



## Frequently Asked Questions

### How many different PowerLever 9000 models are there?

There are two heavy -duty Grade-1 cylindrical lock models available – the PL9550 lock model and the PL955X (where X can be A, B, C, D, E, F, G or H) Exit trim operator model. Both models use cylindrical locksets and do not use any batteries. The proximity reader electronics and antenna are housed inside the front housing of the lock.

### How does the lock grant access?

The lock will grant access by any one of 3 means – by a PIN (Personal Identification Number) code at the lock's keypad, by presenting a proximity badge card or by PIN followed by the proximity card.

### What is “proximity” card and reader technology in the access control world?

A proximity card has an antenna built inside it. When it is placed near a proximity reader, the proximity card ID data is transmitted from the card to the reader without the card touching the reader. It is called proximity technology because this badge ID card only needs to be in close proximity of the card reader. The card data is transmitted to the reader in the air as an Rf signal (radio frequency). The reader and the associated electronics inside the lock determine if the card is valid and access should be granted.

### What are the types of proximity cards that PowerLever 9000 supports ?

The PowerLever 9000 lock system will enroll and read any HID compatible proximity cards or tags from standard 26-bit Wiegand format all the way up to 84-bit Wiegand format.

### Can we use any proximity cards in the PowerLever 9000 system ?

No. The PowerLever 9000 will only work with HID format compatible 125KHz proximity cards. It will not work with Indala, Motorola or other proprietary format proximity cards.

### If there are no batteries, how does this electronic lock work ?

The PowerLever family of locks uses Kaba's patented “PowerStar” technology where just turning the lock's outside lever once powers the electronic circuitry inside to grant or deny access to a user's programmed PIN or prox card as entry token.

### Is PowerLever 9000 an indoor / outdoor lock?

Yes, but limited to the following range. The lock operates in indoor and outdoor locations between a range of  $-13^{\circ}\text{F}$  and  $+151^{\circ}\text{F}$  ( $-35^{\circ}\text{C}$  and  $+66^{\circ}\text{C}$ ). An outdoor weather gasket is supplied with the lock, which must be installed for outdoor use. A weather shield is also recommended for outdoor use.

### Is the PowerLever 9000 related to any other locksets from Kaba?

Yes. It shares the same mechanical chassis, cylindrical drive, keypad and lever design of the PowerLever 1550 and 4550 family of locks. They all have the same installation hole patterns and generally share a similar look and feel, however the software is different/unique to each family.

**Is there a durable metal drill jig available for the PowerLever 9000?**

Yes. Locktools.com, a drill jig manufacturer, offers a reasonably priced metal jig that can be used with all PowerLever family of locks.

**Can you convert a PowerLever 9000 lock to a PowerLever 4550 lock or vice versa in the field?**

No. There are various electronic and mechanical components that are different between the two models. One cannot be converted to another.

**Can I use the PowerLever PX Software to manage other models of PowerLever locks (i.e. 155x, 455x) that are not prox locks?**

No. This software is only compatible with the PowerLever Prox 9000 lock series.

**Do I have to use proximity cards / tokens to use this lock and software package?**

The lock and software is designed to assign users to a PIN code and a proximity token for dual credential access. Each lock can then be programmed via the scheduling feature to require a 1) PIN only 2) PROX token only or 3) PIN and Prox. If no cards are currently being used, then the card # field can be populated with a bogus card number (xxx-yyyyy, where xxx = site code and yyyyyy = card number) to satisfy the software.

**Do you need PC and associated software to use the PowerLever 9000?**

Yes. Though the lock can temporarily be used in "Construction mode" without the software, the software and related accessories are required for everyday use.

**What exactly will I get when I buy the PowerLever 9000 software package?**

The PowerLever Prox Implementation Kit contains the PowerLever 9000 software CD, the Software User Manual and the lock Communications module with appropriate cable to download / upload information from / to the lock.

**Do you also need the proximity card Enroller / Reader to use the PowerLever 9000 system ?**

Not if you are only using the standard 26-bit Wiegand format HID proximity badge cards. You can manually input the 3-digit site code (000 through 255) and the 5-digit user ID (00000-65,535) in the system. It is however highly recommended that you use the proximity Reader / Enroller (sold separately) to enroll users' proximity badge cards in the system and to read and verify lost cards – whether it is standard 26-bit Wiegand format or higher bit format (up to 84 bits) cards.

**Do I need anything else with this software package to use the system?**

Yes. You also need the following:

Microsoft Windows (98SE or higher: except ME and NT) based PC

A compatible handheld Palm PDA (personal digital assistant) running Palm OS 4.x or higher (see [www.powerleverprox.com](http://www.powerleverprox.com) for up to date list of compatible PDAs) which will be used to program and audit the locks.

These items are not supplied with the PowerLever 9000 lock or software and must be purchased separately by the end user.

### **Why can't I use any handheld PDA that uses the PALM OS operating system?**

There are variations between different manufacturers' PDAs, and among different products from the same manufacturer. These variations include both the physical cable connector as well as the electronics. The only way we can be assured that a particular PDA works with all aspects of the PowerLever 9000 lock is to validate it according to our test methodology. Please see [www.powerleverprox.com](http://www.powerleverprox.com) for an up-to-date list of compatible PDAs.

### **Are there any special settings on the PDA?**

You must ensure that the date and time settings are correct on your PDA as the lock synchronizes the date and time of the lock each time you program the lock with the PDA's date and time. Additionally, if your area observes Daylight Savings Time, make sure that it is set correctly in the PDA also.

### **What is your warranty policy?**

Kaba guarantees the PowerLever Prox 9000 with a 2-Year warranty from the date of purchase.

### **Can you summarize the main features and benefits of the PowerLever Prox 9000?**

- Easy to install
  - Dual – Credential Access Capability (Prox and PIN)
  - Non-handed and easily field reversible
  - Extra heavy duty Grade-1 cylindrical lockset
  - Same installation door prep as the PowerLever 1550 and 4550.
  - Uses patented "PowerStar" technology, which requires no batteries to use and change as opposed to competitors' battery powered proximity locks, which drain batteries fast because they are constantly "interrogating" the air to see if a card is present.
  - Perfect complement to add additional doors to an existing on-line prox system for half the price.
  - 3000 Users and 30,000 Audit Events
  - Passage Mode and Lockout mode at the keypad
  - Service Users for temporary access
  - 16 Access schedules and 32 Holidays
  - PC to/from lock data transfer with off the shelf handheld PDA (operating with Palm OS 4.x or higher) using Kaba's Communications module
  - Easy to Manage very user friendly point and click software
- Compatible with Windows XP PRO, 2000 and 98SE