

Cover Pools Wireless Control System Setup

The Wireless Control System requires a setup process to link a keypad to the receiver module. The following is a description of the sequence for setting up this link and managing various features of the system.

Quick instructions for keypad use:

'Factory default' master PIN is 1583. The master PIN is #1, and can be changed. Installer PIN is 2838. This PIN is also a master PIN, but is not changeable.

1. Normal use:
 - a. Enter 4 digit PIN #
 - i. Red LED on for button push ack.
 - ii. Red LED on for .5sec on PIN failure
 - iii. Green LED flash for good PIN recpt
 - b. Push Cover or Uncover buttons.
 - i. Green LED indicates ack from revr.
2. PIN change
 - a. Unlock keypad with valid master PIN entry (1a process)
 - b. Enter 1 to indicate change process
 - i. Both LED's light indicating readiness
 1. You can abort at this point by entering 0
 - c. Enter 1 for PIN change
 - i. Green LED flashes
 - d. Enter 1-4 for which PIN # desired
 - i. Red LED flashes
 - e. Enter the new PIN#
 - i. Both LED's flash
 - f. Enter the new PIN# again (for confirmation)
 - i. Red LED flashes briefly
 - ii. After a moment the Green LED will turn on indicating success.
 1. You can abort at this point by entering 0
3. Delete a specific PIN # (except master).
 - a. Unlock keypad with valid master PIN entry (1a process)
 - b. Enter 1 to indicate change process
 - i. Both LED's light indicating readiness
 1. You can abort at this point by entering 0
 - c. Enter 2 for PIN delete
 - i. Green LED flashes
 - d. Enter 2,3,4 for PIN to delete
 - i. Green LED flashes
 - e. Enter 2,3,4 for PIN to delete as a confirmation
 - i. After a brief delay, the Green LED will light showing success
 1. You can abort at this point by entering 0
4. Delete all PIN#'s (except master)

- a. Unlock keypad with valid master PIN entry (1a process)
- b. Enter 1 to indicate change process
 - i. Both LED's light indicating readiness
 1. You can abort at this point by entering 0
- c. Enter 3 for all PINs delete
 - i. Both LED's flash
- d. The master PIN must be entered again to verify the action
 - i. After a brief delay, the Green LED will light showing success
 1. You can abort at this point by entering 0

Quick Installation instructions for the receiver module:

Quick functional description.

NOTE: The installation functions described must all be done at the same time for each keypad in order for the receiver to store the setup properly. (ie radio linkage then set channel then set net ID, then exit).

S3 on the PC board is the setup button.

Establish Setup mode

1. The Uncover and #3 button are pushed simultaneously and held for 5 secs.
 - a. Both LED's light and stay on solid.
2. Enter the 6 digit master security code: 396207
 - a. The Red LED turns off. Only the Green is lit.
 - i. You can abort at this point by entering 4

Establish radio linkage

3. The 'setup' button on the receiver is pushed and held.
 - a. The receiver red LED lights
4. The #1 key is pressed on the keypad.
 - a. The LED's turn off.
 - b. The Green LED turns on when link is established.
 - i. The Red LED will turn on if the link is not established
 - ii. Repeat step 3&4, or enter 4 to abort

Note: The receiver will timeout in about 20 seconds if no link is established.

Set Channel # (00 to 31)

(Still in setup)

5. Press #2 on the keypad
 - a. No LED's lit
6. Enter channel (00 to 31). NOTE: ch 0-9 will need to be entered as 0x, etc.
 - a. Green LED is lit if successful. Red if not accepted.

Set Network ID #(01 – 99)

(Still in setup)

7. Press #3 on the keypad
 - a. No LED's lit
8. Enter channel (00 to 99). NOTE: ch 0-9 will need to be entered as 0x, etc.
 - a. Green LED is lit if successful. Red if not accepted.

End setup

1. Press #0 on the keypad
 - a. No LED's lit
 - b. Green LED is lit briefly if successful. Red if not accepted.

Initializing the Receiver

The receiver (which stores all the PINs and the base channel and network settings) can be erased to a factory setup condition by holding the setup button down while the power to the receiver is turned on. The Green LED will flash briefly indicating the erasure is complete.