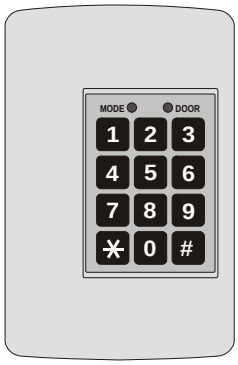
ROSSLARE

Instruction Manual



AC-015

Single Door Access Control Unit

InteliDoor
Smart Access Control

06/04

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Contents

Introduction

The AC-015 is an Access Control unit for controlling Users access into restricted premises. The AC-015 provides a high level of security as the unit is normally placed in a secure location while the Reader/Keypad is remotely located outside the premises to be controlled. Should the Reader/Keypad be attacked, entry cannot be gained as the Reader/Keypad only provides data to the controller, not authorization to release the controlled door.

The AC-015 accepts up to 500 Users via the use of Proximity Cards (provided separately) or PIN codes (Keypad based codes) into the system. Each User is issued a unique Proximity Card or PIN code. Users assigned with one code are considered Normal Users while Users assigned with two codes are considered as Secure or Master Users. Secure and Master Users may gain access in all system's access modes, while Normal Users can not gain access from In Reader/Keypad while the system is in Secure Mode.

The AC-015 supports two Readers/Keypads, in addition to the on-board Keypad. An "In Reader/Keypad" is to be located outside the restricted area, and it is always required. The second one is "Out Reader/Keypad". It is optional, and should be located inside the restricted area. Readers/Keypads need to be Wiegand 26 bits interface type, and may be a Proximity Card Reader (for Prox. codes), Keypad (for PIN type codes) or combined Reader with Keypad.

For more information on Readers and Keypads please refer to Accessories – page 52.

The AC-015 has an option to be connected with a dedicated PC Software program for easier management of Users database or for online monitoring of door access. The system is linked to a PC via RS-232 serial link. The PC receives information from the AC-015, which is displayed and saved to a database.

Codes entries and their consequences are visible in Online Mode of the PC Software. Employees' menu is used to describe, enter and associate Users Code numbers with users name and details.

Programming menu in PC Software is used to define door details, working days and holiday definitions. Reports menu specifies which kind of report to build. Options menu is used for communication setup, language setup, operator's password and database status. For more details on AC-015 PC Software, refer to the AC-015 Monitor Program Manual.

Topics in this section:

Key Features

- RS-232 PC Interface
- Multi-language PC software
- Realtime System Monitoring
- Supports up to 500 Users
- Three User levels - Normal User, Secure User and Master User
- Three Modes of Operation - Normal Mode, Bypass Mode and Secure Mode
- Facility Code support for Proximity cards
- Supports two 26-Bit Wiegand compatible Readers/Keypads
- Lock Strike Relay Output
- Tamper Relay Output
- Request to Exit (REX) button
- Two Status / Programming BiColor LED's
- Built-in Programming Keypad
- Battery Charger
- Built-in Case Tamper
- Built-in Lock Strike suppressor diode
- Built-in Reader and Lock Strike Power Supply
- Internal Siren, Bell, & Chime annunciator
- Programmable Siren time
- Comes with security screw and security tool
- Mounting template supplied for easier installation

Technical Specifications

Electrical Characteristics

Main Unit

Operating Voltage:	16V AC (1.5A, 25VA)
	From a transformer
Maximum Input Current:	(Not including attached devices)
	Standby: 65mA
	Maximum: 120mA
Battery Charger:	12V DC Lead Acid Battery
	Up to 7AH recommended

Outputs

Lock Strike Relay Output:	5A Relay
Lock Strike Power Supply:	12V DC constant voltage
	1.2 A current limit
	N.O. or N.C. option
Tamper Relay Output	1A Relay N.C. Dry Contact
Reader Power Supply:	Voltage: 12V DC
	Max Current: 300mA

Inputs

Release to Exit (REX):	N.O. Dry Contact
Two Reader Inputs:	26-Bit Wiegand Compatible

Indicators & Annunciators

Visual:	Two Tri-Colored LEDs
Audio:	Built in Sounder (Bell, Chime & Siren) and Piezoelectric Buzzer

Environmental Characteristics

Operating Temperature:	-25°F to 145°F (-31°C to 63°C)
Operating Humidity:	0 to 95% (Non-Condensing)

Mechanical Characteristics

Dimensions:	5.3” (134mm) L x 3.4” (85mm) W x 1.2” (30mm) D (Fits US Gang Box)
Weight:	0.5 lbs (220g)

Installation

The AC-015 has been designed for easy installation. Only a few steps are required to install the controller.

In this section you will learn how to mount the controller in your desired location. You will learn how to wire the controller to its power source, which includes attaching the controller to a rechargeable Lead Acid battery.

Wiring diagrams are also provided for attaching the controller to the REX button, and External 26-Bit Wiegand Compatible Readers/Keypads. Also covered in this section is how to wire the AC-015 to a PC.

Topics in this section:

Mounting the Controller

1) Before starting, select the location for mounting the AC-015 controller. The controller should be installed indoors and within the premises to be secured. It is recommended that the controller be installed where it cannot be seen for increased security, but still close enough to the doors so that the controller's annunciator (Door Bell, Chime & Siren) can be heard. When selecting a location, take into consideration how the controller will be attached to a PC for easier programming and system maintenance.

2) Find the mounting template label that is provided in your AC-015 packaging, and place it at the location that you wish to install the controller. The template is designed to assist you through the mounting procedure, showing you where you drill holes in the wall to pass the wiring through and where the wall must be drilled to insert the controllers mounting screws.

3) Skip this step when attaching the AC-015 to a US Gang Box.

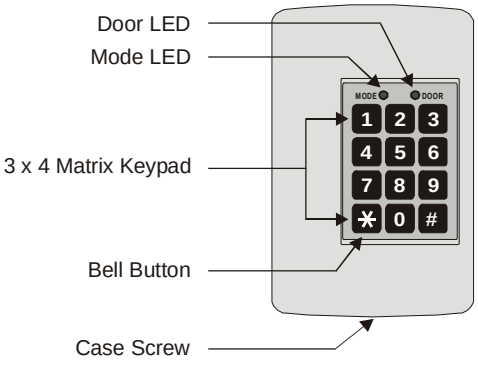
   Drill a hole for cables as indicated on the wiring template. Two hole sizes are shown to allow for the amount of cables needed, depending on installation requirements or adding a backup battery. Drill two screw holes for mounting the AC-015 to the wall.

4) Remove the case screw from the controller (see diagram below to locate the case screw) and remove the front case from the controller.

5) Mount the controller to the wall using the two screws provided in the Installation Kit or use the screws provided with your US Gang Box when mounting to a US Gang Box.

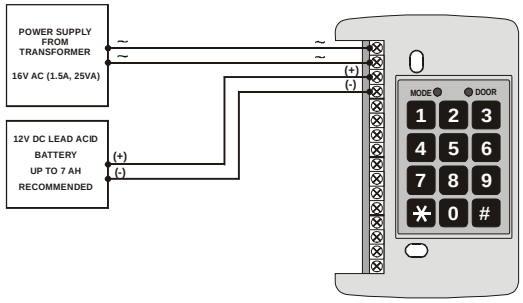
6) Wire the controller according to the diagrams on the next few pages.

7) Return and secure the front case using the security screw and security tool provided in the Installation Kit.

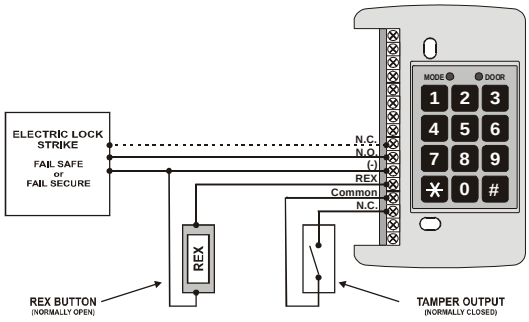


You now have mechanically installed the controller.

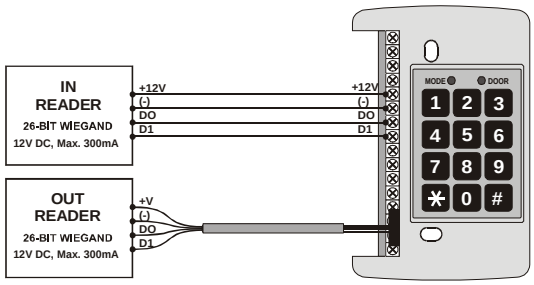
Power Wiring



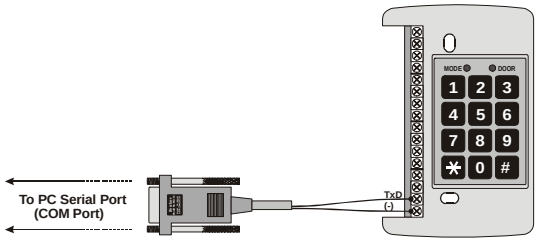
Typical Lock and Option Wiring



Reader/Keypad Wiring



Connecting a Controller to a PC



Features and Concepts

Now that you have installed your AC-015 controller, it is time to become familiar with its features and concepts.

In this section you will learn about all the features that are programmable. They are the basic features of the AC-015 and can be programmed directly from the controller's programming keypad. You will learn about the controller's various User levels, modes of operation, how to switch between the Modes of Operation, System Codes, Events and Event Actions.

Topics in this section:

User Levels

The AC-015 accepts up to 500 users and provides entry via the use of Proximity Cards and/or PIN Codes. Each User is has two reserved memory slots for holding one or two codes, Primary Code in one memory slot and Secondary code in second memory slot. A Primary and Secondary Codes can be programmed as either Proximity Card or as a PIN Code.

There are three User Levels:

1) Normal User

A Normal User has only a Primary Code and is only granted access through In Reader/Keypad when the AC-015 is in Normal or Bypass Modes. Exiting through Out Reader/Keypad or controllers Keypad is possible in all access modes.

2) Secure User

A Secure User must have a Primary & Secondary codes programmed, and the two codes must not be identical. The Secure User can gain access when the AC-015 is in any of the three access modes. In Normal and Bypass Modes the Secure User needs to present their Primary Code only. In Secured Mode the Secure User must present their Primary Code immediately followed by their Secondary Code in order to gain access. When exiting the premisses

through Out Reader/Keypad or controllers keypad, only Primary Code is required.

Typically, a Secured User will have a Proximity card programmed as his Primary Code, and a PIN code programmed as his Secondary Code. Than in Normal or Bypass Modes, he will need to present only the Proximity Card to gain entry, and in Secured Mode he will have to present his Proximity card, and than within 10 seconds enter his PIN code in order to enter the restricted area. For such an implementatiom the Out Reader must be a combined Reader and Keypad (For more information please refer to *Accessories* – page 52).

3) Master User

A Master User must have both Primary & Secondary Codes programmed with the same code, Proximity Card or PIN Code. The Master User can gain access during any Mode of operation by simply presenting its code once.

The Master User is conveniant but less secure than Secured User. It is mainly intended for Security personals who needs quick access to many areas.

Modes of Operation

The AC-015 has three modes of operation:

Normal Mode

- MODE LED is green

This is the default mode. In Normal Mode the door is locked until a valid code from any User is presented to the controller. In case of Secure or Master Users which has two codes, they need to present their Primary Code only. System Codes Open Code will also unlock the door.

Bypass Mode

- The MODE LED is orange

In Bypass Mode, access to the premisses is dependent on whether the controller's Lock Strike Relay is programmed to Fail Safe or Fail Secure operation.

When Lock Strike Relay is programmed to Fail Secure operation, the door is locked until "*" key (the Door Bell button) is pressed. Also, door is unlocked by any valid Users in a similar way to Normal Mode.

When Lock Strike Relay is programmed to Fail Safe operation, the door is constantly unlocked.

System Codes Open Code will also unlock the door.

Secure Mode

- The MODE LED is red 

Only Secure and Master Users can enter the premisses in Secure Mode. Exiting the premisses through Out Reader/Keypad or controllers keypad is possible to all Users or by using System Code Open Code.

A Secure User must enter their Primary and Secondary Codes to gain entry. After entering their Primary Code the DOOR LED will flash green for 10 seconds, during which the Secondary Code must be entered.

A Master User only needs to present his code once to gain entry.

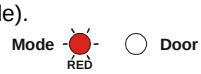
Changing the Modes of Operation

Changing from Normal Mode to Secure Mode

1) The controller is in Normal Mode
   - The MODE LED is Green

2) Enter your 4-digit Normal/Secure Code (3838 is the initial Normal/Secure Code).

The MODE LED will flash red



1) Press the "#" key
   - The MODE LED will turn Red

   - You are now in Secure Mode

Changing from Secure Mode to Normal Mode

1) The controller is in Secure Mode
   - The MODE LED is Red

2) Enter your 4-digit Normal/Secure Code (3838 is the initial Normal/Secure Code).
   - The MODE LED will flash Green

3) Press the "#" key
   - The MODE LED will turn green

- You are now in Normal Mode

Changing from Normal Mode to Bypass Mode

1) The controller is in Normal Mode
   - The MODE LED is Green

2) Enter your 4-digit Normal / Bypass Code
   - The MODE LED will flash Orange

3) Press the "#" key
   - The MODE LED will turn Orange

   - You are now in Bypass Mode

Changing from Bypass Mode to Normal Mode

1) The controller is in Bypass Mode
   - The MODE LED is Orange

2) Enter your 4-digit Normal/ Bypass Code
   - The MODE LED will flash Green

3) Press the "#" key
   - The MODE LED will turn Green

   - You are now in Normal Mode

Tamper Conditions

Tamper Condition

A tamper condition will cause AC-015 tamper output to open and siren sound to generate if siren is enabled. A tamper event may occur due to several reasons:

- AC-015 cover is removed or broken.
- A Reader or Keypad wire is disconnected from the AC-015 reader input terminal.
- A tamper data signal is received from In Reader/Keypad or Out Reader/Keypad (not supported by all readers).

Clearing Tamper Condition

Clearing tamper condition is done by entering a valid code which unlocks door output. Such code may be any User Code or the system Open Code. When Tamper event is cleared, Tamper output is cleared and siren, if active, will be shut off.

Request to Exit (REX) Button

The REX button must be located inside the premises to be secured and is used to open the door without the use of a Proximity Card or PIN Code. It is usually located in a convenient location, e.g. inside the door or at a receptionist's desk. The function of the REX button depends on whether the Lock Strike Relay is programmed for Fail Safe Operation or Fail Secure Operation.

Fail Secure Operation:

From the moment the REX button is pressed, the door will be unlocked until the "Lock Strike Release Time" has passed. After this time, the door will be locked even if the REX button has not been released.

Fail Safe Operation:

From the moment the REX button is pressed, the door will be unlocked until the REX button is released, plus the "Lock Strike Release Time". In this case the "Lock Strike Relay" only begins its count down once the REX button has been released. Door opening due to REX button will not generate chime sound.

Programming Instructions

After reading *Features and Concepts* – page 18, you should already have an understanding of the AC-015's features.

Most of these features can be programmed via the AC-015's programming keypad. The following pages describe how to program the AC-015 using the programming keypad.

Topics in this section:

Programming Menu Quick Reference Guide

Menu	Programming Function	Factory Setting	Page
1	Changing Open Code	2580	31
3	Changing Programming Code	1234	33
4	Changing Normal/Secure Code	3838	35
5	Changing Normal/Bypass Code	-	37
6	Changing Door Release Time	4 Sec.	39
6	Choosing Fail Secure/Fail Safe Operation	Fail Secure	40
7	Enrolling User Codes	-	41
8	Deleting User Codes	-	45
00	Returning to Default Factory Setting	-	47
01	Changing Facility Code	000	47

Entering Programming Mode

To begin programming the controller's settings, the AC-015 must first place into Programming Mode. You may only enter Programming mode from Normal Mode. Programming is performed using the controller's Keypad and Readers/Keypads when necessary.

1) Press the "#" key for 2 seconds
   - The DOOR LED will turn Red

2) Enter the Programming Code. The factory default Programming Code is 1234.
   - The DOOR LED will turn Green

Controller is now in Programming Mode, proceed by entering desired Programming Menu number.

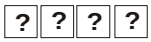
Exiting Programming Mode

1) To exit Programming Mode at any time: Press the “#” key for 2 seconds. You will hear 3 beeps and the controller will return to Normal Operating Mode.
2) Wrong entries may reset the controller back to Normal Mode.
3) While in Programming Mode if no key is pressed for 30 seconds the AC-015 will generate a long beep and return to Normal Mode.
4) A short press on the “#” key may also return the controller to Normal Mode, accompanied by a long beep.

Changing Open Code

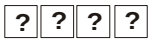
1) Press the "#" key for 2 seconds
   - You will hear a short beep
   - The MODE LED will turn Off
   - The DOOR LED will turn Red

2) Enter the 4-digit Programming Code for confirmation. (Default code is 1234.)
   - The DOOR LED will turn Green
   - The MODE LED will remain Off



3) Press 1
   - The DOOR LED will remain Green
   - The MODE LED will turn Red

4) Enter the new 4-digit code you wish to set as Open Code.
   - You will hear 3 beeps
   - The system will return to NORMAL mode



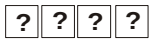
Notes:

- Default Open Code is 2580.
- Code 0000 will erase Open Code.
- Open Code will not function in Secured Mode if applied on In Reader/Keypad.
- If default Open Code exists(2580), it will be erased on programming User Codes (programming menu 7).
- Open Code is intended for initial installation testings and should be erased from the system (unless already erased automaticly on User Codes entry).

Changing the Programming Code

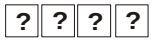
1) Press the "#" key for 2 seconds
   - You will hear a short beep
   - The MODE LED will turn Off
   - The DOOR LED will turn Red

2) Enter the 4-digit Programming Code for confirmation. (Default code is 1234.)
   - The DOOR LED will turn Green
   - The MODE LED will remain Off



3) Press 3
   - The DOOR LED will remain Green
   - The MODE LED will turn Green

4) Enter the new 4-digit code you wish to set as the new Programming Code
   - You will hear 3 beeps
   - The system will return to Normal mode



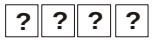
Notes:

- Programming Code cannot be erased. Programming code 0000 is not valid and will not erase the programming code.

Changing the Normal / Secure Code

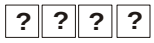
1) Press the "#" key for 2 seconds
   - You will hear a short beep
   - The MODE LED will turn Off
   - The DOOR LED will turn Red

2) Enter the 4-digit Programming Code for confirmation. (Default code is 1234.)
   - The DOOR LED will turn Green
   - The MODE LED will turn Off



3) Press 4
   - The DOOR LED will remain Green
   - The MODE LED will flash Red

4) Enter the new 4-digit code you wish to set as the new Normal/ Secure change code.
   - You will hear 3 beeps
   - The system will return to Normal mode



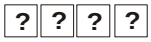
Notes:

- The default Secure Mode Code is 3838.
- Code 0000 will erase Secure Mode Code.

Changing the Normal / Bypass Code and Door Chime Settings

1) Press the "#" key for 2 seconds
   - You will hear a short beep
   - The MODE LED will turn Off
   - The DOOR LED will turn Red

2) Enter the 4-digit Programming Code for confirmation. (Default code is 1234.)
   - The DOOR LED will turn Green
   - The MODE LED will remain Off



3) Press 5
   - The DOOR LED will remain Ggreen
   - The MODE LED will flash Orange

Notes:

- The Normal / Bypass Code also controls the Chime function for the AC-015. You may set the code to 4 available options.
- No default Bypass code exists.

- Chime generated on valid User Codes

Option 1: Disabling Bypass Mode - Disabling the Chime

Enter 0000. The Bypass Mode and the Chime function are disabled.
You will hear 3 beeps
The system will return to Normal mode

Option 2: Disabling Bypass Mode - Enabling the Chime

Enter 0001. The Bypass Mode is disabled and the Chime function is enabled for Normal mode.
You will hear 3 beeps
The system will return to Normal mode

Option 3: Enabling Bypass Mode - Disabling the Chime

Enter a 4-digit code ending with the digit 0. The Bypass mode is enabled and the Chime function is disabled.
You will hear 3 beeps
The system will return to Normal mode

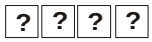
Option 4: Enabling Bypass Mode - Enabling the Chime

Enter a 4-digit code ending with any digit except 0. The Bypass mode and the Chime function are enabled for both Normal mode and Bypass mode.
You will hear 3 beeps
The system will return to Normal mode

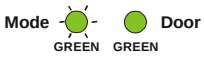
Changing the Door Release Time

1) Press the "#" key for 2 seconds
   - You will hear a short beep
   - The MODE LED will turn Off
   - The DOOR LED will remain Red

2) Enter the 4-digit Programming Code for confirmation. (Default code is 1234.)
   - The DOOR LED will turn Green
   - The MODE LED will remain Off



3) Press 6
   - The DOOR LED will remain Green
   - The MODE LED will flash Green



4) Construct the 4-digit code using the instructions below:

   First Digit - Signifies whether the unit is being used for fail secure (factory default setting) or fail safe operation.

Second Digit - Signifies the maximum time In minutes the siren activates on tamper.

Third and Forth Digits - Signifies the time the door release will be activated (from 01 to 99 seconds).

For Fail Secure Operation:
Enter 0 for the first digit

For Fail Safe Operation:
Enter 1 for the first digit

For Siren by Tamper Alarm:
Enter 1-9 as the second digit to set the siren time from a minute to 9 minutes.
Enter 0 as the second digit to set no siren.

For Door Release Time:
Enter the number of seconds you wish the door release to remain activated.

Example:
Entering 0512 means fail secure with a 5-minute siren sound time and a 12 second door release.

- You will hear 3 beeps.
- The system will return to Normal mode.

Notes:

- Default door open time is 4 seconds.

Enrolling Primary & Secondary Codes

Primary Codes:

- Primary Codes can only be enrolled to an empty User slot, i.e a slot where there is no existing Primary or Secondary Code.
- Primary Codes must be unique, i.e one User's Primary Code can not be the same as another User's Primary Code.
- Primary Codes can not be same as any system code, such as Normal/Secure Code.
- User who holds only a Primary Code, i.e Normal User, can not gain entry at In Reader/Keypad during Secure Mode.

Secondary Codes:

- Secondary Codes can only be enrolled to Users that already has a Primary Code enrolled but no Secondary Code.
- Secondary Codes do not have to be unique, i.e multiple users can all hold the same Secondary Code.
- Secondary Codes can not be the same as any System Code such as Normal/Secure Code or Open Code.
- Users who holds Secondary Code, i.e Secured Users and Master Users can gain entry in any mode of operation from ant Reader/Keypad.

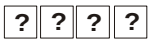
Enrolling Primary and Secondary Codes:

1) Press the "#" key for 2 seconds

- You will hear a short beep

- The MODE LED will turn Off
- The DOOR LED will turn Red

2) Enter the 4-digit Programming Code for confirmation. (Default code is 1234.)



- The DOOR LED will turn Green
- The MODE LED will remain Off

3) Press 7

- The MODE LED will turn Green
- The DOOR LED will turn Orange

4) Enter the 3-digit slot code you wish to assign to the User (for example, 003 represents slot “3”).

a. If the selected slot empty

- The DOOR LED will remain Orange
- The MODE LED will

flash Green

b. If the selected slot has already Primary Code

- The DOOR LED will remain Orange
- The MODE LED will flash Red

5) Present a Proximity Card or enter the 4 digit PIN code that you want to assign as Primary or Secondary Code for this User.

a. If the selected slot was empty, it has now Primary Code

b. If the selected slot had already Primary Code, it has now Primary and Secondary Codes

- The DOOR LED will remain Orange
- The MODE LED will turn Green

6) If the code entered was valid, MODE LED stops flashing and turns steady green. User now may have Primary Code only or both Primary and Secondary Codes. Now the controller returns to step (4), ready for the next 3 digit slot number that you want to assign with codes.

7) When finished enrolling codes for the Users, press the “#” key for two seconds.

- You will hear three beeps
- The AC-015 will return to Normal mode

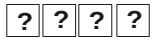
Notes:

- If a User at selected slot number already has both Primary and Secondary Codes, a long beep is generated and and the controller returns to step (4), ready for the next 3 digit slot number.
- If code entered is not valid, a long beep is generated and controller remains in current programming stage waiting for new code entry.
- Adding a User Code for the first time may delete the system code Open Code. See Menu 1 programming for more details.

Deleting User Codes

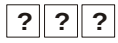
1) Press the "#" key for 2 seconds
   - You will hear a short beep
   - The MODE LED will turn Off
   - The DOOR LED will turn Red

2) Enter the 4-digit Programming Code for confirmation. (Default code is 1234.)
   - The DOOR LED will turn Green
   - The MODE LED will remain Off

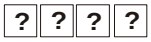


3) Press 8
   - The MODE LED will turn Red
   - The DOOR LED will turn Orange

4) Enter the 3-digit slot code you wish to delete from the system
   - The MODE LED will flash Red



5) Enter the 4-digit Programming Code again (this last step confirms that you intentionally want to delete a User from the system).



- You will hear 3 beeps
- The system will return to Normal mode
- If additional Users Codes need to be deleted, then repeat steps 1-5.

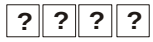
Notes:

- Ensure that your record of Users and their assigned slot numbers are stored in a secure location. Then, if you wish to delete a lost or forgotten codes from the system, you can identify the slot number from your records and delete it.

Return to Factory Default Settings and Facility Code

1) Press the "#" key for 2 seconds
   - You will hear a short beep
   - The MODE LED will turn Off
   - The DOOR LED will turn Red

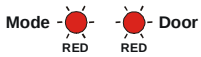
2) Enter the 4-digit Programming Code for confirmation. (Default code is 1234.)
   - The DOOR LED will turn Green
   - The MODE LED will remain Off



3) Press 0
   - The DOOR LED will flash Red
   - The MODE LED will remain Off

For Return to Factory Programming:

4) Press 0 again
   - The DOOR LED will continue flashing Red
   - The MODE LED will



flash Red

5) Enter the 4-digit Programming Code. (This last step confirms that you intentionally want to delete all your initial settings and Users from the system!)

? ? ? ?

- You will hear 3 beeps
- The system will return to Normal mode

Notes:

- before using this command. Doing so will erase all of the Users Codes from the memory and all of the System codes will return to their default values. All preprogrammed cards, PIN codes and System codes will have to be preprogrammed from the beginning.

For Facility Code Programming:

4) Press 1.

- The DOOR LED will continue flashing Red
- The MODE LED will flash Green

5) Enter the 3-digit Facility Code (must be between

? ? ?

0-255).

- The MODE LED will turn Green
- The DOOR LED will continue flashing Red
- If the wrong code is entered the system will exit programming.

6) Enter the 4-digit Programming Code. (This last step confirms that you intentionally want to delete current Facility Code)

?	?	?	?

- You will hear 3 beeps
- The system will return to Normal mode

Notes:

- Facilty Code 000 means that any Proximity card can be learned, with any Facility Code.
- It is recommended to program Facility Code once before programming any User Codes. Changing Facility Code after codes are programmed will cause previous codes with different Facility Code to disappear while still occupying the code slot number.
- If Facility Code is not 000, programming any Proximity Card with another Facility Code is prohibited, however, PIN codes are not affected.

Replacing a Lost Programming Code

In the event that your Programming Code is lost, complete the following procedure to enter Programming Mode so that you may create a new Programming Code.

The AC-015 must be in Normal Mode otherwise this will not work.

Make sure that the MODE LED is Green before proceeding.

1) Disconnect power from the AC-015
2) Press the REX button
3) Reconnect power to the unit with the REX button pressed
4) Release the REX button

You now have 20 seconds to program a new Programming Code into the controller using the initial default code, 1234, before the controller reverts to the existing code.

Replacing a Lost Normal / Secure Code

In the event that your Normal / Secure Code is lost and you are locked in Secure Mode, complete the following procedure to re-enter Normal Mode so that you may program a new Normal / Secure Code.

The AC-015 must be in Secure Mode otherwise this will not work.

Make sure that the MODE LED is Red before proceeding.

1) Disconnect power from the AC-015
2) Press the REX button
3) Reconnect power to the unit with the REX button pressed
4) Release the REX button

You now have 20 seconds to enter the default Secure Code, 3838, to return the system to Normal mode.

Wiegand 26 Integrated Door Controllers

AY-X09 Series PIN Readers

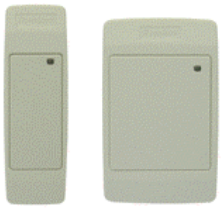
AY-C09 / AY-D09

- For indoor use
- Slim Stylish Design (Mullion)
- Includes LED Indicator
- Audible Buzzer Indicator
- Built in Tamper (w/ Rosslare Controllers)
- Includes Bell Button (w/ Rosslare Controllers)

AY-X11 Series Prox Readers w/ Bell

AY-C11 / AY-D11

Reading Distance: 8 to 10cm
RF Modulation: ASK at 125 kHz
For indoor use
Slim Stylish Design (USA Gang Box)
Bi-Color Light Indicator
Audible Buzzer Indicator
Built in Tamper (w/ Rosslare Controllers)
Includes Bell Button (w/ Rosslare Controllers)



AY-X12 Series Prox Readers

AY-C11 / AY-D11

Reading Distance: 8 to 10cm
RF Modulation: ASK at 125 kHz
For indoor use
Slim Stylish Design (USA Gang Box)
Bi-Color Light Indicator
Audible Buzzer Indicator (w/ Rosslare Controllers)
Built in Tamper (w/ Rosslare Controllers)

AY-X12 Series Prox Readers

AY-H12 / AY-J12 / AY-K12 / AY-L12 / AY-M12

Reading Distance: 7 to 12cm
RF Modulation: ASK at 125 kHz
For outdoor use
Slim Stylish Design (UK or USA Gang Box, Mullion)
Bi-Color Light Indicator
Includes LED Control Input
Audible Buzzer Indicator
Built in Tamper Output

AY-X19 Series Pin & Prox Readers

AY-C19 / AY-D19

Reading Distance: 8 to 10cm
RF Modulation: ASK at 125 kHz
For indoor use
Slim Stylish Design (USA Gang Box)
Bi-Color Light Indicator
Audible Buzzer Indicator
Built in Tamper (w/ Rosslare Controllers)
Includes Bell Button (w/ Rossalare Controllers)

AY-L23 RF Reader

AY-L23

Read Range: 70 meters (200 feet)
For Outdoor Use (Water Proof)
Frequency: 433MHz
Slim Stylish Design (Mullion)
Bi-Color LED Indicator
LED Control
Audible Buzzer Indicator
Size: 145mm x 43mm x 20mm
Used with SA-26 Wireless Remote

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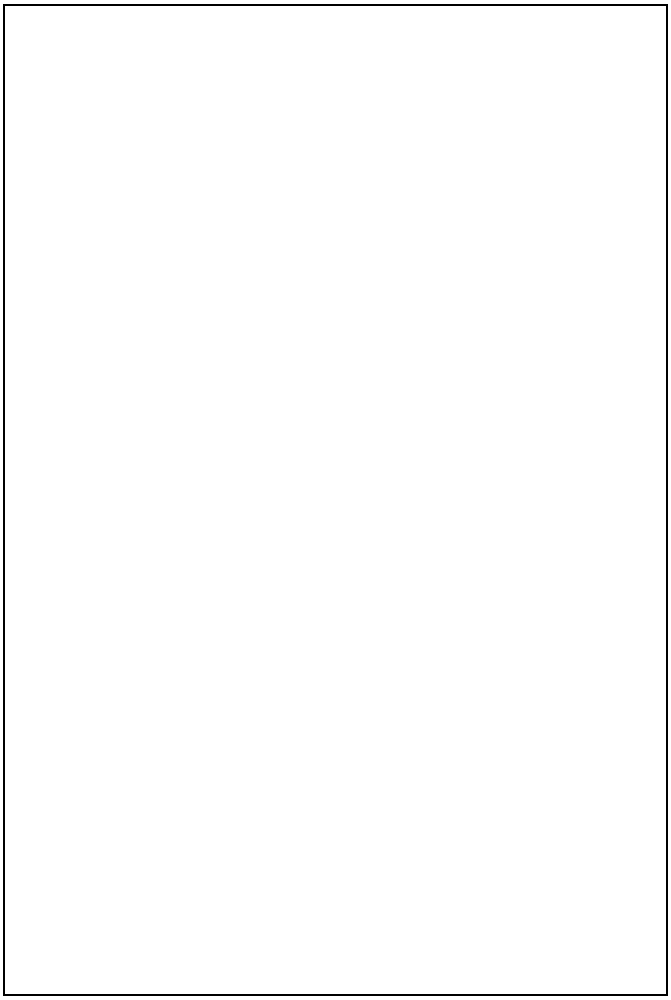

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