

| Set Master Code                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Step 2                                                         |                                                                                                                                                                                                                                                                                                                                                                        | 1 Enter Program Mode                                                                                         | :: ★ (Master Code) #                                                                                                                                        |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Programming Step                                                                                                                                                                                                                                                                                                                                                                    | Keystroke Combination                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Programming Step                                               | Keystroke Combination                                                                                                                                                                                                                                                                                                                                                  | 2 1 (Press Fingerprin                                                                                        | tA on F1) (Repeat FingerprintA on F1) #                                                                                                                     |  |
| 1. Enter Program Mode                                                                                                                                                                                                                                                                                                                                                               | * (Master Code)#                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Add Card User                                                  |                                                                                                                                                                                                                                                                                                                                                                        | OR (ID auto allocated)                                                                                       | (ID auto allocated)                                                                                                                                         |  |
| 2. Update Master Code                                                                                                                                                                                                                                                                                                                                                               | 0 (New Master Code) # (Repeat New                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1. Enter Program Mode                                          | * (Master Code)#                                                                                                                                                                                                                                                                                                                                                       | 1 (User ID) # (Press                                                                                         | FingerprintA on F1) (Repeat FingerprintA o                                                                                                                  |  |
| 3. Exit Program Mode                                                                                                                                                                                                                                                                                                                                                                | Master Code ) # (code: 6 digits)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2. Add Card: Using Auto ID<br>(Allows Sboard to assign Card to | 1 (Read Card on External Reader) #                                                                                                                                                                                                                                                                                                                                     | 2 F1)# (Select'specifi<br>3 Exit: *                                                                          | cID)                                                                                                                                                        |  |
| Add Users with Remote Control<br>Sboard Connected with Card Read<br>For the readers develop together with<br>step 1; For other card readers, set the<br>to the Wiegand output of the readers.<br>Sboard Connected with Keypad Re<br>Can be any Keypad Reader with 4Bits<br>Set the Sboard as below step 1 accord<br>of the Keypad Reader.<br>PIN(s) can be input/added on either th | Add Users with Remote Control<br>Sboard Connected with Card Reader:<br>For the readers develop together with Sboard, such as S series readers, skip the below<br>step 1; For other card readers, set the Sboard's Wiegand input as below step 1 according<br>to the Wiegand output of the readers.<br>Sboard Connected with Keypad Reader:<br>Can be any Keypad Reader with ABits, 8Bits (ASCII), 10Bits output formart<br>Set the Sboard as below step 1 according to the Wiegand output and PIN output format |                                                                | (User ID) # (Read Card on External eader) #       Add User:         (user ID) # (Read Card on External eader) #       MaderAdd card us         (Input 8/10 digits Card number) #       Add PIN us         (User ID number) # (Card quantity) #       Add PIN us         Tadi's number must be consecutive; ard quantity = number of card to be enrolled       Change P | continuously)<br>Add PIN users<br>Master Add Card – Input PIN –<br>Change PIN<br>Programming Step            | rd – Master Add Card (Cards can be added<br>Master Add Card (PINs can be added continue<br>Keystroke Combination<br>gramming mode, users can undertake this |  |
|                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                | * (Master Code) #                                                                                                                                                                                                                                                                                                                                                      | themselves                                                                                                   |                                                                                                                                                             |  |
|                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                | 1 (Input PIN)#<br>Repeat Step 2 for additional user cards<br>(PIN: 4~6 digits)                                                                                                                                                                                                                                                                                         | 1. Change the card associated PIN<br>(There will auto associate PIN (888<br>to cards when adding card users) |                                                                                                                                                             |  |
| Programming Step                                                                                                                                                                                                                                                                                                                                                                    | Keystroke Combination                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | next available User ID number) 2. Add PIN: Select Specific ID  | 1 (User ID) # (Input PIN) #                                                                                                                                                                                                                                                                                                                                            |                                                                                                              | * (ID Number) # (Old PIN) # (New PIN) #                                                                                                                     |  |
| 1. Enter Program Mode                                                                                                                                                                                                                                                                                                                                                               | * (Master Code) #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | (Allows Master to define a specific                            | The user ID is any number from 0-999                                                                                                                                                                                                                                                                                                                                   | 1. Change the users' PIN                                                                                     | (Repeat New PIN)#<br>(PIN: 4~6 digits)                                                                                                                      |  |
| 2. Wiegand Input bits<br>PIN Input bits                                                                                                                                                                                                                                                                                                                                             | 8 (26~37)# (Factory default is 26bits)                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | User ID to associate the card to)<br>3. Exit                   | (PIN: 4~6 digits)                                                                                                                                                                                                                                                                                                                                                      | 2. Exit                                                                                                      | *                                                                                                                                                           |  |
|                                                                                                                                                                                                                                                                                                                                                                                     | 8 (4 or 8 or 10) # (Factory default is 4bits)                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | J. EXIL                                                        | *                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                              |                                                                                                                                                             |  |
|                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                | Sboard Connected with Fingerprint Reader:<br>For example:<br>Connecte F1 as the fingerprint reader to Sboard, two steps to enroll the valid fingerprint.<br>(1) Add the Fingerprint (A) on F1<br>(2) Add the same Fingerprint(A) on Sboard as below:                                                                                                                   |                                                                                                              | Delete User Card(s) or PIN(s) by Remote Control                                                                                                             |  |
| Remarks: 4 means 4 bits, 8 means 8 b                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                |                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                              | Keystroke Combination                                                                                                                                       |  |
|                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                |                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                              | * (Master Code) #                                                                                                                                           |  |
|                                                                                                                                                                                                                                                                                                                                                                                     | -07-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                | -08-                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                              | -09-                                                                                                                                                        |  |

|                                                                                                          |       | Card 2 (Read Card on External Reader) #<br>Card number 2 (Input 8/10 digits Card number) # |                                                                                                                                                                                                                                                                                                                           | ill exit to standby at Keystroke Cor | ntomatically.                                                                                                                                                                   | Connection Diagram:                                                                                                                                                          |                       |  |
|----------------------------------------------------------------------------------------------------------|-------|--------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|--|
| Exit<br>te Users by Master Delete C                                                                      |       | 2 (Mater Code) #                                                                           | For Multi Cards/PINs access mode, the interval time of pressing cards/inputting PINs can not exceed 5S, or else, the machine will exit to standby automatically.         Programming Step       Keystroke Combination         1. Enter Program Mode       * (Master Code) #         2. Card access       4 0 #         OR |                                      |                                                                                                                                                                                 |                                                                                                                                                                              |                       |  |
|                                                                                                          |       | *                                                                                          | 2. Card + PIN access<br>OR<br>2. Card or PIN access                                                                                                                                                                                                                                                                       | 41#<br>42# (Factory of               | lefault)                                                                                                                                                                        |                                                                                                                                                                              |                       |  |
|                                                                                                          |       | Delete Users by Master Delete Card OR<br>2. Multi cards/PINs access 43 (2~9) #             |                                                                                                                                                                                                                                                                                                                           |                                      |                                                                                                                                                                                 |                                                                                                                                                                              |                       |  |
| e card users<br>ter Delete Card – Read Card –<br>nuously)                                                | N N   | - Read Card - Master Delete Card (Cards can be deleted                                     | 3. Exit                                                                                                                                                                                                                                                                                                                   | *                                    |                                                                                                                                                                                 |                                                                                                                                                                              | GND                   |  |
| e PIN users                                                                                              | D     |                                                                                            | Set Audible and Visual Respons                                                                                                                                                                                                                                                                                            | e                                    |                                                                                                                                                                                 | Remarks:                                                                                                                                                                     |                       |  |
| Master Delete Card – Input PIN – Master Delete Card (PINs can be deleted continuously)                   |       |                                                                                            | Programming Step Keystroke Combination                                                                                                                                                                                                                                                                                    |                                      |                                                                                                                                                                                 | <ul> <li>The Master Units and Accept Units must be Sboard or S1234-X.</li> <li>The Master Code of the Master Unit and the Accept Unit(s) must be set to the same.</li> </ul> |                       |  |
| iuousiy)                                                                                                 |       |                                                                                            | 1. Enter Program Mode                                                                                                                                                                                                                                                                                                     | * (Master Cod                        | e)#                                                                                                                                                                             | <ul> <li>Program the transfer operation on M</li> </ul>                                                                                                                      | faster Unit only.     |  |
| Set Relay Configuration<br>The relay configuration sets the behaviour of the output relay on activation. |       | 2. Control Sounds<br>OR                                                                    | OFF = 7 0 #                                                                                                                                                                                                                                                                                                               | ON = 7 1 #                           | <ul> <li>If the Accept Unit(s) are already with the users enrolled, it will be covered after t</li> <li>For full 1,000 users enrolled, the transfer takes 3 minutes.</li> </ul> |                                                                                                                                                                              |                       |  |
| elay configuration sets the behav                                                                        |       |                                                                                            | 2. Control LED                                                                                                                                                                                                                                                                                                            | OFF = 7 4 #                          | ON = 7 5 #<br>(Factory defaults are ON)                                                                                                                                         | Set Transferring on Master Unit:                                                                                                                                             |                       |  |
| Enter Program Mode                                                                                       |       | -                                                                                          | 3. Exit                                                                                                                                                                                                                                                                                                                   | *                                    |                                                                                                                                                                                 | Programming Step                                                                                                                                                             | Keystroke Combination |  |
| Pulse Mode                                                                                               |       | 3 (1~99)#                                                                                  |                                                                                                                                                                                                                                                                                                                           |                                      |                                                                                                                                                                                 | 1. Enter the programming mode                                                                                                                                                | * (Master Code) #     |  |
| uise mode                                                                                                |       | The relay time is 1~99 seconds. (1 is 50mS)                                                | User Information Transfer                                                                                                                                                                                                                                                                                                 |                                      | 2. Set transferring                                                                                                                                                             | 96#                                                                                                                                                                          |                       |  |
|                                                                                                          |       | (Factory default is 5 seconds)                                                             | The Sboard supports the User Information Transfer function, and the enrolled user<br>(cards, PINs) can be transferred from one (let's name it Master Unit) to another<br>(let's name it Accept Unit). Maximum 10pcs Accepts Units can be transferred once.                                                                |                                      |                                                                                                                                                                                 | Within 3 minutes, Green LED shines, that means the users' information has been transferred successfully.                                                                     |                       |  |
| loggle Mode                                                                                              |       | 3 0 #<br>Sets the relay to ON/OFF Toggle mode                                              |                                                                                                                                                                                                                                                                                                                           |                                      |                                                                                                                                                                                 |                                                                                                                                                                              | Τ                     |  |
|                                                                                                          | ┓┃┝   | *                                                                                          |                                                                                                                                                                                                                                                                                                                           |                                      |                                                                                                                                                                                 | 3. Exit                                                                                                                                                                      | *                     |  |
| Exit                                                                                                     | -   - |                                                                                            |                                                                                                                                                                                                                                                                                                                           |                                      |                                                                                                                                                                                 |                                                                                                                                                                              |                       |  |
| İxit                                                                                                     |       | ,                                                                                          |                                                                                                                                                                                                                                                                                                                           |                                      |                                                                                                                                                                                 |                                                                                                                                                                              |                       |  |
| xit                                                                                                      |       | -10-                                                                                       | - 11 -                                                                                                                                                                                                                                                                                                                    |                                      |                                                                                                                                                                                 |                                                                                                                                                                              | -12-                  |  |
|                                                                                                          |       |                                                                                            |                                                                                                                                                                                                                                                                                                                           |                                      |                                                                                                                                                                                 |                                                                                                                                                                              |                       |  |

user ID number can be any number for 0~999. IMPORTANT: User IDs do not have to be proceeded with any leading zeros. Recording of User ID is crical. Modifications to the user require the User ID be available. • PIN: Can be any 4~6 digits except 8888 which is reserved.

| nter and Exit Program mode |                                                  |  |  |  |  |
|----------------------------|--------------------------------------------------|--|--|--|--|
| Programming Step           | Keystroke Combination                            |  |  |  |  |
| 1. Enter Program Mode      | * (Master Code) #<br>(Factory default is 123456) |  |  |  |  |
| 2. Exit Program Mode       | *                                                |  |  |  |  |
|                            | -06-                                             |  |  |  |  |