

# Application Notes



## 1.15 Keypad Partition Assignments *(PC1616/1832/1864 V4.2)*

### Panels:

POWER SERIES (PC1616/1832/1864 V4.2)

### Overview:

Keypads connected to the POWER SERIES panel can be assigned one of nine ways: a keypad can be assigned to operate a partition from 1 to 8 or as a global keypad. Global keypads will not display any information (except for a trouble condition, if present) until the keypad is temporarily assigned to either a partition from 1 to 8. A global keypad allows the user to operate eight partitions through the use of one keypad.

Programming keypad partition assignment is a two-step process:

- Enable Partitions
- Assign the Keypad to a Partition and Slot
- Keypad Supervision

### Program Sections:

Section [201]	Partition 1 to 8 Enable
Section [000], [0]	Keypad Assignment
Section [902]	Module Supervision Field

### Step 1 – Partition 2 – 8 Enable

Partitions 2 through 8 must be enabled before keypads assigned to a partition 2 – 8 will operate. To enable partition 2 to 8, perform the following:

Enter [*][8][Installer's Code]	Enter Installer's Programming
Enter [201]	Enter Partition 1 to 8 Enable
Press [2] to turn ON option [2]	Enable Partition 2
Press [3] to turn ON option [3]	Enable Partition 3
Press [4] to turn ON option [4]	Enable Partition 4
Press [5] to turn ON option [5]	Enable Partition 5
Press [6] to turn ON option [6]	Enable Partition 6
Press [7] to turn ON option [7]	Enable Partition 7
Press [8] to turn ON option [8]	Enable Partition 8

## Step 2 – Keypad Assignment

Program the Partition Assignment and Slot of each keypad. To assign the keypad, perform the following:

Enter [*][8][Installer's Code]	Enter Installer's Programming
Enter [000]	Enter Keypad Assignment Section
Enter [0]	Enter Partition and Slot Section

Enter a two-digit number. The first number represents the partition assigned to the keypad:

Enter data [0]	for Global Mode
Enter data [1]	for Partition 1
Enter data [2]	for Partition 2
Enter data [3]	for Partition 3
Enter data [4]	for Partition 4
Enter data [5]	for Partition 5
Enter data [6]	for Partition 6
Enter data [7]	for Partition 7
Enter data [8]	for Partition 8

The second digit represents the supervisory slot:

Enter data [1] to [8]	for supervisory slot #1 to #8
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The same procedure must be performed on each keypad.

**Note:** Keypads must each be assigned to a specific slot for the keypads to be properly supervised.

**Note:** If an PK5500Z keypad is connected to the panel, it must be assigned to slot #8 for downloading purposes. In addition, only one PK5500(Z) can be assigned to Slot 8. If LCD programming changes are made using the DLS software, the keypad assigned to slot #8 will transmit the changes to all the other PK5500Z keypads on the system after the download is complete.

## Step 2 – Module Supervisory Reset

Since all modules are automatically detected and supervised by the panel within the first minute after being connected, a Module Supervisory trouble condition may occur after keypad slot assignments are changed. After all keypads have been assigned to a Partition and Slot, perform the following to perform a Module Supervisory Reset:

Enter [*][8][Installer's Code]	Enter Installer's Programming
Enter [902]	Enter Module Supervision Reset
Press [#] [#]	Exit Installer Programming

Wait 1 minute.

To verify what modules are present, perform the following:

Enter [*][8][Installer's Code]	Enter Installer's Programming
Enter [903]	Enter Module Supervision Display

The keypad will display the modules present.

**Note:** LED keypads will be limited to the number of modules it can display. To determine which LED represents which module, refer to the Installation Manual, Section 2.7.

**Technical Tips:**

1. If a keypad is assigned to partition 2 to 8 and the partition is not enabled, the keypad will not function. To correct the issue, press and hold the [#] key for 3 seconds then press and hold [1] to temporarily assign the keypad to partition 1. Enter Installer Programming and enable partition 2 to 8 (Step 1 above).
2. To temporarily assign a global keypad to a partition, press and hold the partition number for 3 seconds. For example, press and hold [1] for partition 1 or [2] for partition 2, etc. If no key is pressed for 20 seconds the keypad will return to the global state.
3. A partition keypad can be temporarily assigned to another partition. To do this, press and hold the [#] key for 3 seconds. The keypad will beep three times. Press and hold the partition number for 3 seconds. For example, press and hold [1] for partition 1 or [2] for partition 2, etc. If no key is pressed for 20 seconds the keypad will return to the partition it was originally assigned to.
4. When accessing Partition 3 through 8, an PK5501 keypad or an PK5500(Z) v3.0+ keypad must be used.

**Quick Test:**

Violate a zone assigned to Partition 2 and ensure it is displayed on a partition 2 keypad.