

## Power 832 Application Notes – Intercom Listen In and Two Way

**Operation:** The PC5928 Intercom can be used for central station listen in and two way communication. This can be done through the interior intercom stations as well as the PC5204 two way station.

### Special Notes:

1. For simplicity, this Application Note outlines programming requirements for all intercom stations to turn on when two way is activated. This is the most common application. If you require specific intercom stations to activate when specific zones go into alarm, refer to the PC5908 Installation Manual.
2. Some general Intercom programming is required (see Application Notes – Intercom)

<b>Program Sections:</b>	Section [802], Subsection [10] to [13]	– Zone Port Assignments
	Section [802], Subsection [14]	– Keypad Port Assignments
	Section [802], Subsection [30]	– Audio Options
	Section [802], Subsection [40] to [41]	– Telephone Key Programming
	Section [802], Subsection [50] to [53]	– 1 <sup>st</sup> to 4 <sup>th</sup> Audio Control Options
	Section [802], Subsection [54]	– 5 <sup>th</sup> Audio Control Options
	Section [802], Subsection [55]	– Audio Duration

### Procedure:

#### Step 1 – Zone Port Assignment – Section [802], Subsection [10] to [13]

Program data [01] in the correct Section for all zones that are to activate two-way upon alarm.

#### Step 2 – Keypad Port Assignment – Section [802], Subsection [14]

Multiple keypads may be assigned to different slots for supervision. Program data [01] for all keypads that are to activate two-way when keypad alarms are activated.

#### Step 3 – Audio Options – Section [802], Subsection [30]

For all stations to activate for two-way, turn Option [2] ON.

#### Step 4 – Telephone Key Programming – Section [802], Subsection [40] and [41]

During a listen in or two-way call, the operator has the ability to perform certain functions such as talk, listen and hang up. To reduce confusion for the central station operator, the PC5928 Intercom module allows you to specifically program which telephone buttons perform which function. This way the operator can use the same commands as they are used to with other two-way equipment.

Call your central station and ask what functions they perform, as well as what telephone key they press to perform the function. Referring to the chart, program Sections [40] and [41] accordingly. The PC5928 has been default programmed to activate functions using the most commonly used telephone keys.

**Step 5 – 1<sup>st</sup> to 4<sup>th</sup> Audio Control Options – Section [802], Subsection [50] to [53]**

These 4 Sections are used to enable which zones will activate two-way upon alarm. Turn the Option ON in the correct Section for each zone that will activate two-way upon alarm.

**Step 6 – 5<sup>th</sup> Audio Control Option – Section [802], Subsection [54]**

This Section is used to determine what other types of signals will activate two-way. Turn the Option ON for additional signals that are to activate two-way.

NOTE – Keypad Panic and Duress will activate listen in only!

**Step 7 – Audio Duration – Section [802], Subsection [55]**

Program the duration of the two-way call. The central station operator can extend this time by pressing the proper telephone key (see Step 4).