

Installation Instructions

The PC5349 module is designed to allow both PC5132-900 and PC5132-433 receivers to operate on one alarm system.

1. Specifications

- 12VDC, 180mA with both receivers connected to control panel
- Keybus compatible
- Supports 32 zones (combined 900MHz and 433MHz)
- Supports 8 wireless keys (sections 41-48)
- Compatible control panels:
PC5010, PC5020, PC5015, PC1555MX, PC585, PC580
- Compatible 900MHz devices:
WLS907, WLS915, WLS904, WLS914, WLS909, WLS929
- Compatible 433MHz devices:
WLS925, WLS904, WS4939, WS4916, WLS914, WLS912

Note: *This device has not been evaluated by UL.*

2. Limitations

- The PC5349 module only supports the PC5132-433 and PC5132-900 receivers.
- NO OTHER RECEIVER PRODUCTS ARE SUPPORTED.
- No wireless information can be uploaded or downloaded when the PC5349 module is used.
- When any wireless programming change is made, wait 2 minutes after exiting programming for the PC5349 module to update the wireless receivers. DO NOT ENTER INSTALLER PROGRAMMING DURING THIS TIME.
- The PC5320 module is not supported and cannot be used in conjunction with the PC5349 module.
- WLS910 hand held keypad is not supported with the PC5349 module.

3. Installation and setup

Power down the panel before installing and connecting this module.

Note: *For correct operation:*

Do NOT enable RF Jam detection.

Do NOT enable Identified wireless key option.

3.1 Adding 433Mhz wireless keys (i.e. WS4939)

Note: *If you have previously installed the PC5349 module, to add/replace additional key, go directly to Step 3.*

Step 1 - With power off, connect PC5349 module as indicated in Figure 1.

Step 2 - Apply power to system. Wait approximately 2 minutes for device and receiver mapping to take effect.

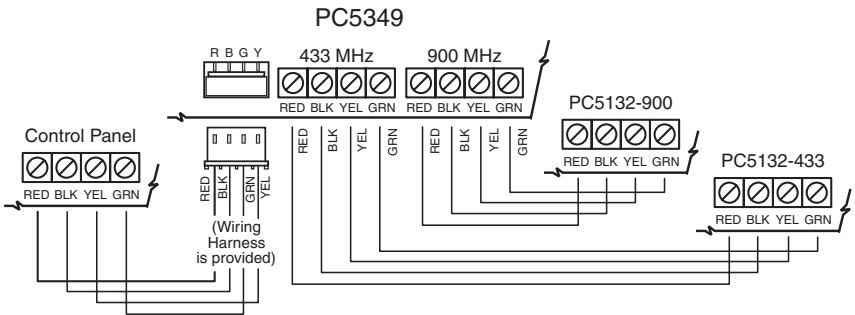
Note: *Do not go into programming mode during this time.*

Step 3 - Enroll, program, and test wireless keys (sections 41-48) as described in the PC5132-433 *Installation Manual*.

3.2 Replacing zones

- Step 1 - Delete the 900MHz device that is to be re-placed from 900MHz receiver (erase Serial No., refer to the PC5132-900 *Installation Manual*).
- Step 2 - Power down, and disconnect the 900MHz receiver.
- Step 3 - Connect the 433MHz receiver directly to panel.
- Step 4 - Program the new device in the zone slot deleted in step #1.
- Step 5 - Perform placement test on the new device
- Step 6 - Power down, and disconnect the 433MHz receiver.
- Step 7 - Connect the PC5349 module, and both receivers as shown in Figure 1.
- Step 8 - Apply power to system. Wait approximately 2 minutes for device and receiver mapping to take effect.
Note: *Do not go into programming mode during this time.*
- Step 9 - Test all wireless zones (i.e., tripped and restored) to ensure correct operation. **Note:** *Executing a receiver software default command will only default the PC5132-433 receiver. The PC5132-900 receiver will not be defaulted.*
- Step 10 - **Adding/Replacing Wireless Zones:** When returning to an install that has the PC5349 module installed. To enroll additional 433Mhz devices you must repeat the setup from step 1 of this section.

Figure 1, PC5349 Module Wiring Diagram



This manual shall be used in conjunction with the Installation Manual of the alarm control panel. All the instructions specified within that manual must be observed.

FCC COMPLIANCE STATEMENT

CAUTION: *Changes or modifications not expressly approved by Digital Security Controls could void your authority to use this equipment.*

This equipment generates and uses radio frequency energy and if not installed and used properly, in strict accordance with the manufacturer's instructions, may cause interference to radio and television reception. It has been type tested and found to comply with the limits for Class B device in accordance with the specifications in Subpart "B" of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in any residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to television or radio reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Re-orient the receiving antenna
- Relocate the alarm control with respect to the receiver
- Move the alarm control away from the receiver
- Connect the alarm control into a different outlet so that alarm control and receiver are on different circuits.

If necessary, the user should consult the dealer or an experienced radio/television technician for additional suggestions. The user may find the following booklet prepared by the FCC useful: How to Identify and Resolve Radio/Television Interference Problems. This booklet is available from the U.S. Government Printing Office, Washington D.C. 20402, Stock # 004-000-00345-4.



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