

Pairing the PK-250 continued

7. Two seconds after the motor stopped, press **43<enter>** on the PK250.
8. After the green indicator on the Pk250 turns off, wait 2 seconds then press the programmed button(s) on the authorized "A" transmitter.
9. To verify that the PK250 has been paired properly, press **43<enter>**. The motor should respond and the barrier should fall.

Antenna and Range The PK250 is supplied with a short 1/4 wavelength antenna. The range in free air is 30 meter. For longer range, use an antenna with more gain, or a roof-mounted antenna. Use a 50 ohm cable to connect to the SMA connector on the PK-250.

Copyright and Patents

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User Manual

PK-250 Keypad

The PK-250 is a keypad transmitter designed for the MySpot 200 barrier system. It allows the control of 250 individual parking barriers, located side by side.

Applications include valet parking, office buildings and guard houses.



The PK-250 is a hand-held transmitter for the MySpot barrier system

- ### USE Instructions
- Assign a 2 or 3 digit number for the barrier you wish to control. For example, the number can be 02 or 20 or 123.
 - Press the appropriate number on the keypad, followed immediately by the <Enter> key
 - For example, if the barrier number is 43, press **43<enter>**
 - Note the indicator (LED) on the top of the keypad. The LED will flash as the keypad is pressed After pressing the <Enter> it should light for 2 seconds indicating that a radio command is being transmitted.

- The barrier should rise or fall in response to the command.

Batteries

The Pk-250 is powered by 3 AAA alkaline batteries. The batteries will last 1-3 years, depending on usage.

This manual applies to MySpot 200 version 2.6 and higher and to PK-250 firmware 1.00 and higher.

Updated 5/08/07

Configuring the PK-250

The PK-250 is supplied from the factory with a random facility code. The PK-250 supports 4,095 different facility codes. If you wish to change the code (for example, to create zones in the parking lot, or to restrict control to particular barriers), you need to change the facility code. *If you make the changes after the PK-250 was paired with the barriers, it will no longer control them and you will need to re-pair the PK-250 with the barriers.*

To Change the facility code

- Enter the following sequence on the keypad:
* **9 2 5 0** <Enter>
- The indicator (LED) on the PK-250 will flash 3 times to acknowledge the command
- Enter the desired facility code:
* **A B C D** <Enter>
- The indicator on the PK-250 will flash 6 times to acknowledge the command
- The number **ABCD** can be between 0001 and 4095
- The PK-250 will immediately return to the normal operating mode.

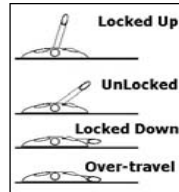
Rebooting the MySpot 200

The PK-250 can be used to send configuration commands to the MySpot 200. This capability is for the installer and service person, and should not be attempted by an untrained user.

The PK-250 can be used to configure the MySpot 200 only if it is already paired with this individual barrier. The barrier must be in the Locked Up position

The **boot** command deletes all authorization codes in the MySpot 200. This is useful if authorized transmitters were lost, or changes are required in which of the transmitters control this barrier.

- Place the barrier in the Locked Up position
 - Send an address command (example for unit #43):
43 <Enter>
 - Wait 2 seconds to allow the MySpot 200 to return to full radio sensitivity
 - * **9 2 4 1** <Enter>
 - Motor will whirl for 1-2 seconds.
 - The PK250 returns to the normal operating mode
- The barrier is now in "virgin" state and will accept the first transmitter command as authorized



Other Commands

- Hibernation: *9240<>
- Single Wheel count *9242<>
- Double wheel count *9243<>
- Transmit for 60 seconds (RF test) *5478<>

Pairing the PK-250 with MySpot

The procedure of adding the PK-250 to the authorized list of the barriers is similar to the addition of the HT transmitters. See MySpot 200 installation manual for more details.

In the examples below, it is assumed that the barrier number is 43.

First Transmitter

If the MySpot 200 has been rebooted, it will learn the first transmitter it "sees" as a valid transmitter.

1. Place the barrier in the Locked Up position.
2. Press **43**<enter> on the keypad
3. The motor should whirl and the barrier should fall. The transmitter has now been paired with barrier #43.

Adding PK-250

Once a different transmitter has been paired with the barrier, the PK-250 can be added as follows:

1. Make sure that any barrier in the vicinity that is still unprogrammed is placed in the Unlocked position.
2. Place the barrier in the Locked Up position. Prop the barrier with your leg so that the barrier will not fall when activated.
3. Hold the authorized transmitter ("A") in one hand, and the PK-250 ("B") in the other.
4. The sequence as explained below is **A-A-B-A**.
5. Press the previously programmed button(s) on the *authorized A* transmitter. The motor will whirl. The green indicator on the HT transmitter will stay lit for 2 seconds. If the transmitter is set to a 2-button mode, press the two keys in sequence to get the motor to whirl.
6. Two seconds after the motor stopped, press the authorized key **A** again. The motor should sound again.

