



ACC-900 Quick Guide

There are two ways to enter the programming mode

1. Press + +

(all new units are preprogrammed with the master code 123456) or

2. Flash master card and then press within 2 seconds.

The LED will flash green rapidly to show that the unit is in the programming mode. The unit will time out and return to the reading mode in 30 seconds if no key is pressed.

The master code factory default for readers is 123456

To exit programming mode

1. Press -- exit the programming mode and return to the reading mode. or

2. Press -- exit the programming mode, set controller to arming state and return to the reading mode.

To Change your Master Code

Step1: Press and current master code

Step2: Enter

Re-type New Master Code-654321

A green light and beep means that the master code was changed. Note that 123456 is the default master code; use another number for best security.

Step3: Press

Set the door relay release time

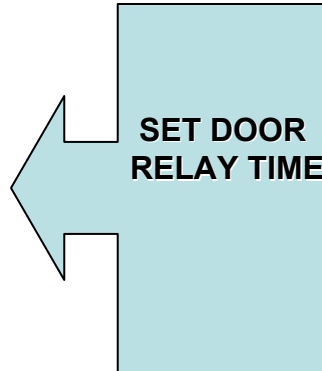
Step1: Press your master code then

Step2: Enter

7 Seconds

TTT = 000: Latch (Toggle) / TTT = 001 ~ 600 (0.01 ~ 6.00) seconds / TTT = 601 ~ 609 (0.1 ~ 0.9) second. A green light and beep means that the door relay release time was changed.

Step3: Press



Add one (Card / Key Tag) to the system

Step1: Press your master code then

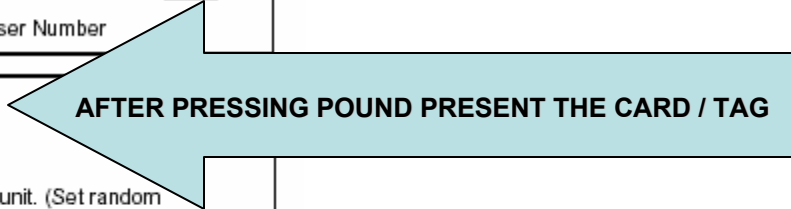
Step2: Enter

User Number

Quantity

Present the card / tag near the unit. (Set random card / tag one by one). A green light and beep means that the card / tag was accepted.

Step3: Press



Add a series of (Card / Key Tag) to the system

Step1: Press enter master code then

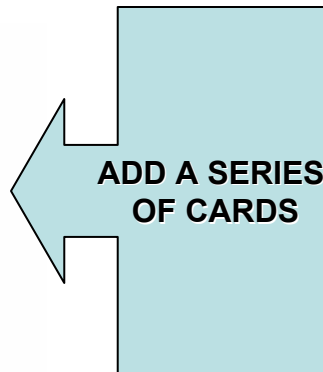
Step2: Enter

User Number

Quantity

Present the lowest card code of card / tag to the unit in the desired order (set sequential card once and make a careful record of which cards / tags are assigned to which user numbers).

Step3: Press



Add a User Code to the system

Step1: Press enter master code then

Step2: Enter

User Number

User Code

User number 00001 can access the door by either flashing card or entering the user number 00001, then entering 2081#.

OR Enter

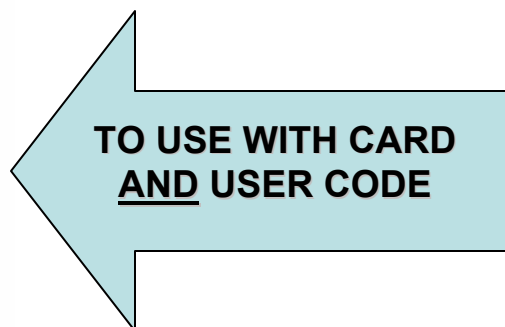
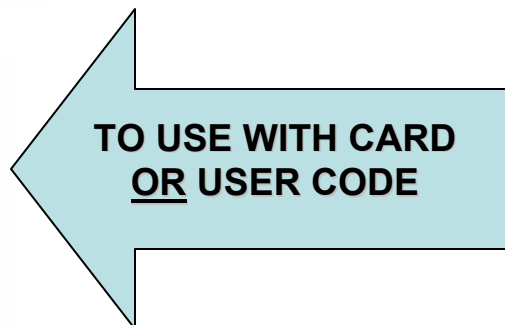
User Number

User Code

User number 00001 can access the door by using flashing card and entering 2081#.

Note: A user code must be 4 digits. If the user code has leading zeros, they must be entered as this example show "0008".

Step3: Press



Delete a Card / Tag / User Code from the system

Step1: Press enter master code then

Step2: Enter

Starting User Number 1

Ending User Number 1

A green light and beep means that the card / tag / user code was deleted.

Step3: Press

Delete a range of Card / Tag / User Codes from the system

Step1: Press enter master code then

Step2: Enter

Starting User Number 1

Ending User Number 10

A green light and beep means that the range of card / tag / user codes were deleted.

Step3: Press

Delete all Cards / Tags / Users

Step1: Press enter master code then

Step2: Enter

The LED will flash red for 10 seconds to mean that the system is deleting all cards / tags / user codes. Then a green light and beep means that all cards / tags / user codes were deleted.

Step3: Press

Enable a Card / Tag to the system

Step1: Press enter master code then

Step2: Enter

Starting User Number 1

Ending User Number 1

A green light and beep means that the card / tag is enabled.

Step3: Press

Enable a range of cards / tags to the system

Step1: Press enter master code then

Step2: Enter

Starting User Number 1

Ending User Number 10

A green light and beep means that the range of transponders are enabled.

Step3: Press

12. Special Design

12.1 How to set anti-pass-back?

Card and on-line reader (or standalone controller) must be both set to anti-pass-back.

- Select card to have anti-pass back checking

Step1: Press enter master code then

(all new units are preprogrammed with the master code 123456)

Step2: Enter

SSSSS: Starting User Number

EEEE: Ending User Number

X: 1 - disable anti-pass-back

0 - enable anti-pass-back

2 - Initiating use (when user number violates anti-pass-back, the user number can access either entry door or exit door by initiating setting)

Step3: Press

For example:

If enter 26~00005~00008~1#, user number from 5 ~ 8 do not have anti-pass-back feature.

Function Default Value

Before installing, complete the Parameters setting by calculating each controller value according to their designated functions.

[Command 20] is used to enter [Designated Functions Setting Table] value. The default factory setting value is 016.

Designated Functions Setting Table					
Functions	Optional		Bit	Value	Remark
	0:YES	1:NO			
Recording every entry/exit on Time Attendance Report *	0:YES	1:NO	0	001	network
Auto Re-Lock	0:disable *	1:enable	1	002	
Auto Open/Auto Disarming	0:disable*	1:enable	2	004	network
Door Exit Release (Push Button)	0:disable	1:enable*	4	016	
Master Reader /Network	0:minor*	1:major	5	032	network
Entry / Exit door	0:exit door*	1:entry door	6	064	
Anti-pass-back door	0:disable *	1:enable	7	128	

Listed above with [*] markings are the factory setting. Multiply the optional functions number [1] by its value and add them up.

Note that ACC-900 has no Anti-pass-back door function.

Designated Functions Setting Table					
Functions	Optional		Bit	Value	Remark
	0:disable * <th>1:enable</th>	1:enable			
Auto Re-Lock	0:disable *	1:enable	1	002	
Door Exit Release	0:disable	1:enable*	4	016	

Example:

If you want the option Auto-relock disabled you would chose 0.

The value for this option would then be 0 also.

If you would like to enable it the you would chose 1 and the value would be 002.

You would then proceed to add all the other values and come to a total. This would be what you enter in section 20.

14. Wiring

Table 1 - Connector P1 Color Coding			
Wire Application	Wire	Color	Description
Door Relay	1	Blue White	(N.O.)DC24V1Amp
	2	Purple White	(N.C.)DC24V1Amp
	3	White	(COM)DC24V1Amp
Door Sensor	4	Orange	Negative Trigger Input
Exit Switch	5	Purple	Negative Trigger Input
Alarm Output	6	Grey	Transistor Output (Open Collector Active Low)
Power	7	Thick Red	DC Power 12V
	8	Thick Black	DC Power 0V

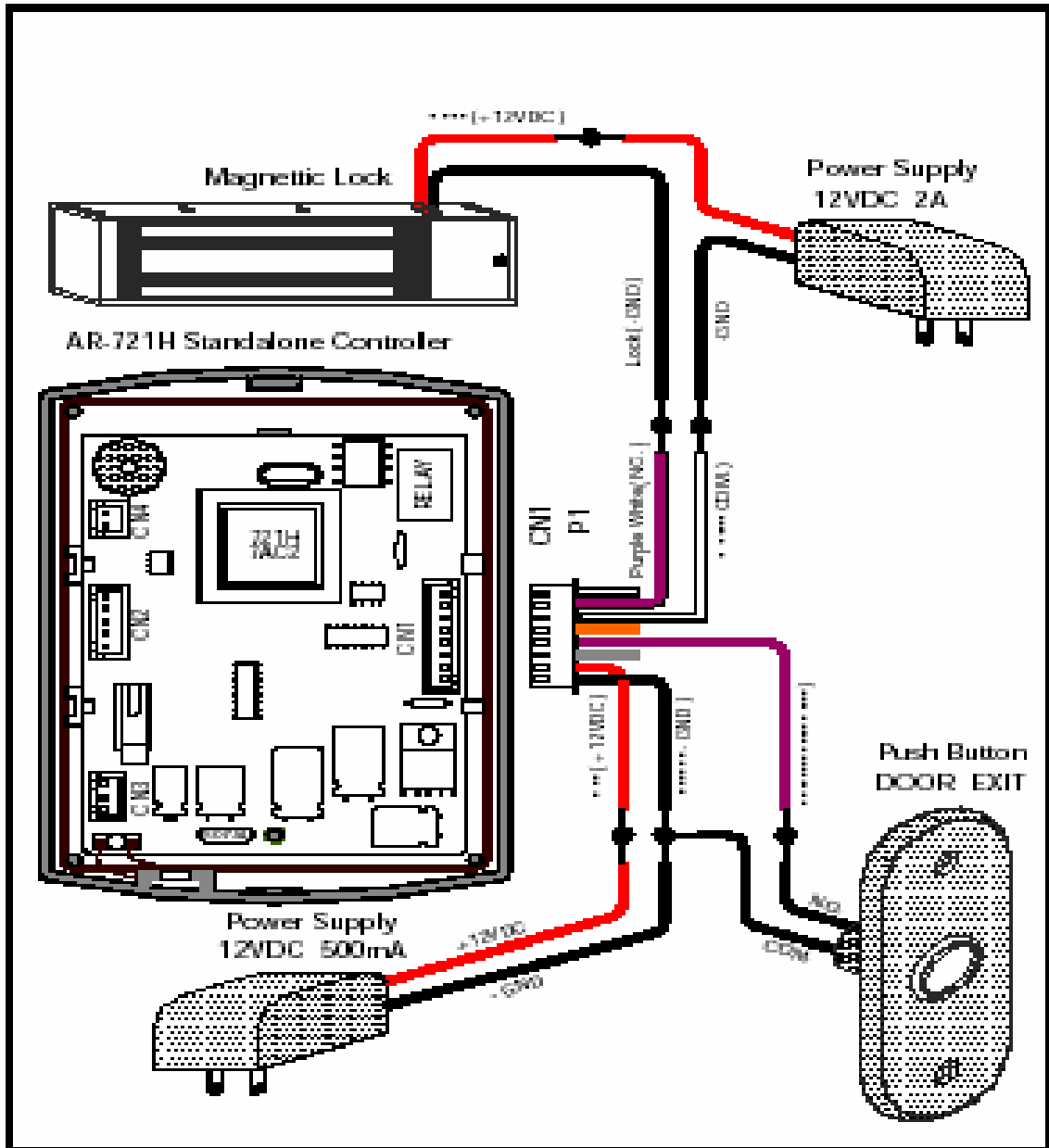
**For Maglocks
& N/C
Doorstrikes**

Table 2 - Connector P2 Color Coding (Wiegand Read Head)			
Wire Application	Wire	Color	Description
Wiegand	1	Thin Blue	Wiegand DAT:1 Input
	2	Thin Green	Wiegand DAT:0 Input
Beeper	3	Pink	Beeper Output 5V/100mA, Low
LED	4	Brown	LED Green Output 5V/20mA, Max
	5	Yellow	LED Red Output 5V/20mA, Max

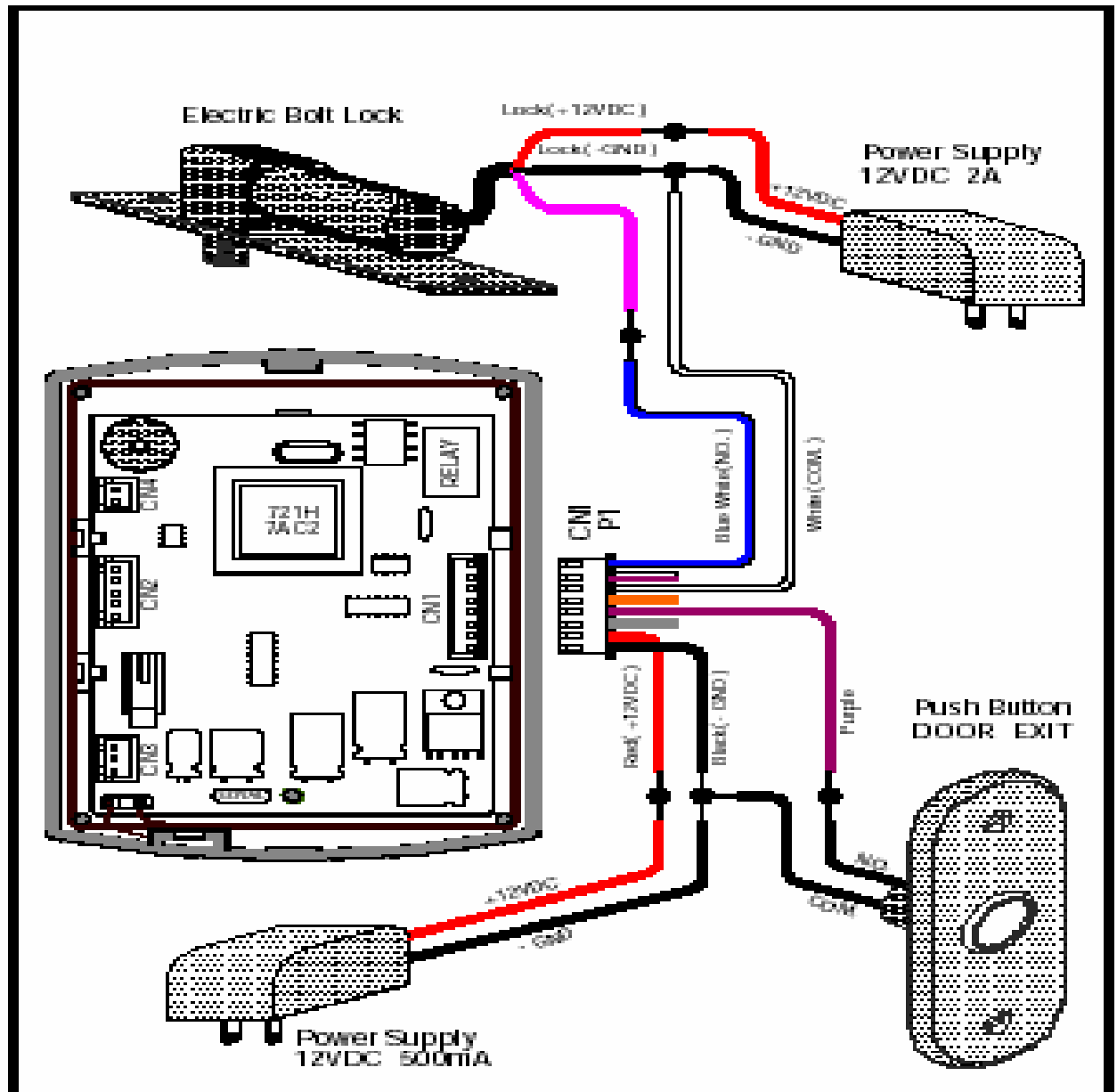
Table 3 - Connector P3 Color Coding (Tamper Switch)			
Wire Application	Wire	Color	Description
Tamper Switch	1	Red	N.C.
	2	Orange	COM
	3	Yellow	N.O.

Table 4 - Connector P4 Color Coding			
Wire Application	Wire	Color	Description
Networking	1	Thick Green	RS-485(B-)
Module	2	Thick Blue	RS-485(A+)

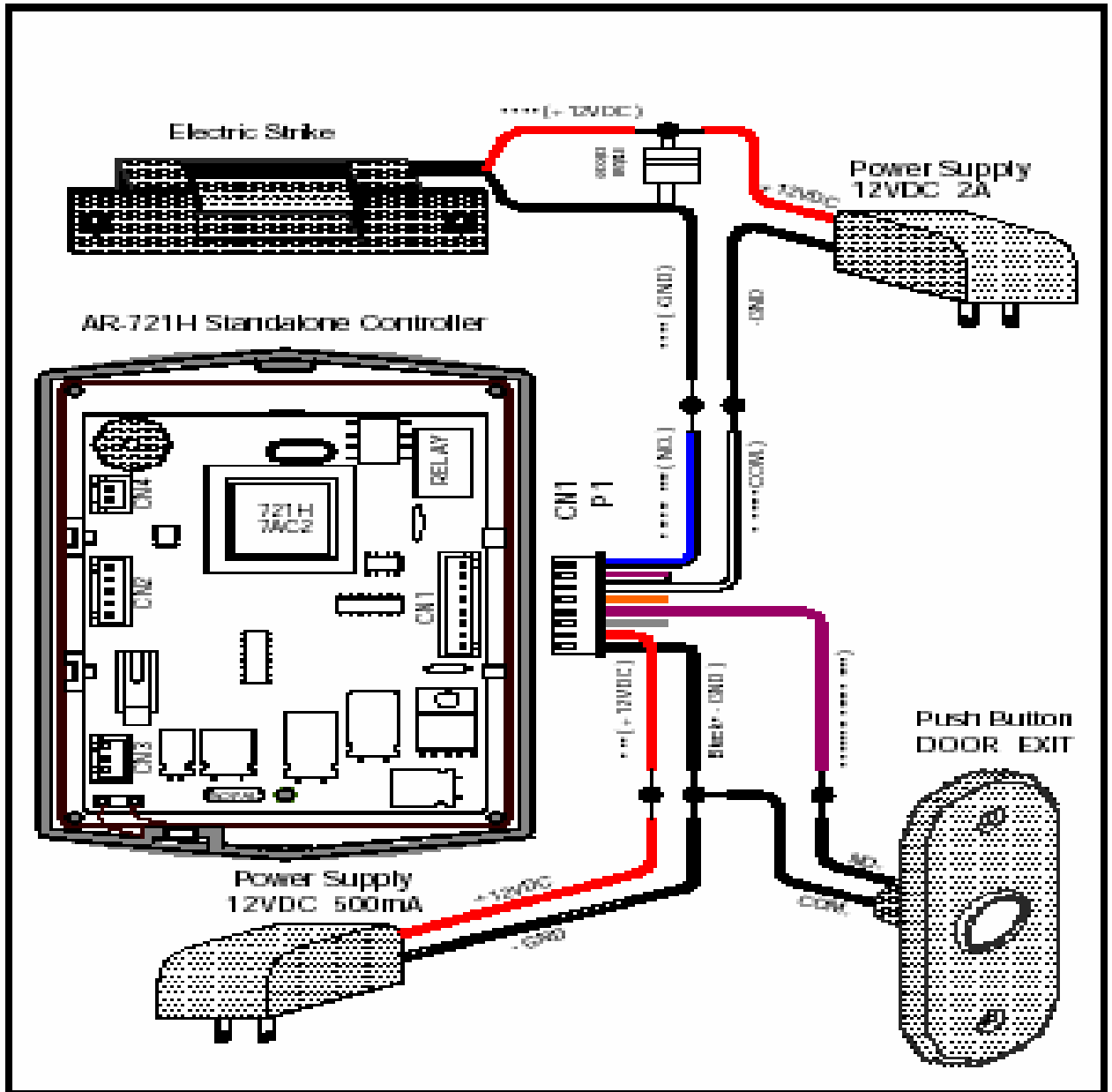
Maglock Installation



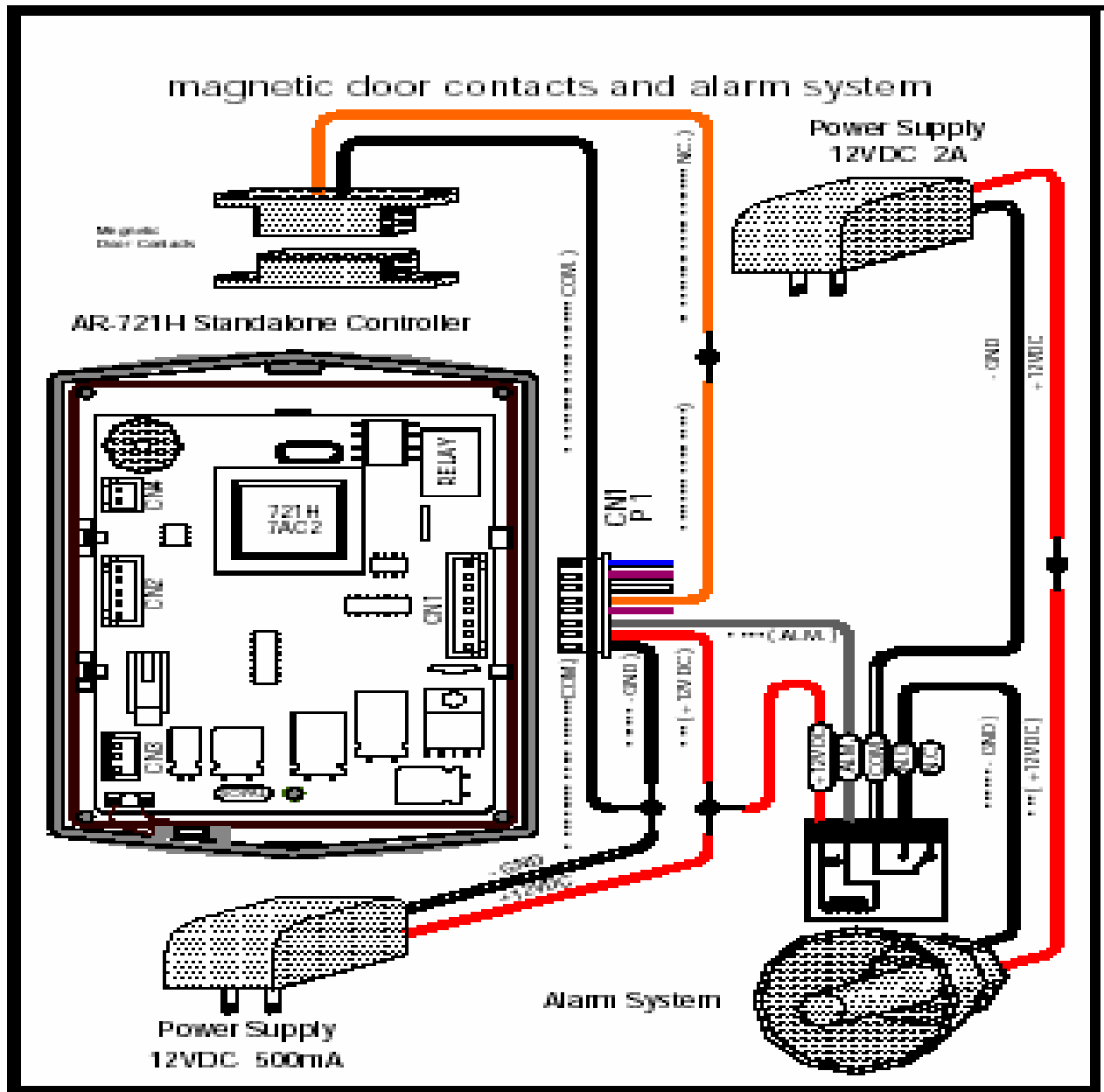
Bolt Lock Installation



Door Strike Installation



Magnetic Door Contacts & Alarm



Networking Install

