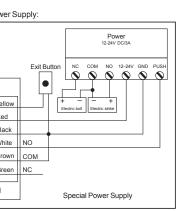
Foort	louped	INTRODUCTION The device is a single entry standalone Access Control with integrated keypac and card reader. It is an easy to install and operate device, designs in as less as 6 wires for mounting, with user-friendly programming. The compact design	Surface Finish Pe Dimensions L1	inc-Alloy Enclosure owder Coat 120 X W76 X H25 (mm) (Wide) 130 X W56 X H23 (mm) (Narrow)		Notes Request to Exit input(REX) -18 Votes DC Regulated Power Input	Acces
	Keypad tdoor)	makes it a good choice for door access. The device is housed in a strong Zinc Alloy electroplated case. It supports up t 1000 users in multiple access configurations (Card Only, Card or PIN, or Card + PIN). The built in card reader supports EM 125KHz frequency cards. <b>Two Versions Optional:</b>	Chipping Woight E5	70g(Wide)/490g(Narrow) 50g(Wide)/550g(Narrow)	Black GND G White NO N Brown COM C	Ground Iormally Open Relay Output Common Connection for Relay Output Iormally closed Relay Output	
		1) Indoor, nonwaterproof 2) Outdoor,Waterproof(IP66) Features > Waterproof, conforms to IP66 > Vandal Resistant Enclosure > Backlit Keypad > Multi-color LED status display		Controller N4004 (For relay circuit protection)	Connection Diagram Common power supply:	ixit Button Power	
		<ul> <li>&gt; One Programmable Relay Output</li> <li>&gt; One Programmable Relay Output</li> <li>&gt; 1000 Users(990 Normal Users+10 Visitor Users)</li> <li>&gt; Access Mode: Card, PIN, Card + PIN</li> <li>&gt; Low power consumption (50mA)</li> <li>&gt; Anti-Tamper Alarm</li> <li>&gt; Latch Mode to hold door or gate open</li> <li>&gt; 9-18V DC Power input</li> </ul>		oping Screws chors	OPEN Yellow 9-18V Red GND Black NO White NO		
<pre> 456 789 80# 90 ★0#</pre>		Specifications           User Capacity         1000 Cards/PINs           Normal Users         990           Visitor Users         10           Operating Voltage         9-18V DC           Idle Current         50mA           Action Constraint         90mA	INSTALLATION > Remove the back cover from the unit > Drill 2 holes(A,C) on the wall for the screws and one hole for the cable > Knock the supplied rubber bungs to the screw holes(A,C) > Fix the back cover firmly on the wall with 4 flat head screws > Thread the cable through the cable hole(B) > Attach the unit to the back cover.		NO       Brown       COM       Electric strike: NO         COM       Green       NC       Electric strike: NO         NC       Common Power Supply       Common Power Supply         Attention: Install a 1N4004 or equivalent diode is needed when use a common power supply, or the keypad might be damaged. (1N4004 is included in the packing)		PRO Progra instruct
		Active Current         80mA           Keypad         12 Key           Proximity Card Reader         EM           Radio Technology         125 KHz Industry Standard Proximity Card           Read Range         3-6cm           Wiring Connections         Relay Output, Exit Button           Relay         One (NO, NC, Common)					Chang Multiple mode,
User	r Manual	Relay     One (NO, NC, Common)       Adjustable Relay Output Time     0-99 Seconds (5 seconds default)       Lock Output Load     3 Amp Maximum       Environment     Meets IP66       Operating Temperature     -40°C~<60°C, -40°F~140°F		<u>нини</u> -2-		-3-	The 4-6 system (factory record
		1			1		
rogramming Step	Keystroke Combination	Set Strike-out Alarm	2 Add Card: Using Auto ID	1/Pood Card\#	Change a PIN		Visito
Enter Program Mode	* (Master Code)#	The strike-out alarm will engage after 5 failed card/PIN attempts. Default is OFF. The strike-out alarm can be set to deny access for 10 minutes after	2. Add Card: Using Auto ID (Allows the device to assign Card to next available User ID number)	1 (Read Card) # Cards can be added continuously.	Change a PIN This operation is executed from outs Programming Step	ide of Program Mode.	There
Enter Program Mode Update Master Code	* (Master Code) #     0 ( New Master Code) #     ( Repeat New Master Code) #	The strike-out alarm will engage after 5 failed card/PIN attempts. Default is OFF. The strike-out alarm can be set to deny access for 10 minutes after engaging or it can be set disengage only after entering a valid card/PIN or Master code.	(Allows the device to assign Card to next available User ID number) OR 2. Add Card: Select Specific ID	Cards can be added continuously. 1 (User ID) # (Read Card) #	This operation is executed from outsi	Keystroke Combination * (User ID #) (Old PIN #)	There specif i.e. 5 t
Enter Program Mode Update Master Code	* (Master Code) # 0 ( New Master Code) #	The strike-out alarm will engage after 5 failed card/PIN attempts. Default is OFF. The strike-out alarm can be set to deny access for 10 minutes after engaging or it can be set disengage only after entering a valid card/PIN or	(Allows the device to assign Card to next available User ID number) OR 2. Add Card: Select Specific ID (Allows manager to define a specific User ID to associate the	Cards can be added continuously.	This operation is executed from outsi Programming Step	Keystroke Combination	There
Enter Program Mode Update Master Code Exit Program Mode Access Configuration	* (Master Code) #      0 ( New Master Code) #     (Repeat New Master Code) #      *	The strike-out alarm will engage after 5 failed card/PIN attempts. Default is         OFF. The strike-out alarm can be set to deny access for 10 minutes after engaging or it can be set disengage only after entering a valid card/PIN or Master code.         Programming Step       Keystroke Combination         1. Enter Program Mode       * (Master Code) #         2. Strike-Out OFF       6 0 # (factory default)	(Allows the device to assign Card to next available User ID number) OR 2. Add Card: Select Specific ID (Allows manager to define a	Cards can be added continuously. 1 (User ID) # (Read Card) # The user ID is any number from	This operation is executed from outsi Programming Step 1. Change a PIN ACCESS CONFIGURATION: CA	Keystroke Combination * (User ID #) (Old PIN #) (New PIN #) (New PIN #)	There specif i.e. 5 t
Enter Program Mode Update Master Code Exit Program Mode Access Configuration re are 3 types of access configur ard or PIN (Default): The User n	* (Master Code) #      0 ( New Master Code) #     (Repeat New Master Code) #      *  rations for the device nust present a valid Card to the device or	The strike-out alarm will engage after 5 failed card/PIN attempts. Default is         OFF. The strike-out alarm can be set to deny access for 10 minutes after engaging or it can be set disengage only after entering a valid card/PIN or Master code.         Programming Step       Keystroke Combination         1. Enter Program Mode       * (Master Code) #         2. Strike-Out OFF       6 0 # (factory default)         OR       2. Strike-Out ON	(Allows the device to assign Card to next available User ID number) OR 2. Add Card: Select Specific ID (Allows manager to define a specific User ID to associate the card to)	Cards can be added continuously. <b>1 (User ID) # (Read Card) #</b> The user ID is any number from 0–989.	This operation is executed from outsi Programming Step 1. Change a PIN	Keystroke Combination * (User ID #) (Old PIN #) (New PIN #) (New PIN #)	There specif i.e. 5 t Prog 1. Ent 2. Add OR
Enter Program Mode Update Master Code Exit Program Mode Access Configuration re are 3 types of access configur ard or PIN (Default): The User in ther their PIN code followed by th red Only: The User must presen	* (Master Code) #     0 ( New Master Code) #     (Repeat New Master Code) #     *  rations for the device	The strike-out alarm will engage after 5 failed card/PIN attempts. Default is OFF. The strike-out alarm can be set to deny access for 10 minutes after engaging or it can be set disengage only after entering a valid card/PIN or Master code.         Programming Step       Keystroke Combination         1. Enter Program Mode       * (Master Code) #         2. Strike-Out OFF       6 0 # (factory default)         OR       2. Strike-Out ON         6 1 # Access will be denied for	(Allows the device to assign Card to next available User ID number) OR 2. Add Card: Select Specific ID (Allows manager to define a specific User ID to associate the card to) 3. Exit Program Mode Delete User Cards	Cards can be added continuously. 1 (User ID) # (Read Card) # The user ID is any number from 0~989. *	This operation is executed from outsi  Programming Step  1. Change a PIN  ACCESS CONFIGURATION: CA Add a Card+ PIN User  Programming Step  1. Enter Program Mode	Keystroke Combination         * (User ID #) (Old PIN #) (New PIN #) (New PIN #)         RD+PIN         Keystroke Combination         * (Master Code) #	There specif i.e. 5 t <b>Prog</b> 1. Ent 2. Add
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Enter Program Mode Update Master Code Exit Program Mode Access Configuration re are 3 types of access configur ard or PIN (Default): The User m ter their PIN code followed by th ard Only: The User must first pr ter their PIN to User must first pr ter their PIN code followed by th rogramming Step Enter Program Mode	* (Master Code) #         0 ( New Master Code) #         (Repeat New Master Code) #         *         *         rations for the device         must present a valid Card to the device or         re key, in order to be granted access.         t availd Card to the device in order to be	The strike-out alarm will engage after 5 failed card/PIN attempts. Default is OFF. The strike-out alarm can be set to deny access for 10 minutes after engaging or it can be set disengage only after entering a valid card/PIN or Master code.         Programming Step       Keystroke Combination         1. Enter Program Mode       * (Master Code) #         2. Strike-Out OFF       6 0 # (factory default)         OR       6 1 # Access will be denied for 10 minutes         2. Strike-Out ON       6 1 # Access will be denied for 10 minutes         Set alarm time       5 (0 ~ 30) #, Factory default is 1 minute.         3. Exit       *	(Allows the device to assign Card to next available User ID number) OR 2. Add Card: Select Specific ID (Allows manager to define a specific User ID to associate the card to) 3. Exit Program Mode Delete User Cards Programming Step 1. Enter Program Mode 2. Delete Card: By card OR	Cards can be added continuously. 1 (User ID) # (Read Card) # The user ID is any number from 0~989.  *  Keystroke Combination * (Master Code) # 2 (Read Card) # Cards can be deleted continuously.	This operation is executed from outsi  Programming Step  1. Change a PIN  ACCESS CONFIGURATION: CA Add a Card+ PIN User  Programming Step  1. Enter Program Mode	Keystroke Combination         * (User ID #) (Old PIN #) (New PIN #) (New PIN #)         RD+PIN         Keystroke Combination         * (Master Code) #	There specif i.e. 5 t <b>Prog</b> 1. Ent 2. Add OR 2. Add 2. Del
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Enter Program Mode Update Master Code Exit Program Mode Access Configuration re are 3 types of access configur ard or PIN (Default): The User n ter their PIN code followed by th rd Only: The User must first pr ter their PIN code followed by th ogramming Step Enter Program Mode Card or PIN R Card + PIN R	* (Master Code) #         0 ( New Master Code) #         (Repeat New Master Code) #         *         rations for the device         must present a valid Card to the device or         e # key, in order to be granted access.         t valid Card to the device in order to be         resent a valid Card to the device and then         t key, in order to be granted access.         Keystroke Combination         * (Master Code) #         3 0 #	The strike-out alarm will engage after 5 failed card/PIN attempts. Default is OFF. The strike-out alarm can be set to deny access for 10 minutes after engaging or it can be set disengage only after entering a valid card/PIN or Master code.         Programming Step       Keystroke Combination         1. Enter Program Mode       * (Master Code) #         2. Strike-Out OFF       6 0 # (factory default)         OR       6 1 # Access will be denied for 10 minutes         2. Strike-Out ON       6 1 # Access will be denied for 10 minutes         2. Strike-Out ON       6 2 # The buzzer alarms.         Set alarm time       5 (0 ~ 30) #, Factory default is 1 minute.         3. Exit       *         Programming 2 Program Cards and PINS         Programming will vary depending on the access configuration. Follow the instructions according to your access configuration.	(Allows the device to assign Card to next available User ID number) OR 2. Add Card: Select Specific ID (Allows manager to define a specific User ID to associate the card to) 3. Exit Program Mode Delete User Cards Programming Step 1. Enter Program Mode 2. Delete Card: By card OR	Cards can be added continuously.  1 (User ID) # (Read Card) # The user ID is any number from 0~989.  *  Keystroke Combination  * (Master Code) #  2 (Read Card) # Cards can be deleted continuously.  2 (User ID) # The user ID is any number from	This operation is executed from outsi Programming Step 1. Change a PIN ACCESS CONFIGURATION: CA Add a Card+ PIN User Programming Step 1. Enter Program Mode 2. Add a User Card by ID number 3. Exit Program Mode 4. Add PIN Change PIN Allows card user to update the PIN fo	Keystroke Combination         * (User ID #) (Old PIN #) (New PIN #) (New PIN #)         RD+PIN         Keystroke Combination         * (Master Code) #         1 (User ID) # (Read Card) #         *         (Read Card) (1234#) (New PIN #) (New PIN #)         This operation is executed from outside of Program Mode         or their card + PIN User ID. This	There specific i.e. 5 th Prog 1. Ent 2. Add 2. Add 2. Del 3. Exi Note Num User Visitu comr
Enter Program Mode Update Master Code Exit Program Mode Access Configuration re are 3 types of access configur ard or PIN (Default): The User n ter their PIN code followed by th ard Only: The User must first pr ter their PIN code followed by th rogramming Step Enter Program Mode Card or PIN R Card + PIN R Card + PIN R Card only	* (Master Code) #         0 ( New Master Code) #         (Repeat New Master Code) #         *         rations for the device         must present a valid Card to the device or ne # key, in order to be granted access.         ta valid Card to the device and then ne # key, in order to be granted access.         Keystroke Combination         * (Master Code) #         3 0 #         3 1 #	The strike-out alarm will engage after 5 failed card/PIN attempts. Default is OFF. The strike-out alarm can be set to deny access for 10 minutes after engaging or it can be set disengage only after entering a valid card/PIN or Master code.         Programming Step       Keystroke Combination         1. Enter Program Mode       * (Master Code) #         2. Strike-Out OFF       6 0 # (factory default)         OR       6 1 # Access will be denied for 10 minutes         2. Strike-Out ON       6 1 # Access will be denied for 10 minutes         Set alarm time       5 (0 ~ 30) #, Factory default is 1 minute.         3. Exit       *         Programming 2       Program Cards and PINS         Programming will vary depending on the access configuration. Follow the instructions according to your access configuration.       Follow the access code in order to	(Allows the device to assign Card to next available User ID number) OR 2. Add Card: Select Specific ID (Allows manager to define a specific User ID to associate the card to) 3. Exit Program Mode Delete User Cards Programming Step 1. Enter Program Mode 2. Delete Card: By card OR 2. Delete Card: Select Specific ID	Cards can be added continuously.  1 (User ID) # (Read Card) # The user ID is any number from 0~989.  *  Keystroke Combination  * (Master Code) # 2 (Read Card) # Cards can be deleted continuously.  2 (User ID) # The user ID is any number from 0~989.	This operation is executed from outsi	Keystroke Combination         * (User ID #) (Old PIN #) (New PIN #) (New PIN #)         RD+PIN         Keystroke Combination         * (Master Code) #         1 (User ID) # (Read Card) #         *         (Read Card) (1234#) (New PIN #) (New PIN #)         This operation is executed from outside of Program Mode         or their card + PIN User ID. This	There specific i.e. 5 t Prog 1. Ent 2. Add 2. Addd 2. Add 2. Add 2. Add 2. Add 2. Add
Enter Program Mode Update Master Code Exit Program Mode Access Configuration re are 3 types of access configur ard or PIN (Default): The User m ter their PIN code followed by th ard Only: The User must first pr ter their PIN the User must first pr ter their PIN code followed by th rogramming Step Enter Program Mode Card or PIN R Card + PIN R Card + PIN R Card + PIN R Card only Exit Program Mode	* (Master Code) #         0 ( New Master Code) #         (Repeat New Master Code) #         *         rations for the device         must present a valid Card to the device or new fkey, in order to be granted access.         t valid Card to the device in order to be the granted access.         Keystroke Combination         * (Master Code) #         3 0 #         3 1 #         3 2 #	The strike-out alarm will engage after 5 failed card/PIN attempts. Default is         OFF. The strike-out alarm can be set to deny access for 10 minutes after engaging or it can be set disengage only after entering a valid card/PIN or Master code.         Programming Step       Keystroke Combination         1. Enter Program Mode       * (Master Code) #         2. Strike-Out OFF       6 0 # (factory default)         OR       6 1 # Access will be denied for 10 minutes         2. Strike-Out ON       6 1 # Access will be denied for 10 minutes         2. Strike-Out ON       6 2 # The buzzer alarms.         Set alarm time       5 (0 ~ 30) #, Factory default is 1 minute.         3. Exit       *         Programming 2 Program Cards and PINS         Programming will vary depending on the access configuration. Follow the instructions according to your access configuration.         GENERAL PROGRAMMING INFORMATION         > User ID Number. Assign a user ID number to the access code in order to keep track of the users of access cards or PINS. The nomral user ID can be any number from 0-989, and the 10 groups of visitoris from 990–999.	(Allows the device to assign Card to next available User ID number) OR 2. Add Card: Select Specific ID (Allows manager to define a specific User ID to associate the card to) 3. Exit Program Mode 2. Delete User Cards Programming Step 1. Enter Program Mode 2. Delete Card: By card OR 2. Delete Card: Select Specific ID 3. Exit Add or Delete a PIN	Cards can be added continuously.  1 (User ID) # (Read Card) # The user ID is any number from 0~989.  *  Keystroke Combination  * (Master Code) # 2 (Read Card) # Cards can be deleted continuously.  2 (User ID) # The user ID is any number from 0~989.  *	This operation is executed from outsi  Programming Step  1. Change a PIN  ACCESS CONFIGURATION: CA Add a Card+ PIN User  Programming Step  1. Enter Program Mode  2. Add a User Card by ID number  3. Exit Program Mode  4. Add PIN  Change PIN Allows card user to update the PIN for operation is executed from outside of	Keystroke Combination         * (User ID #) (Old PIN #) (New PIN #) (New PIN #)         RD+PIN	There specific.e.5t Prog 1.Ent 2.Add 2.Del 3.Exi Note Num User Visitic com <b>OTH</b> <b>Reset</b> 1.Pow 2.Pres 3.Ther
Enter Program Mode Update Master Code Exit Program Mode Access Configuration re are 3 types of access configur ard or PIN (Default): The User must presen anted access. ard + PIN: The User must first pr ter their PIN code followed by th rogramming Step Enter Program Mode Card or PIN R Card or PIN R Card only Exit Program Mode Relay Configuration	* (Master Code) #         0 ( New Master Code) #         (Repeat New Master Code) #         *         rations for the device         must present a valid Card to the device or new fkey, in order to be granted access.         t valid Card to the device in order to be the granted access.         Keystroke Combination         * (Master Code) #         3 0 #         3 1 #         3 2 #	The strike-out alarm will engage after 5 failed card/PIN attempts. Default is         OFF. The strike-out alarm can be set to deny access for 10 minutes after engaging or it can be set disengage only after entering a valid card/PIN or Master code.         Programming Step       Keystroke Combination         1. Enter Program Mode       * (Master Code) #         2. Strike-Out OFF       6 0 # (factory default)         OR       6 1 # Access will be denied for 10 minutes         2. Strike-Out ON       6 1 # Access will be denied for 10 minutes         2. Strike-Out ON       6 2 # The buzzer alarms.         Set alarm time       5 (0 ~ 30) #, Factory default is 1 minute.         3. Exit       *         Programming 2 Program Cards and PINS         Programming will vary depending on the access configuration. Follow the instructions according to your access configuration.         GENERAL PROGRAMMING INFORMATION         > User ID Number. Assign a user ID number to the access code in order to keep track of the users of access cards or PINS. The normal user ID can be any number from 0~989, and the 10 groups of visitoris from 990~999.         IMPORTANT: User IDs do not have to be proceeded with any leading zeros Recording of User ID is critical. Modifications to user duat require either the	(Allows the device to assign Card to next available User ID number) OR 2. Add Card: Select Specific ID (Allows manager to define a specific User ID to associate the card to) 3. Exit Program Mode 2. Delete User Cards Programming Step 1. Enter Program Mode 2. Delete Card: By card OR 2. Delete Card: Select Specific ID 3. Exit Add or Delete a PIN Programming Step	Cards can be added continuously.  1 (User ID) # (Read Card) # The user ID is any number from 0~989.  *  Keystroke Combination  * (Master Code) # 2 (Read Card) # Cards can be deleted continuously. 2 (User ID) # The user ID is any number from 0~989.  *  Keystroke Combination	This operation is executed from outsi Programming Step 1. Change a PIN ACCESS CONFIGURATION: CA Add a Card+ PIN User Programming Step 1. Enter Program Mode 2. Add a User Card by ID number 3. Exit Program Mode 4. Add PIN Change PIN Allows card user to update the PIN fc operation is executed from outside of Programming Step 1. Change PIN using a Card OR	Keystroke Combination         * (User ID #) (Old PIN #) (New PIN #) (New PIN #)         RD+PIN	There specific i.e. 5 th Prog 1. Ent 2. Add 2. Det 3. Exi Note Num User Visit com <b>OTH</b> <b>Reset</b> 1. Pow 2. Pres 3. Ther The
Enter Program Mode Update Master Code Exit Program Mode Exit Program Mode Exit Program Mode Cacess Configuration ard or PIN (Default): The User must presen anted access. ard only: The User must presen anted access. ard + PIN The User must first pr ter their PIN code followed by th rogramming Step Enter Program Mode Card or PIN R Card + PIN R Card only Exit Program Mode R R Card configuration relay configuration sets the behaver of the programming Step	* (Master Code) #         0 ( New Master Code) #         (Repeat New Master Code) #         *         rations for the device         must present a valid Card to the device or         e # key, in order to be granted access.         t valid Card to the device in order to be granted access.         Keystroke Combination         * (Master Code) #         3 0 #         3 1 #         3 2 #         *	The strike-out alarm will engage after 5 failed card/PIN attempts. Default is OFF. The strike-out alarm can be set to deny access for 10 minutes after engaging or it can be set disengage only after entering a valid card/PIN or Master code.         Programming Step       Keystroke Combination         1. Enter Program Mode       * (Master Code) #         2. Strike-Out OFF       6 0 # (factory default)         OR       6 1 # Access will be denied for 10 minutes         2. Strike-Out ON       6 1 # Access will be denied for 10 minutes         Strike-Out ON       6 2 # The buzzer alarms.         Set alarm time       5 (0 ~ 30) #, Factory default is 1 minute.         3. Exit       *         Programming 2 Program Cards and PINS         Programming will vary depending on the access configuration. Follow the instructions according to your access configuration.         Set ID Number: Assign a user ID number to the access code in order to keep track of the users of access cards or PINS. The normal user ID can be any number from 0-989, and the 10 groups of visitoris from 990–999.         IMPORTANT: User IDs do not have to be proceeded with any leading zeros Recording of User ID is critical. Modifications to user data require either the card or the User ID be available.         > Proximity Card: 125 KHz industry standard 26 bits EM Proximity Card.         > Keypade PIN: The PIN can be available.	(Allows the device to assign Card to next available User ID number)         OR         2. Add Card: Select Specific ID         (Allows manager to define a specific User ID to associate the card to)         3. Exit Program Mode         Delete User Cards         Programming Step         1. Enter Program Mode         2. Delete Card: By card         OR         2. Delete Card: Select Specific ID         3. Exit	Cards can be added continuously.  1 (User ID) # (Read Card) # The user ID is any number from 0~989.  *  Keystroke Combination  * (Master Code) # 2 (Read Card) # Cards can be deleted continuously. 2 (User ID) # The user ID is any number from 0~989.  *  Keystroke Combination  * (Master Code) # 1 (User ID) # (PIN) #	This operation is executed from outsi Programming Step 1. Change a PIN ACCESS CONFIGURATION: CA Add a Card+ PIN User Programming Step 1. Enter Program Mode 2. Add a User Card by ID number 3. Exit Program Mode 4. Add PIN Change PIN Allows card user to update the PIN fc operation is executed from outside of Programming Step	Keystroke Combination         * (User ID #) (Old PIN #) (New PIN #) (New PIN #)         RD+PIN	There specific i.e. 5 t Prog 1. Ent 2. Add 2. Addd 2. Add 2. Add 2. Add 2. Add 2. Add
Enter Program Mode Update Master Code Exit Program Mode Exit Program Mode Exit Program Mode Card or PIN (Default): The User must first pr ter their PIN code followed by th ard Only: The User must first pr ter their PIN code followed by th rogramming Step Enter Program Mode Card or PIN R Card or PIN R Card only Exit Program Mode R Exit Program Mode R Card only Exit Program Mode R Card Note R Card Not	* (Master Code) #         0 ( New Master Code) #         (Repeat New Master Code) #         *         rations for the device must present a valid Card to the device or the #key, in order to be granted access.         ta valid Card to the device in order to be resent a valid Card to the device and then ne # key, in order to be granted access.         Keystroke Combination         * (Master Code) #         3 0 #         3 1 #         3 2 #         *         waviour of the output relay on activation.         Keystroke Combination	The strike-out alarm will engage after 5 failed card/PIN attempts. Default is OFF. The strike-out alarm can be set to deny access for 10 minutes after engaging or it can be set disengage only after entering a valid card/PIN or Master code.         Programming Step       Keystroke Combination         1. Enter Program Mode       * (Master Code) #         2. Strike-Out OFF       6 0 # (factory default)         OR       6 1 # Access will be denied for 10 minutes         2. Strike-Out ON       6 1 # Access will be denied for 10 minutes         2. Strike-Out ON       6 2 # The buzzer alarms.         Set alarm time       5 (0 ~ 30) #, Factory default is 1 minute.         3. Exit       *         Programming 2 Program Cards and PINS         Programming will vary depending on the access configuration. Follow the instructions according to your access configuration.         GENERAL PROGRAMMING INFORMATION         > User ID Number. Assign a user ID number to the access code in order to keep track of the users of access cards or PINS. The normal user ID can be any number from 0~989, and the 10 groups of visitoris from 990–999.         IMPORTANT: User IDs do not have to be proceeded with any leading zeros Recording of User ID is critical. Modifications to user data require either the card or the User ID se available.         > Proximity Card. 125 KHz industry standard 26 bits EM Proximity Card.         > Keypad PIN: The PIN can be any 4-6 digits between 0000~999999(excep 1234 which is reserved for factory testing). <td>(Allows the device to assign Card to next available User ID number) OR 2. Add Card: Select Specific ID (Allows manager to define a specific User ID to associate the card to) 3. Exit Program Mode 2. Delete User Cards Programming Step 1. Enter Program Mode 2. Delete Card: By card OR 2. Delete Card: Select Specific ID 3. Exit Add or Delete a PIN Programming Step 1. Enter Program Mode 2. Add on Delete a PIN</td> <td>Cards can be added continuously.  1 (User ID) # (Read Card) # The user ID is any number from 0-989.  *  Keystroke Combination  * (Master Code) # 2 (Read Card) # Cards can be deleted continuously.  2 (User ID) # The user ID is any number from 0-989.  *  Keystroke Combination  * (Master Code) #</td> <td>This operation is executed from outsi</td> <td>Keystroke Combination         * (User ID #) (Old PIN #) (New PIN #) (New PIN #)         RD+PIN         Keystroke Combination         * (Master Code) #         1 (User ID) # (Read Card) #         *         * (Read Card) (1234#) (New PIN #) (New PIN #)         This operation is executed from outside of Program Mode         br their card + PIN User ID. This Program Mode.         Keystroke Combination         * (Read Card) (Old PIN #) (New PIN #) (New PIN #)         * (User ID #) (Old PIN #) (New PIN #) (New PIN #)         * (User ID #) (Old PIN #) (New PIN #) (New PIN #)         * (User ID #) (Old PIN #)         * and PINS</td> <td>There specific i.e. 5 t Progg 1. Ent 2. Add 2. Del 3. Exi Note Note Note Note Note Note Note Note</td>	(Allows the device to assign Card to next available User ID number) OR 2. Add Card: Select Specific ID (Allows manager to define a specific User ID to associate the card to) 3. Exit Program Mode 2. Delete User Cards Programming Step 1. Enter Program Mode 2. Delete Card: By card OR 2. Delete Card: Select Specific ID 3. Exit Add or Delete a PIN Programming Step 1. Enter Program Mode 2. Add on Delete a PIN	Cards can be added continuously.  1 (User ID) # (Read Card) # The user ID is any number from 0-989.  *  Keystroke Combination  * (Master Code) # 2 (Read Card) # Cards can be deleted continuously.  2 (User ID) # The user ID is any number from 0-989.  *  Keystroke Combination  * (Master Code) #	This operation is executed from outsi	Keystroke Combination         * (User ID #) (Old PIN #) (New PIN #) (New PIN #)         RD+PIN         Keystroke Combination         * (Master Code) #         1 (User ID) # (Read Card) #         *         * (Read Card) (1234#) (New PIN #) (New PIN #)         This operation is executed from outside of Program Mode         br their card + PIN User ID. This Program Mode.         Keystroke Combination         * (Read Card) (Old PIN #) (New PIN #) (New PIN #)         * (User ID #) (Old PIN #) (New PIN #) (New PIN #)         * (User ID #) (Old PIN #) (New PIN #) (New PIN #)         * (User ID #) (Old PIN #)         * and PINS	There specific i.e. 5 t Progg 1. Ent 2. Add 2. Del 3. Exi Note Note Note Note Note Note Note Note
Enter Program Mode Update Master Code Exit Program Mode Access Configuration ard or PIN (Default): The User must first pr ard or PIN code followed by th ard Only: The User must first pr their their PIN code followed by th ard Only: The User must first pr ther their PIN code followed by th cogramming Step Enter Program Mode Card or PIN R Card + PIN R Card + PIN R Card + PIN R Card only Exit Program Mode Ex	* (Master Code) #         0 ( New Master Code) #         (Repeat New Master Code) #         *         rations for the device must present a valid Card to the device or the #key, in order to be granted access.         Keystroke Combination         * (Master Code) #         3 0 #         3 1 #         3 2 #         *         waiviour of the output relay on activation.         Keystroke Combination         * (Master Code) #         3 1 #         3 2 #         *         waiviour of the output relay on activation.         Keystroke Combination         * (Master Code) #         4 (1-99) #         The relay time is 1-99 seconds. (1 is 50mS.) Default is 5 seconds.         4 0 #	The strike-out alarm will engage after 5 failed card/PIN attempts. Default is OFF. The strike-out alarm can be set to deny access for 10 minutes after engaging or it can be set disengage only after entering a valid card/PIN or Master code.         Programming Step       Keystroke Combination         1. Enter Program Mode       * (Master Code) #         2. Strike-Out OFF       6 0 # (factory default)         OR       6 1 # Access will be denied for 10 minutes         2. Strike-Out ON       6 1 # Access will be denied for 10 minutes         2. Strike-Out ON       6 2 # The buzzer alarms.         Set alarm time       5 (0 ~ 30) #, Factory default is 1 minute.         3. Exit       *         Programming 2 Program Cards and PINS         Programming will vary depending on the access configuration. Follow the instructions according to your access cards or PINS. The normal user ID can be any number from 0~989, and the 10 groups of visitoris from 990–999.         IMPORTANT: User IDs don oth ave to be proceeded with any leading zeros Recording of User ID is critical. Modifications to user data require either the card or the User ID be available.         > Proximity Card. 125 KHz industry standard 26 bits EM Proximity Card.         > Keypad PIN: The PIN can be any 4-6 digits between 0000~999999 (excep 1234 which is reserved for factory testing).	(Allows the device to assign Card to next available User ID number)         OR         2. Add Card: Select Specific ID         (Allows manager to define a specific User ID to associate the card to)         3. Exit Program Mode         Delete User Cards         Programming Step         1. Enter Program Mode         2. Delete Card: Select Specific ID         OR         2. Delete Card: Select Specific ID         3. Exit         Add or Delete a PIN         Programming Step         1. Enter Program Mode         2. Add a PIN         Assigns PIN to user ID number OR         2. Delete a PIN	Cards can be added continuously.  1 (User ID) # (Read Card) # The user ID is any number from 0~989.  *  Keystroke Combination  * (Master Code) # 2 (Read Card) # Cards can be deleted continuously. 2 (User ID) # The user ID is any number from 0~989.  *  Keystroke Combination  * (Master Code) # 1 (User ID) # (PIN) # PINS can be added continuously. 2 (User ID) #	This operation is executed from outsi  Programming Step  1. Change a PIN  ACCESS CONFIGURATION: CA Add a Card+ PIN User  Programming Step  1. Enter Program Mode  2. Add a User Card by ID number  3. Exit Program Mode  4. Add PIN  Change PIN Allows card user to update the PIN fc operation is executed from outside of  Programming Step  1. Change PIN using a Card OR  1. Change PIN using ID  Delete Card by User ID Deleting by ID number will clear card  Programming Step	Keystroke Combination         * (User ID #) (Old PIN #) (New PIN #) (New PIN #)         RD+PIN         Keystroke Combination         * (Master Code) #         1 (User ID) # (Read Card) #         * (Read Card) (1234#) (New PIN #) (New PIN #)         This operation is executed from outside of Program Mode         Keystroke Combination         * (Read Card) (Old PIN #) (New PIN #) (New PIN #)         * (Read Card) (Old PIN #) (New PIN #) (New PIN #)         * (User ID #) (Old PIN #) (New PIN #) (New PIN #)         * (User ID #) (Old PIN #) (New PIN #) (New PIN #)         s and PINS         Keystroke Combination	There specific i.e. 5 t 1. Ent 2. Add 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
nter their PIN code followed by th tard Only: The User must presen ranted access. tard + PIN: The User must first pr nter their PIN code followed by th trogramming Step . Enter Program Mode . Card or PIN R . Card or PIN R . Card only . Exit Program Mode t Relay Configuration a relay configuration sets the behavior trogramming Step . Enter Program Mode . Pulse Mode DR . Latch Mode	* (Master Code) #         0 ( New Master Code) #         (Repeat New Master Code) #         *         rations for the device must present a valid Card to the device or new fixey, in order to be granted access.         ta valid Card to the device in order to be resent a valid Card to the device and then ne # key, in order to be granted access.         Keystroke Combination         * (Master Code) #         3 0 #         3 1 #         3 2 #         *         waviour of the output relay on activation.         Keystroke Combination         * (Master Code) #         4 (1-99) #         The relay time is 1-99 seconds.         (1 is 50mS.) Default is 5 seconds.         4 0 #         Sets the relay to ON/OFF Latch mode	The strike-out alarm will engage after 5 failed card/PIN attempts. Default is OFF. The strike-out alarm can be set to deny access for 10 minutes after engaging or it can be set disengage only after entering a valid card/PIN or Master code.         Programming Step       Keystroke Combination         1. Enter Program Mode       * (Master Code) #         2. Strike-Out OFF       6 0 # (factory default)         OR       6 1 # Access will be denied for 10 minutes         2. Strike-Out ON       6 1 # Access will be denied for 10 minutes         2. Strike-Out ON       6 2 # The buzzer alarms.         Set alarm time       5 (0 ~ 30) #, Factory default is 1 minute.         3. Exit       *         Programming 2 Program Cards and PINS         Programming will vary depending on the access configuration. Follow the instructions according to your access configuration.         GENERAL PROGRAMMING INFORMATION         > User ID Number. Assign a user ID number to the access code in order to keep track of the users of access cards or PINS. The normal user ID can be any number from 0~989, and the 10 groups of visitoris from 990–999.         IMPORTANT: User IDs do not have to be proceeded with any leading zeros Recording of User ID is critical. Modifications to user data require either the card or the User ID so on tha v4 to be proceeded with any leading zeros Recording of User ID is critical. Modifications to user data require either the card or the User ID se available.         > Proximity Card. 125 KHz industry standard 26 bits EM Proximity Card.       >	(Allows the device to assign Card to next available User ID number)         OR         2. Add Card: Select Specific ID         (Allows manager to define a specific User ID to associate the card to)         3. Exit Program Mode         Delete User Cards         Programming Step         1. Enter Program Mode         2. Delete Card: By card         OR         2. Delete Card: Select Specific ID         3. Exit         Add or Delete a PIN         Programming Step         1. Enter Program Mode         2. Delete Card: Select Specific ID         3. Exit         Add or Delete a PIN         Programming Step         1. Enter Program Mode         2. Add a PIN         Assigns PIN to user ID number OR         Q. Deletes the User ID number and associated PIN	Cards can be added continuously.  1 (User ID) # (Read Card) # The user ID is any number from 0-989.  *  Keystroke Combination * (Master Code) # 2 (Read Card) # Cards can be deleted continuously. 2 (User ID) # The user ID is any number from 0-989.  *  Keystroke Combination * (Master Code) # 1 (User ID) # (PIN) # PINS can be added continuously. 2 (User ID) # PINS can be added continuously. 2 (User ID) # PINS can be added continuously.	This operation is executed from outsi	Keystroke Combination         * (User ID #) (Old PIN #) (New PIN #) (New PIN #)         RD+PIN         Keystroke Combination         * (Master Code) #         1 (User ID) # (Read Card) #         *         * (Read Card) (1234#) (New PIN #) (New PIN #)         This operation is executed from outside of Program Mode         br their card + PIN User ID. This Program Mode.         Keystroke Combination         * (Read Card) (Old PIN #) (New PIN #) (New PIN #)         * (User ID #) (Old PIN #) (New PIN #) (New PIN #)         * (User ID #) (Old PIN #) (New PIN #) (New PIN #)         * (User ID #) (Old PIN #) (New PIN #)         s and PINS	There specific i.e. 5 t 1. Ent 2. Add 0 0 3. Exit 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
. Enter Program Mode . Update Master Code . Exit Program Mode t Access Configuration are are 3 types of access configur ard or PIN (Default): The User must ther their PIN code followed by th ard Only: The User must first pr net ret their PIN code followed by th trogramming Step . Enter Program Mode . Card or PIN R . Card or PIN R . Card only . Exit Program Mode t Relay Configuration retal configuration sets the beh trogramming Step . Enter Program Mode . Enter Program Mode . Card only . Exit Program Mode . Enter Program Mode . Pulse Mode DR	* (Master Code) #         0 (New Master Code) #         (Repeat New Master Code) #         *         rations for the device         must present a valid Card to the device or lew fkey, in order to be granted access.         ta valid Card to the device in order to be granted access.         Keystroke Combination         * (Master Code) #         3 0 #         3 1 #         3 2 #         *         waviour of the output relay on activation.         Keystroke Combination         * (Master Code) #         3 1 #         3 2 #         *         waviour of the output relay on activation.         Keystroke Combination         * (Master Code) #         4 (1-99) #         The relay time is 1-99 seconds.         (1 is 50mS.) Default is 5 seconds.         4 0 #         Sets the relay to ON/OFF Latch	The strike-out alarm will engage after 5 failed card/PIN attempts. Default is OFF. The strike-out alarm can be set to deny access for 10 minutes after engaging or it can be set disengage only after entering a valid card/PIN or Master code.         Programming Step       Keystroke Combination         1. Enter Program Mode       * (Master Code) #         2. Strike-Out OFF       6 0 # (factory default)         OR       6 1 # Access will be denied for 10 minutes         2. Strike-Out ON       6 1 # Access will be denied for 10 minutes         2. Strike-Out ON       6 2 # The buzzer alarms.         Set alarm time       5 (0 ~ 30) #, Factory default is 1 minute.         3. Exit       *         Programming yull vary depending on the access configuration. Follow the instructions according to your access configuration.         GENERAL PROGRAMMING INFORMATION         > User ID Number: Assign a user ID number to the access code in order to keep track of the users of access cards or PINS. The normal user ID can be any number from 0-989, and the 10 groups of visitoris from 990–999.         IMPORTANT: User IDs do not have to be proceeded with any leading zeros Recording of User ID is critical. Modifications to user data require either the card or the User ID can be available.         > Proximity Card: 125 KHz industry standard 26 bits EM Proximity Card.         > Keypade PIN: The PIN can be any 46 digits between 0000-999999 (excep 1234 which is reserved for factory testing).         ACCESS CONFIGURATION: CARD OR PIN & CARD ONLY </td <td>(Allows the device to assign Card to next available User ID number)         OR         2. Add Card: Select Specific ID         (Allows manager to define a specific User ID to associate the card to)         3. Exit Program Mode         Delete User Cards         Programming Step         1. Enter Program Mode         2. Delete Card: By card         OR         2. Delete Card: Select Specific ID         3. Exit         Add or Delete a PIN         Programming Step         1. Enter Program Mode         2. Delete Card: Select Specific ID         3. Exit         Add or Delete a PIN         Programming Step         1. Enter Program Mode         2. Add a PIN         Assigns PIN to user ID number OR         Q. Deletes the User ID number and associated PIN</td> <td>Cards can be added continuously.  1 (User ID) # (Read Card) # The user ID is any number from 0-989.  *  Keystroke Combination * (Master Code) # 2 (Read Card) # Cards can be deleted continuously. 2 (User ID) # The user ID is any number from 0-989.  *  Keystroke Combination * (Master Code) # 1 (User ID) # (PIN) # PINS can be added continuously. 2 (User ID) # PINS can be added continuously. 2 (User ID) # PINS can be added continuously.</td> <td>This operation is executed from outsi  Programming Step  1. Change a PIN  ACCESS CONFIGURATION: CA Add a Card+ PIN User  Programming Step  1. Enter Program Mode  2. Add a User Card by ID number  3. Exit Program Mode  4. Add PIN  Change PIN Allows card user to update the PIN fc operation is executed from outside of Programming Step  1. Change PIN using a Card OR  1. Change PIN using ID  Delete Card by User ID Deleting by ID number will clear card  Programming Step  1. Enter Program Mode</td> <td>Keystroke Combination         * (User ID #) (Old PIN #) (New PIN #) (New PIN #)         RD+PIN</td> <td>There specific i.e. 5 t Progg 1. Ent 2. Add 2. Del 3. Exit Note 3. Exit 1. Pow 2. Pres 3. Ther The Remain retaine Erase 2. Pres 3. Exit All con</td>	(Allows the device to assign Card to next available User ID number)         OR         2. Add Card: Select Specific ID         (Allows manager to define a specific User ID to associate the card to)         3. Exit Program Mode         Delete User Cards         Programming Step         1. Enter Program Mode         2. Delete Card: By card         OR         2. Delete Card: Select Specific ID         3. Exit         Add or Delete a PIN         Programming Step         1. Enter Program Mode         2. Delete Card: Select Specific ID         3. Exit         Add or Delete a PIN         Programming Step         1. Enter Program Mode         2. Add a PIN         Assigns PIN to user ID number OR         Q. Deletes the User ID number and associated PIN	Cards can be added continuously.  1 (User ID) # (Read Card) # The user ID is any number from 0-989.  *  Keystroke Combination * (Master Code) # 2 (Read Card) # Cards can be deleted continuously. 2 (User ID) # The user ID is any number from 0-989.  *  Keystroke Combination * (Master Code) # 1 (User ID) # (PIN) # PINS can be added continuously. 2 (User ID) # PINS can be added continuously. 2 (User ID) # PINS can be added continuously.	This operation is executed from outsi  Programming Step  1. Change a PIN  ACCESS CONFIGURATION: CA Add a Card+ PIN User  Programming Step  1. Enter Program Mode  2. Add a User Card by ID number  3. Exit Program Mode  4. Add PIN  Change PIN Allows card user to update the PIN fc operation is executed from outside of Programming Step  1. Change PIN using a Card OR  1. Change PIN using ID  Delete Card by User ID Deleting by ID number will clear card  Programming Step  1. Enter Program Mode	Keystroke Combination         * (User ID #) (Old PIN #) (New PIN #) (New PIN #)         RD+PIN	There specific i.e. 5 t Progg 1. Ent 2. Add 2. Del 3. Exit Note 3. Exit 1. Pow 2. Pres 3. Ther The Remain retaine Erase 2. Pres 3. Exit All con





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depending on access configuration. Follow the to your access configuration.

# ----- Configure the device

settings according to your application (optional). settings can be changed at one time: enter program settings, then exit program mode.

Code is used to prevent unauthorized access to the vith the device the manager will need a Master Code 6666). We highly recommend immediate update and Code.

-4-

Simplified Instruction				
Function Description	Operation			
Enter the Programming Mode	* (Master Code) # (6666 is the default factory master code)			
Change the Master Code	0 (New Master Code) # (Repeat New Master Code) # (code: 4-6 digits)			
Add Card User	1 (Read Card) #			
Add PIN User	1 (User ID) # (PIN) # The ID number is any number between 0 ~ 989. The PIN is any 4-6 digits between 0000 ~ 999999			
Delete User	2 (Read Card) # 2 (User ID) #			
Exit from the programming mode	*			
How to be granted access.	•			
Card User	Read card			
PIN User	Enter (PIN) #			

#### Sound and Light Indication

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Operation Status	Red LED	Green LED	Sounds
Power on	Bright		Short Single Beep
Stand by	Bright		
Press Keypad	Flashing		Short Single Beep
Enter Master Code Entry Mode	ON		Short Single Beep
In program mode	ON	Single Flash	Short Single Beep
Entered Program Step Successfully	ON	Single Flash	Short Single Beep
Entered Program Step Incorrectly			Short Single Beep
Exit from the programming mode	Bright		3 Short Beeps
Entry Granted		ON	Short Single Beep
Open lock	Green light bright		One beep
Alarm Mode Engaged	Flashing		Alarm
Alarm	Red light Shines quickly		Beeps
Pressing * Toggles Standby / Master Code Entry	ON/Flashing		Short Single Beep

s S Visitor PIN/card available, the users can be mes of usage, after a certain number of times, /card become invalid automatically.

	Keystroke Combination
de	* (Master Code) #
er	8 (0~9 #) (User ID #) (PIN #) PIN is any 4~6 digits number except 1234
ser s	8 (0~9 #) (User ID #) (Read Card #) 2 (User ID #)
Э	*

0~9, 0=10 times ust be any number between 990~999 ust be unique, should be distinguished from card

## ult:

old it and power on eps, release the button, then will have one beep factory default successfully.

ctory default, the user's information is still

er data. e by press: \*(Master Code)#.

# retained.

m /alid Card/PIN to silence

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