



*	Exit program, clear field, reset keystroke	20	Add New Tenant Directory
#	Save program	21	Modify Tenant Directory
00	Change master code (0000 is default)	22	Delete Tenant Directory
01	Change Talk Time	23	Clear All Tenant Directory
02	Open Interval Relay 1 & 2	24	Card and Code (see manual)
03	Lock-out Count	25	Card Facility Code
04	Tone or Pulse Dialing	26	Card Facility Code
05	Single or Multi System	27	Enable/Disable Modem or RS-232
06	System ID (N/A)	28	Change Directory Digit
07	Remote enable/disable	29	Alarm Delay (see manual)
08	Relay 2 Mode (see manual)	30	Add access code and card
09	Alarm Telephone Number (see manual)	31	Modify card
10	Manual Unlock/Lock with Door Timer.	32	Delete code and card
11	Edit Welcome Screen	33	Clear All codes and Cards
12	Set Time and Date	40	Master Code Mask
13	Time Zones (see manual)	41	Open Door Beep
14	Holiday Schedules (see manual)	42	Enable/Disable PBX
15	Automatic Unlock Schedules (see manual)	43	Select remote access number door 1 and door 2
16	Clear All Time Zones Schedules	46	Display System Information
17	Clear All Automatic Unlock Schedules	50	Clear memory
18	Clear All Holiday Schedules	51-60	Card Facility Code
19	Clear All Event Recording Schedules	78	View Directory by Name
		71	Enable No Phone Bill (see manual)

- Missing Parts, contact Pach and Company 1-888-678-7224
- Defective system under manufacturer warranty, call 1-888-678-7224 for advance replacement
- [24 Months warranty](#) for complete system
- [6 Months warranty](#) for Printed Circuit Board (8PCB250)

MANAGEMENT SOFTWARE FOR REMOTE PROGRAMMING IS AVAILABLE ON LINE FOR FREE DOWNLOAD AT www.pach-co.com



Log on to programming: Press **0** **#** simultaneously then release, welcome message will stop scrolling (repeat if screen still scrolls) enter 4-digit **"MASTER CODE"** (0000 is default), the screen will show:

SELECT PROGRAM
ENTER: ___ PRESS#

Select the **"Function Code"** from the table

1. Press **#** after selecting a character.
2. You have 30 seconds to enter each letter or character.
3. Letter QZ, numeric 0-9 and punctuations press **1**
4. Press **0** space and **TUV 8** **0** for backspace

What is Master Code: 4- digit code to log-on to programming mode (0000 is default)

What is Dir (directory code): 2, 3, or 4 digit number see function code 09. The number can be associated to apartment no., first three digit of phone no., last four digit of phone no. , or any random no. assigned to each tenants. Every tenant must have different directory code no..

What is Access Code: 4-digit code (keyless entry code) for tenant to open door or gate.

WARNING: DO NOT USE ON BOARD 12VDC and GND TO POWER A DOOR STRIKE OR MAGNETIC LOCK

SEPARATE POWER MUST BE USED TO POWER A DOOR STRIKE OR MAGNETIC LOCK.

Two ways call from the system

1. Press **DEF 3** to scroll name from A-Z or **MNO 6** to scroll name from Z-A then press **#** to call name selected.

2. Press **#** wait for dial tone then press the directory no.

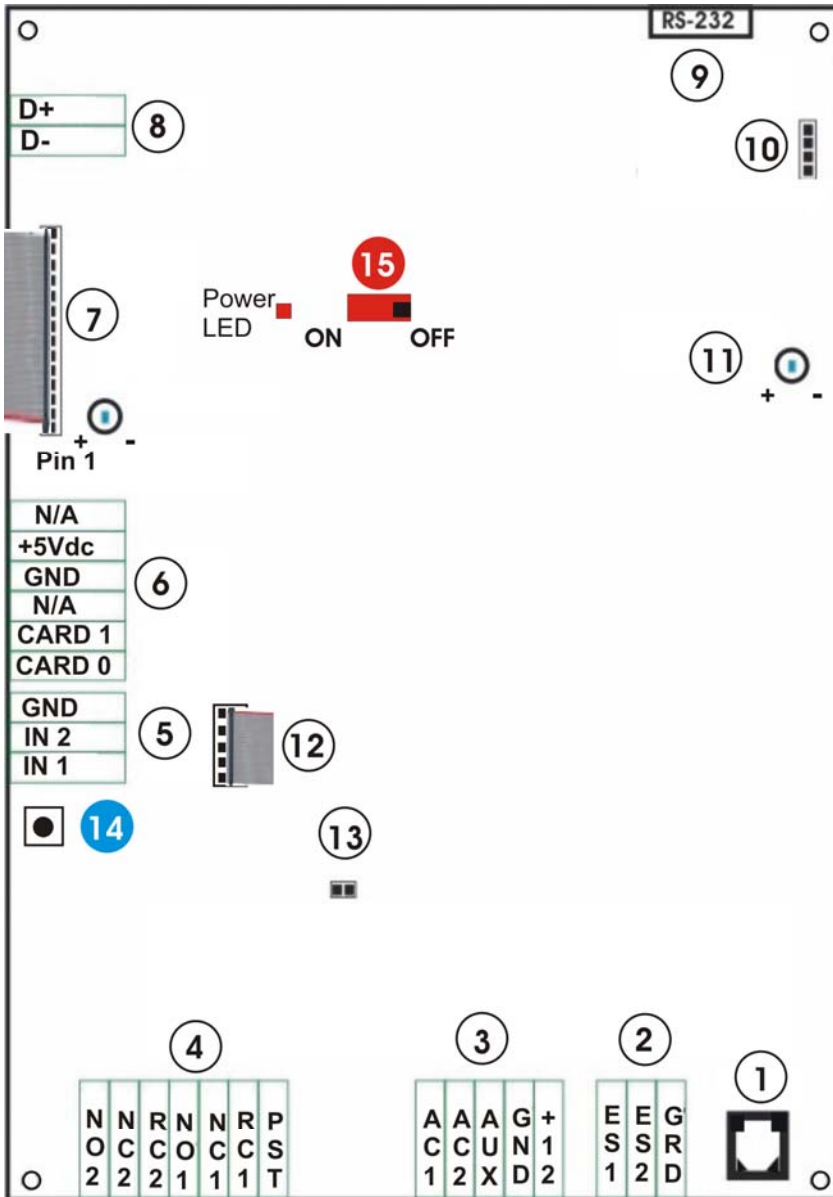
Opening the door remotely press **WXYZ 9** to release relay 1 (door 1) or **TUV 8** to release relay 2 (door 2) (default setting, can be changed, see function code 43)

Opening the door using the access code press ***** (wait for screen stops scrolling) then press a valid 4-digit access code.

Extending talk time tenant must press **#** from the phone after the time out warning beep.

Calling into the system: incase you are not available when your visitor call you. Follow steps below to use this feature

1. Function code 27 must be set to 0 and function 07 must be set to 1
2. Call the system's phone no., you will hear **"ONE BEEP"**, then press ***** to talk to your visitor. Press **WXYZ 9** or **TUV 8** to release the door (see function code 43 to change the remote number)

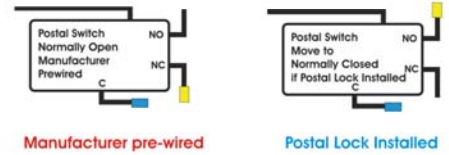


1. Analog Telephone Input (dial tone)
2. **GRD:** Earth Ground, use 16-1 gauge solid wire. Cold water pipe is the best earth ground.

ES 1 and ES 2: No phone bill communication NPB7000P and NPB9000P (2-conductor, 18 gauge shielded stranded wires)
3. **+12V and GND:** Power for backlit keypad

AUX and GND: +12Vdc 4 Ahr battery backup input

AC 1 and AC 2: Input power 12Vac (supplied) or 12Vdc
4. **PST: Postal Switch PST (yellow) and GND (blue)**, call local postal company to install postal lock. **PST and GND** can also use to connect input device is connected such as free exit switch, infrared sensor. **NOTE: Input must be dry contact**



- Door, Gate Connection**
- RC 1: Relay Common 1
 - NC 1: Normally Close 1
 - NO 1: Normally Open 1
 - RC 2: Relay Common 2
 - NC 2: Normally Close 2
 - NO 2: Normally Open 2

5. **Door Sensor**, door sensor switch is required.
GND: Door Sensor Ground
IN 1: Door Sensor Relay 1
IN 2: Door Sensor Relay 2

6. **26 Bit Wiegand Input**, Maximum of two 26 bit wiegand card reader can be installed. **Compatible with Part: UMCR**
Card 0 and Card 1: Data 0 and Data 1, **GND:** Card Reader Ground, **+5Vdc:** Card reader power.
7. **LCD Connector** Red Line Up. **WARNING:** If you need to disconnect the LCD's ribbon cable, note down the direction and pins configuration. Connect the LCD's ribbon cable incorrectly, may damage the LCD or board. The RED LINE on the ribbon cable must be connected to pin 1, and connect the inner row (row closer to the board) of the ribbon cable.
LCD Contrast: Clockwise (-) to decrease, counter clockwise (+) to increase.
8. **RS-485 Data Communication:** 2 conductor, 18 gauge stranded shielded wire. Polarity Sensitive. **Compatible with Part: USCR, USKP, UCRM, and UMCK.** Contact Pach and Company for more detail.
9. **RS-232:** not supply, it is straight connection RS-232 cable. If you decided to make your own RS-232, obtain DB-9 Male and Female. Connect **pin 2 to 2, pin 3 to 3 and pin 5 to 5.**

10. **Speaker and Microphone Connector.**

11. **Speaker Volume:** Clockwise to decrease (-) and Counter Clockwise to Increase (+). Decrease the volume if feedback is heard.

12. **Keypad connector.** Red Line up.

14 Log on to programming without Master Code. If the Master Code is Masked (Function Code 40), this button is disabled

13. **LCD backlit connector**

15 ON/OFF SWITCH, POWER LED