

## PowerSeries Application Note - Programming Zones

### Panels:

PC5010 (Power832)

### Overview:

Programming zones is a three-step process:

- Program the zone definitions
- Program the zone attributes
- Add additional zones to the system

### Program Sections:

Section [001] – [004]	Zone Definitions
Section [101] – [132]	Zone Attributes
Section [202] – [209]	Partition Zone Assignment – Zones 1 to 32

### Step 1 – Programming Zone Definitions

Zones must be defined before they will operate. Depending on the control panel being used, approximately 30 different zone definitions are available. Enter the correct section and program the 2-digit number corresponding to the required zone definition.

Section [001] – Zones 1 to 8
Section [002] – Zones 9 to 16
Section [003] – Zones 17 to 24
Section [004] – Zones 25 to 32

### Step 2 – Programming Zone Attributes

Zone attributes are used to customize the operation of each zone. There are 32 sections available, Section [101] for zone 1 to Section [132] for zone 32. Each Section has 8 toggle options. Turn the appropriate option ON or OFF depending on the required operation.

Option [1] – Zone audible/silent
Option [2] – Steady bell output/pulsing bell output
Option [3] – Door chime enable/disable
Option [4] – Manual bypass enable/disable
Option [5] – Force arm enable/disable
Option [6] – Swinger shutdown enable/disable
Option [7] – Transmission delay enable/disable
Option [8] – Wireless zone enable/disable

**Note:** The zone attributes for the zone will reset to the default settings if the zone definition is changed. A chart of the default settings for each zone definition is available in the Programming Worksheets.

### Step 3 – Partition Zone Assignment

Zones will not function until they are enabled. Enable all zones being used by turning ON the appropriate option in Section [202] to [209].

Section [202] – [205]	Partition 1 Zone Assignments – Zones 1 to 32
Section [206] – [209]	Partition 2 Zone Assignments – Zones 1 to 32

**Note:** If zones are assigned to Partition 2, ensure the partition is enabled in Section [201].

#### Technical Tips:

1. The zone attributes for the zone will reset to the default settings if the zone definition is changed. For this reason always program zone definitions before programming zone attributes.
2. Only zones 1 to 8 are enabled at default. If additional zones are being used, they must be enabled before they will function.

#### Quick Test:

After all programming is complete, violate each zone and ensure each is displayed on the keypad. Arm the system in both the Stay and Away mode to ensure all zones are functioning properly.