



POWER SERIES NEO TECHNICAL TRAINING MANUAL

PARTITIONING:

OVERVIEW

Partitioning involves configuring the system so that there are multiple groups of zones that arm, disarm and perform additional system operations independently of other partitions

When a system is partitioned, the following items operate independently on each partition:

- Arming
- Disarming
- Status indications (Zone violations, armed/disarmed)
- [*]Commands such as door chime, automatic arming/disarming

CONFIGURATION:

When partitioning a system the following programming options are applicable:

1. Enable partitions
2. Zones
3. Keypads
4. Access Codes

STEP 1 – ENABLE PARTITIONS:

The first programming item is to enable the number of required partitions. To enable the required number of partitions, perform the following:

Enter Installer's programming mode: [*][8][Installer's Code]

Select (200) <>
Partition Mask



Note: Enter programming location [200] to enter partition mask programming



Select (001) <>
Part. Mask 1-8



Note: Press [*] or [001] to select partitions 1-8



Toggle (1) <>
Partition 1 Y

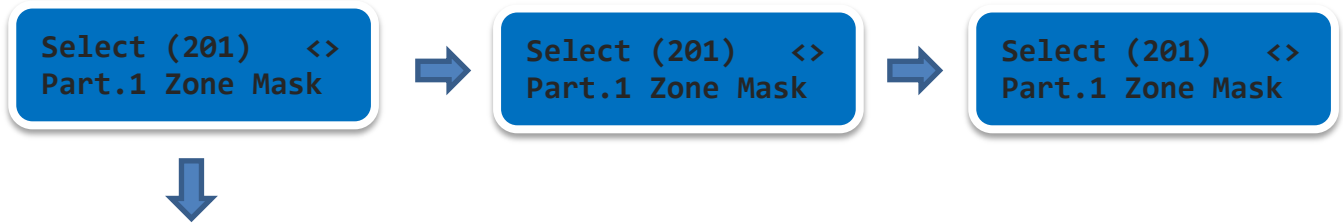


Note: Enable or disable the desired partition(s) by using the scroll arrows and pressing [*] or by entering the desired 1 digit partition number. [#] to exit

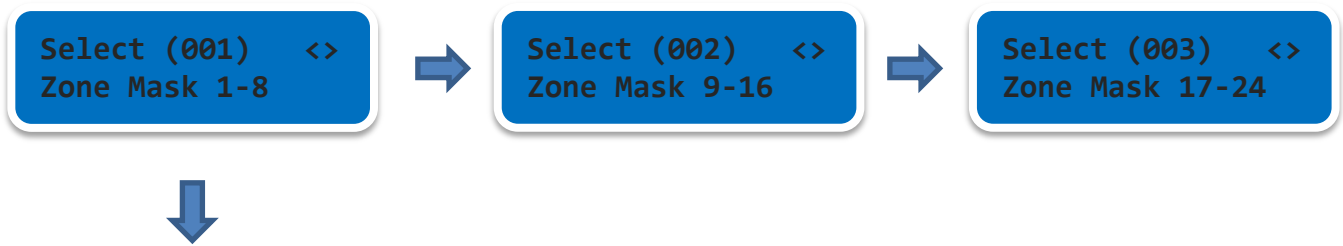
STEP 2 – ENABLE ZONES ON PARTITIONS

Enter Installer's programming mode: [*][8][Installer's Code]

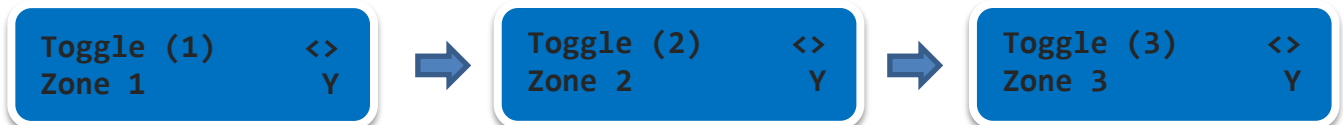
Select your desired partition where you would like to add zones: [201] for partition 1, [202] for partition 2 etc.



Select your desired group of zones to modify, [001] for zones 1-8, [002] for zones 9-16 etc.



Enable or disable the selected zones from the partition by using the scroll arrows and pressing [*] or by typing the 1 digit zone number from the group from 1-8



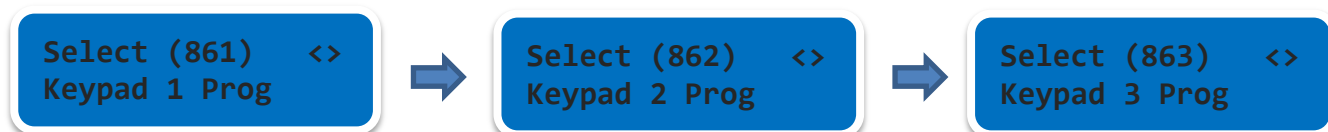
STEP 3 – PARTITION KEYPADS

Configure system keypads for their default partition. The default partition indicates the partition that will be displayed on the keypad in normal operation.

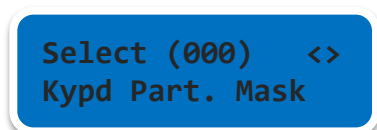
Each keypad may only be assigned to one default partition. Keypads may however be loaned over to a different partition

Enter Installer's programming mode: [*][8][Installer's Code]:

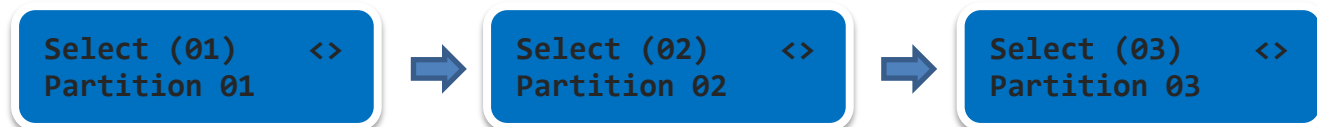
Select your desired keypad that you would like to select a partition for:



Select the keypad partition mask to select the desired partition.



Select the desired partition by using the scroll arrow keys and [*] or by entering the 2 digit partition number



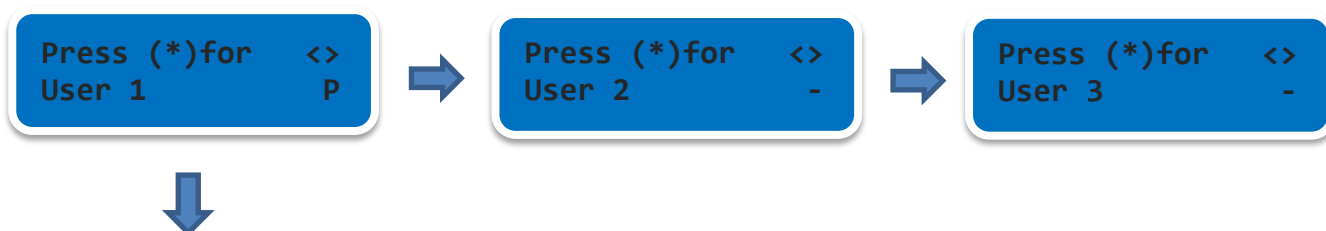
STEP 4 – PARTITION ACCESS CODES

Partitioning access codes provides the ability to select what partition or partitions an access code has the ability to arm, disarm and perform all other operations

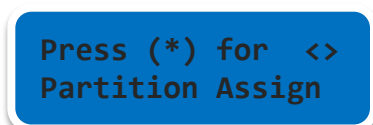
To partition an access code, perform the following:

Enter user access code programming mode: [*][5][Master Code]:

Select your desired user where you would like to select a partition for, enter a 2 digit user number or use the scroll arrow keys and press [*] to select the desired user:



Use the scroll arrow key 3 times until to get to the partition assignment screen and press [*]



Enable/disable the desired partition by using the scroll arrow keys and [*] or by entering the 1 digit partition number



NOTE: YOU MUST FIRST PROGRAM THE 4-DIGIT ACCESS CODE BEFORE MODIFYING THE PARTITION ASSIGNMENT FOR A USER CODE

OPERATION:

ARMING AND DISARMING:

Arming and disarming a partitioned system is no different from a non-partitioned system but it is important to note that a keypad is only capable of displaying one partition at any given moment. When an access code is entered on a keypad, only the partition displayed will be armed or disarmed. This is the case even if the code used is assigned to additional partitions.

EXAMPLE:

An access code assigned to partitions 1-8 is entered on a keypad assigned to partition 4. Only partition 4 will arm or disarm when this access code is entered

LOANING KEYPAD TO OTHER PARTITIONS:

Although a keypad is assigned to one partition, it is possible to loan it to a different partition, therefore making it possible to arm and disarm a partition different from the default partition.

To loan a keypad to a different partition, perform the following:

STEP 1 – PRESS AND HOLD THE [#] KEY FOR 2 SECONDS

STEP 2 – THIS WILL PLACE THE KEYPAD INTO A 'GLOBAL' STATE

NOTE

WHEN A KEYPAD IS PLACED INTO A GLOBAL STATE, NO STATUS INFORMATION IS PROVIDED (ARMED, READY, ZONE ETC.). IF A PARTITION IS NOT SELECTED WHILE IN THE GLOBAL STATE, THE KEYPAD WILL AUTOMATICALLY RETURN TO ITS DEFAULT PARTITION

STEP 3 – SELECT THE REQUIRED PARTITION:

PRESS THE NUMBER KEY OF THE DESIRED PARTITION (I.E. PRESS AND HOLD [2] TO SELECT PARTITION 2)

STEP 4 – THE KEYPAD WILL NOW DISPLAY ALL STATUS INFORMATION OF THE SELECTED PARTITION

STEP 5 – ARM, DISARM OR ANY REQUIRED OPERATION FOR THE SELECTED PARTITION

STEP 6 – THE KEYPAD WILL AUTOMATICALLY RETURN TO ITS ASSIGNED PARTITION EITHER:

AFTER 30 SECONDS OF NO KEYPRESSES

MANUALLY RETURNED (STEPS 1 – 3)

ADDITIONAL INFORMATION:

COMMON ZONES:

OVERVIEW:

A 'Common Zone' refers to a zone or group of zones that have been assigned to multiple partitions (2 or more partitions)

EXAMPLE:

A common entrance in an office building can be used as a common zone. The common entrance is used by multiple businesses within the building. Individual business owners require that the common entrance is only active once all of the businesses are closed

ARMING A COMMON ZONE:

A common zone will only be armed when all of the assigned partitions are armed

DISARMING A COMMON ZONE:

A common zone will be disarmed when any of the assigned partitions have been disarmed

GLOBAL KEYPADS

Global keypads are not assigned to any partition; rather they are assigned to the system as a whole. The purpose of a global keypad is to display the current status of all available partitions by displaying a symbol for each partition so that the user knows if the system is ready to arm (R), not ready to arm (N), armed (A) or in alarm/an alarm in memory (!).



You can also temporarily loan any keypad into global mode by pressing and holding [#] for 2 seconds, this will expire after 30 seconds of inactivity.

The idle display for Global keypads/Global mode during loaning can indicate the following status per partition:

R = Ready

A = Armed

N = Not Ready

! = Alarm

X = Exit Delay

E = Entry Delay

P = Auto Arm Pre-Alert

GLOBAL KEYPAD FUNCTIONS

[*] functions available in global mode:

[*][0] For arming/disarming (by partition, with access code)

[*][1] For bypassing (by partition)

[*][2] Troubles

[*][3] Alarm memory

[*][5] User code programming

[*][6] With System related items (User Call-up, System Test, Time/Date, etc.)

[*][8] Installer's programming

GLOBAL FUNCTIONALITY:

- Able to see partition status
- Able to accept code and/or prox
- If zones are open, the keypad will prompt the open zones like a partition keypad would, and offer “bypass open zones” in that menu.
- Ability to loan the keypad to other partitions by pressing the desired partition number.
- Able to quickly arm/disarm partitions (based on user permissions)

Procedure to arm or disarm multiple partitions quickly:

- 1) Press the [*] key in global mode, select option [0] for “Arm/Disarm”,
- 2) Simply press any number of desired partitions (note: as soon as a partition number is pressed the “exit delay in progress” message appears while arming, however you can enter another partition number right away to arm additional partitions). It is the same procedure for disarming.

ASSIGN A KEYPAD TO GLOBAL MODE

Enter Installer’s programming mode: [*][8][Installer’s Code]:

Select your desired keypad that you would like to select a global mode for:

