

Set Master Code

Programming Step	Keystroke Combination
1. Enter Program Mode	* (Master Code)#
2. Update Master Code	0 (New Master Code) # (Repeat New Master Code) # (code: 6 digits)
3. Exit Program Mode	*

Set Wiegand Input Format

Keystroke Combinatio Programming Step 1. Enter Program Mode * (Master Code) # 2 Wiegand Input Bits 8 (26~37) # (Factory default is 26 bits) 3. Exit Program Mode *

Remark: Sboard-II can work with any Wiegand readers of 26-37 bits, please set the Sboard-II to the right Wiegand format according to your reader

Set PIN Input Format (For Keypad Reader)

Programming Step	Keystroke Combination
1. Enter Program Mode	* (Master Code)#
2. PIN Input bits	8 (4 or 8 or 10) # (Factory default is 4 bits)
3. Exit Program Mode	*

Remark: This step is only for the keypad reader. 4 means 4 bits, 8 means 8 bits (ASCII), 10 means 10 digits virtual number.

Set Relay Configuration The relay configuration sets the behavior of the output relay on activation.		
Programming Step	Keystroke Combination	
1. Enter Program Mode	* (Master Code) #	

2 Pulse Mode	5 1 (1~99) # - Zone 1	Programming Step	K
2.1 0.50 0.000	5 2 (1~99) # - Zone 2	1. Enter Program Mode	In
OR 2. Toggle Mode	The relay time is 1~99 seconds. (1 is 50mS) (Factory default is 5 seconds) 5 1 0 # - Zone 1 5 2 0 # - Zone 2	2. Door Contact OFF OR 2. Door Contact ON	
	Sets the relay to ON/OFF Toggle mode	3. Exit Program Mode	*
3. Exit Program Mode	*		
Programming Step	Keystroke Combination	After 10 failed access attempts in 1	0 minute
Programming Step	Keystroke Combination	After 10 failed access attempts in 1 10 minutes or the alarm will operat	0 minute e for 1 m
1. Enter Program Mode	* (Master Code)#		
2. Card access	6 1 0 #-Zone 1	Programming Step	K
2 Cont : DIN conce	6 2 0 #-201e 2	1. Enter Program Mode	
	C 4 4 # 7 4		*
2. Calu + PIN access	6 1 1 #-Zone 1 6 2 1 #-Zone 2	2. Strike-Out OFF	*
2. Card or PIN access (Factory default)	6 1 1 # -Zone 1 6 2 1 # -Zone 2 6 1 2 # -Zone 1 6 2 2 # -Zone 1 6 2 2 # -Zone 2	2. Strike-Out OFF OR 2. Strike-Out ON	* 7
2. Card or PIN access (Factory default) 2. Multi cards/PINs access	6 1 1 #-Zone 1 6 2 1 #-Zone 2 6 1 2 #-Zone 1 6 2 2 #-Zone 1 6 3 (2-9) #-Zone 1 6 4 (2-9) #-Zone 2	2. Strike-Out OFF OR 2. Strike-Out ON OR 2. Strike-Out ON (Alarm)	* 7 7 7 5
2. Card or PIN access (Factory default) 2. Multi cards/PINs access 3. Exit Program Mode	6 1 1 #-Zone 1 6 2 1 #-Zone 2 6 1 2 #-Zone 1 6 2 2 #-Zone 2 6 3 (2-9) #-Zone 1 6 4 (2-9) #-Zone 2 *	2. Strike-Out OFF OR 2. Strike-Out ON OR 2. Strike-Out ON (Alarm)	

Door Open Too Long (DOTL) warning: When used with an optional magnetic contact or built-in magnetic contact of the lock, if the door is opened normally, but not closed after 1 minute, the inside buzzer will beep automatically to remind people to close the door and continue for 1 minute before switching off automatically.

Door Forced Open warning: When used with an optional magnetic contact or built-in magnetic contact of the lock, if the door is opened by force, or if the door is opened after

60 seconds of the electro-mechanical lock not closed properly, the inside buzzer and alarm output will both operate. The Alarm Output time is 1 minute.

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3. Exit Program Mode

Programming 2 ------GENERAL PROGRAMMING INFORMA

User ID number: Assign a user ID to the acc e commonuser ID number can be anv nu

IMPORTANT: User IDs do not have to be pro of User ID is crical. Modifications to the user r PIN: Can be any 4~6 digits except 8888 whic

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Set Door Detecting

	Keystroke Combination	Add Card User		Add Fingerprint User For example:		Add or Delete User Card by Master Card Using Master Card (Zone 1) to add and delete card users of Zone 1. Master Card		When people are under duress, they can use the Panic Card/PIN situation, the door will open, at the same time, the output alarm of	
	Input (Master Fingerprint / Card)	Programming Step	Keystroke Combination						
	* 7 0 # (Factory default)	1. Enter Program Mode	* (Master Code)#	(1) Add the Fingerprint (A) on F2		(Zone 2) for Zone 2, the method of programming is same.		To delete the Panic User, should o	elete the user of both zones.
	*71#	2. Add Card: Using Auto ID (Allows Shoard-II to assign Card to	1 (Read Card on External Reader) # - Zone 1 2 (Read Card on External Reader) # - Zone 2	(2) Add the same Fingerprint (A) on S	Sboard-II as below:		1. (Read Master Card) 2. (Read User Card)		
*		next available User ID number)	Cards can be added continuously	Programming Step	Keystroke Combination	Add a User Card	Repeat Step 2 for additional user cards		
mpts in 10 minutes either the Sboard-II will deny access for Il operate for 1 minute, depending on the option selected below.		2. Add Card: Select Specific ID (Allows Master to define a specific User ID to associate the Card to)	1 (User ID) # (Read Card on External Reader) # - Zone 1 1. Enter F 2 (User ID) # (Read Card on External Reader) # - Zone 2 2. Add Fin The user ID for Zone 1 is any number from 1 ~ 2000. user ID for Zone 2 is 2001-2100 1. Enter F	1. Enter Program Mode	* (Master Code)#		3. (Read Master Card Again)	Powe	6 (S
				2. Add Fingerprint	1 (User ID) # (Press Fingerprint A on F2) - Zone 1	Delete a User Card	1. (Read Master Card Twice in 3 seconds) 2. (Read User Card) Repeat Step 2 for additional user cards 3. (Read Master Card Again)	Sboa	ard-II
					2 (User ID) # (Press Fingerprint A on F2) - Zone 2			Reader	Door Intect
	Keystroke Combination		1 (Input 8/10 digits Card number) # - Zone 1	3. Exit Program Mode	*				-3
	* (Master Code)#	2. Add Card: by Card Number	2 (Input 8/10 digits Card number)# - Zone 2			Change PIN		Out Authorizing Conde	
	7 4 # (Factory default)	2. Add Card: Block Enrollment (Allows Master to add up to 2 000	9 (User ID number) # (Card quantity) # (The first 8/10, digits card number) #	Delete User Card(s) or PIN(s) or Fingerprint(s)		Orlange Find Set Authorizing Cards Programming Step Keystroke Combination Authorizing Cards are cards cards		et the permissions of ALL user	
	7 5 # (Access will be denied for 10 minutes)	(Access will be denied for 10 minutes) (Alarm time fectory default is 1 minute)	Cards' number must be consecutive; Card quantity = number of card to be enrolled	Programming Step	Kevstroke Combination	Note: Below is done outside program	ming mode, users can undertake this themselves	Read Authorizing Card of Zone 1, the LED of Sboard-II and exter	
m)	7.6.# (Alarm time factory default is 1 minute)			1. Enter Program Mode	* (Master Code) #	1. Change the card associated PIN	* (Read Card) (Old PIN) # (New PIN) #		
111/	Enter Master code # or valid user card/PIN/				to cards when adding card users)	(PIN: 4~6 digits)	1 time, the enrolled users can entry door as normal.		
	Fingerprint to silence 3. Exit Program Mode	3. Exit Program Mode	*	2. Delete User - By User ID	er ID 3 (User ID) # - Zone 1 4 (User ID) # - Zone 2	2 Change the users' PIN	t (ID Number) # (Old BIN) # (New BIN) #	Read Authorizing Card of Zone 2, the LED of Sboard-II blinks	
*				OR 2. Delete User - By Card 3 (Read Card on External Reader) # - Zone 1 4 (Osci la) # - Zone 1 5 (Read Card on External Reader) # - Zone 1 5 (Read Card o		2. Onlange the users if inv	(Repeat New PIN)#	external reader blinks 6 times in green, all users of Zone 2 are u it again, the blue LED blinks 1 time, the enrolled users can entry	
Program Users		Add PIN User				(PIN: 4~6 digits)			
		Programming Step	Keystroke Combination	OR	4 (Read Card on External Reader) # - Zone 2	3. Exit Program Mode	*	Remark: Authorizing Cards canne	ot be used to open door.
	ORMATION	1. Enter Program Mode	* (Master Code)#	2. Delete User - By Card number	3 (Input 8/10 digits Card number) # - Zone 1			Programming Step	Keystroke Combinat
user ID to have access code in order to keep track of the users. er can be any number from 1~2000 (Zone 1)and 2001~2100 not have to be proceeded with any leading zeros. Recording ations to the user require the User ID be available. except 8888 which is reserved.		2. Add PIN User:	1 (User ID) # (Input PIN) # - Zone 1	OR	4(Input 8/10 digits Card number) # - Zone 2	Programming 3Advanced Application		1. Enter Program Mode	* (Master Code) #
		2 (User ID) # (Input PIN) # - Zone 2 The user ID is any number from 1~2000 for Zone 1, 2001-2100 for Zone 2	2. Delete All User	3 (Mater Code) # - Zone 1 Set Panic User 4 (Mater Code) # - Zone 2 Relay 1 connects to electric lock, Relay 2(NO2 & COM2) connects to Alarm or Security office as below figure. Then enroll same Card/PIN/Fingerprint to both Zone 1 and Zone 2		y 2(NO2 & COM2) connects to Alarm or Security e Card/PIN/Fingerprint to both Zone 1 and Zone 2,	2. Read Card	1 2000 # Read Card- 2 2100 # Read Card- (2000 is User ID of	
		(PIN: 4~6 digits) 3. Exit Program Mode *		3. Exit Program Mode *		the enrolled users will be Panic Users. (The method of enrolling user, please refer to page 10 & 11.)			ID of Zone 2, which Authorizing Cards)
								3. Exit Program Mode	*
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The power supply's voltage must be the same with lock's supply voltage, or else, the

light turns into orange, release the Exit Button 1 (or disconnect "OPEN 1" and "GND"), then read master cards or any 2 cards on the external reader, the LED will turn into red means reset to factory default successfully. Of the two cards read, the 1st one is

 The type of the Master Cards is according to the external reader. For example: the external reader is 125KHz HID Reader, then the Master Cards must be 125KHz HID cards. The Master Cards included in the standard packing are EM cards, if your reader is HID reader/Mifare reader, you can set another two HID/Mifare cards as Master

Programming will be vary depending on access configuration. Follow the instructions according to your access configuration.

-----Configure the Sboard-II Please use the Infrared Remote Control to program the Sboard-II. The "IR" on the Sboard-II is the infrared receiving window, please direct the Remote Control to it.

Keystroke Combination
* (Master Code) # (Factory default is 123456)
*
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user (cards, PINs) can be transferred from one (let's name it Master Unit) to another (let's name it Accept Unit). Maximum 10pcs Accepts Units can be



Programming Step	Keystroke Combination		
1. Enter Program Mode	* (Master Code) #		
2. Set transferring	79#		
Within 3 minutes, Green LED shines, that means the users' information has been transferred successfully.			
3 Exit Program Mode	*		