

*Each tag will use up a location number (the locations must)

How to set-up Tags in batches (Tags in consecutive numbers)

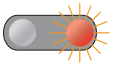
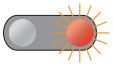
Step Number	Action	Keypad Indication
1	Enter Programming [1][2][3][4][1][2][3][4] (Default)	Long Tone
2	[*][9]	
3	[0][5]	Long Tone
4	Enter a unused location number* [0][0][0] ~ [9][9][9]	Long Tone
5	[?][?][?] Enter 3-digit number as quantity of tags to be registered	Tone
6	 Present the tag with the lowest serial number	Tone
7	All other batch tags will auto register [#][#] To end programming	

*Each tag will use up a location number

Deleting Access Pin or Tag

Step Number	Action	Keypad Indication
1	Enter Programming [1][2][3][4][1][2][3][4] (Default)	Long Tone
2	Enter the location number of tag/pin [0][0][0] ~ [9][9][9]	
3	[*][*] To delete	
4	[#][#] To end programming	

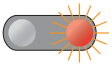
Changing Programming Pin

Step Number	Action	Keypad Indication
1	Enter Programming [1] [2] [3] [4] [1] [2] [3] [4] (Default)	 Long Tone
2	[*] [3]	
3	[?] [?] [?] [?] Enter new 4 digit programming pin	
4	[?] [?] [?] [?] Re-enter new 4 digit programming pin	 Long Tone
5	[#] [#] To end programming	

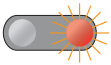
Note; To access keypad's programming mode, the 4 digit programming code is entered in twice

If forgot the password, turn off the power, press and hold button [#] , connect power again until Bi- sound is heard, the password will be reset to default one 1234.

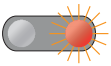
Clear all Pin and Tag Data

Step Number	Action	Keypad Indication
1	Enter Programming [1] [2] [3] [4] [1] [2] [3] [4] (Default)	 Long Tone
2	[*] [8]	
3	[8] [8]	 Long Tone
4	[#] [#] To end programming	

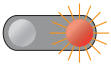
Default to Factory Settings

Step Number	Action	Keypad Indication
1	Enter Programming [1] [2] [3] [4] [1] [2] [3] [4] (Default)	 Long Tone
2	[*] [8]	
3	[9] [9]	 Long Tone
4	[#] [#] To end programming	

Lock 1 Output Operating Time

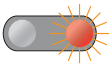
Step Number	Action	Keypad Indication
1	Enter Programming [1] [2] [3] [4] [1] [2] [3] [4] (Default)	 Long Tone
2	[*] [1]	
3	Enter number of seconds 00-99 [?] [?]	 Long Tone
4	[#] [#] To end programming	

Enable 'Door Bell' Facility

Step Number	Action	Keypad Indication
1	Enter Programming [1] [2] [3] [4] [1] [2] [3] [4] (Default)	 Long Tone
2	[*] [2]	
3	[0] [2] To enable [0] [1] To disable	 Long Tone
4	[#] [#] To end programming	

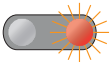
[*] Becomes the 'door bell' push in normal mode

Enable 'Buzzer' Function

Step Number	Action	Keypad Indication
1	Enter Programming [1] [2] [3] [4] [1] [2] [3] [4] (Default)	 Long Tone
2	[*] [2]	
3	[0] [3] To enable [0] [4] To disable	
4	[#] [#] To end programming	

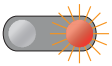
*Once the "Buzzer" function is disabled, keypad operation becomes mute.

Enable 'Tamper Alarm' facility

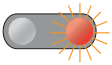
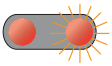
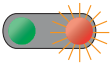
Step Number	Action	Keypad Indication
1	Enter Programming [1][2][3][4][1][2][3][4] (Default)	 Long Tone
2	[*][6]	
3	[0][2] To enable [0][1] To disable	 Long Tone
4	[#][#] To end programming	

Tamper alarm activates the keypad's internal buzzer and 'door bell' output if the light sensor is exposed

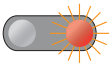
Access Pin Number for Lock 2 Output

Step Number	Action	Keypad Indication
1	Enter Programming [1][2][3][4][1][2][3][4] (Default)	 Long Tone
2	[*][9]	
3	[0][3]	 Long Tone
4	Enter an unused location number [0][0] ~ [0][9]	 Double Tone
5	[?][?][?][?] Enter a 4 digit pin (1234 should not be used)	 Long Tone
6	[#][#] To end programming	

Deleting Access Pin for Lock 2

Step Number	Action	Keypad Indication
1	Enter Programming [1][2][3][4][1][2][3][4] (Default)	 Long Tone
2	[*][4]	
3	Enter the location number of pin [0][0] ~ [0][9]	
4	[*][*] To delete	
5	[#][#] To end programming	

Lock Output Operating Time f or Lock 2 Output

Step Number	Action	Keypad Indication
1	Enter Programming [1][2][3][4][1][2][3][4] (Default)	 Long Tone
2	[*][5]	
3	Enter number of seconds 00-99 [?][?]	 Long Tone
4	[#][#] To end programming	

To assist in future programming, it is recommended that a record is made of the system setup.

System Location Number (000-999)	Tag Serial Number	Tag Owner	Notes

record is made of the system setup.

System Location Number (000-999)	Tag Serial Number	Tag Owner	Notes

User Guide

To release Lock 1

(A)
Enter a programmed
Access Pin number

(B)
Present a
registered tag

To access programming mode

1	2	3	4	1	2	3	4

(Default)

Technical Specification

DC input	12 - 24volts
AC input	12 - 24volts
Standby current	80ma
Operating current (without lock)	110ma

Working temperature	-20c to +50c
Reader frequency	125KHz
IP rating	65
Dimension	150 x 44 x 24mm 119 x 76 x 21mm