PA4020 RF INTERCOM KEYPAD

USER MANUAL

Rev. A

Platinum Access Systems Inc.

SPECIFICATIONS AND FEATURES

1. **RF Wireless Intercom**

   Long range RF intercom communication.

2. **Key Code Range**

   Primary / Secondary

5 digit code:	00000-99999
4 digit code:	0000-9999
Memory Capacity:	10,000 (4 digit), 100,000 (5 digit) codes for primary and secondary key entry.

3. **Hold Open Operation**

   Resettable 5 digit code to turn on/off hold open operation

4. **Request to Exit Input**

   A contact input for codeless open activation.

5. **Adjustable Control Output Strike Duration**

   Primary: 0-9s output relay strike duration.

   Secondary: 0-9s output strike duration.

6. **Control Output**

   Primary/Secondary NO/NC relay outputs with 1A @ 30VDC.

7. **DC or Solar Panel Power Supply**

   The unit can be powered by 12-24V DC or solar panel.

INSTALLATION

1. **Wiring**

   See Fig.1.

   a. Unplug "**-BAT+**" and "***12-24V***" header from the board.

   b. Connect **NC1/COM1/NO1** to primary gate.

   c. If required, connect **NC2/COM2/NO2** to secondary gate.

   d. If required, connect "**EXIT**" to external strike open switch.

   e. Turn on the unit by plugging a 12V-24V DC power supply to "***12-24V***" terminal.

   Note: 1). "***12-24V***" terminal is non polarity port.

      2).If solar panel is used, connect solar panel to "***12-24V***" terminal.

   f. Re-plug in "**-BAT+**" headers.

   g. Use "**DIGITS**" jumper to select "**4**" or "**5**" digits code operation.
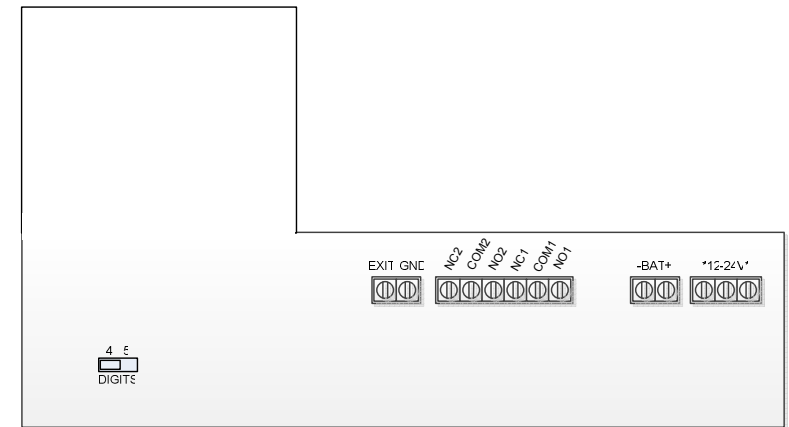

Fig.1 Board Connectors

2. **Indicator and Mode Switch Locations**

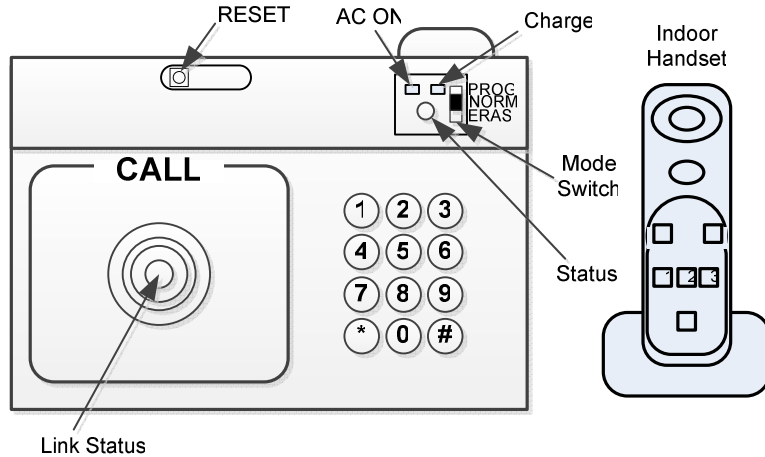   See Fig.2.

Fig.2 Indicators

OPERATIONS

1. **Normal Mode**

   Selected by Mode SW ("**NORM**" position).

   Intercom:

   a. To call indoor handset, touch "CALL" button.

   b. When the indoor handset is picked up, audio communication will be established.

   c. Push the "key" button on indoor handset to open the gate remotely.

   d. To hang the call, push "*" key on outdoor unit or "hang" button on indoor handset unit.

   Key Entry:

   a. To open primary gate, enter 4 or 5 key code.

   b. To open secondary gate, enter #2 + 4 or 5 key code.

   c. To hold open, enter #3xxxxx.   xxxxx: 5 digit code

   (00000-99999)

   e. To release hold open, enter #3xxxxx again.

2. **Program Mode**

   Selected by Mode SW ("**PRGM**" position), "Green" light flas

   Program Primary Key Code: Enter 4 or 5 key Code

   Program Secondary Key Code: Enter   #2 + 4 or 5 key Code

   Program Command:

   a. Control output strike duration (default 1s)

#4xx	xx: 00-09s	Primary control
#6xx	xx: 00-09s	Secondary control

   b. Hold open code

#3xxxxx	xxxxx: 5 digit code (00000-99999)

3. **Erase Mode**

   Selected by Mode SW ("**ERAS**" position), "Red" light flash.

   Erase Primary Key Code: Enter 4 or 5 key code

   Erase Secondary Key Code: Enter   #2 + 4 or 5 key code

#911	Erase all primary codes
#913	Erase hold open code
#914	Erase all secondary codes

4. **EXIT Input**

   "EXIT" input will activate primary control relay at any time.