

## Technical Update #75

**Date: April 26, 2002**

### **Re: PC5102-433 Range Issues**

The PC5102-433 wireless receiver is an economical alternative to the PC5132-433 wireless receiver for applications that require wireless keys.

The unit's optimum operational range is ideal for the most popular wireless key applications, such as arming/disarming and activating a garage door opener. However, the receiver should be installed according to the following guidelines:

- \* Place it at least 6 feet (2 meters) above ground level
- \* Do not locate it near large metal objects that will block wireless signals
- \* Make sure it's located in an area close to where the wireless key will be used (i.e. in the garage)

If installed following these guidelines, the range of the PC5102-433 is 75 to 150 feet (25 to 50 meters) open air.

Should a longer range be required, the PC5132-433 or LCD5501Z32-433 can be used instead. When using these products, the range of the WLS909-433 or WLS-919 is 200 to 300 feet (66 to 100 meters) open air.

**Sincerely,**

**Harry Scholz**  
**Product Application Specialist, The Americas**