



smartlock systems

# RetroFit 1000

Developed by locksmiths for locksmiths. The RetroFit 1000 is a full-featured, electronic combination chamber that serves as a high security and convenient alternative to the mechanical chamber. Convert your **existing** locks to newer electronic technology !

**Heavy-Duty.** Ideal for high-traffic areas.

**No Hassle. Drop-in Replacement.**

No wiring, no drilling.

**Easy programming** at the keypad.

**Recycles** your existing hardware.



# TECHNICAL SPECIFICATIONS

## Basic model

**Easy programming:** Adding or deleting codes is quick and easy. Keypad push-buttons light up for guidance through each programming step. No tools required.

**Access codes:** One master code and up to 100 user codes with more than 2.5 billion possible combinations. Variable code lengths; 2 to 8 digits.

**Service codes:** Up to 2 temporary service codes for your guests. One-time use or 1 to 24 hours code duration.

**Manager lockout:** Manager may quickly block access to all users.

**Manual passage mode:** No code required to enter. Set free access at the keypad. Passage mode maintained until disabled at the keypad.

## All Models

**Locks supported:** 1000, L1000 (lever), LP1000 (lever panic), EE1000 (entry-side).

**Installation:** Drop-in replacement for the mechanical chamber (no drilling, no wiring).

**Operations:** Authorized code allows free linkage rotation for latch to retract. Push-buttons can be depressed one at a time or by set of two keys depressed simultaneously.

**Keypad:** Silicone rubber keypad with metallic buttons.

**Operating temperature:** -20 °C (-4 °F) to 50 °C (122 °F) operations (1000-xA model) or -40 °C/°F to 60 °C/140°F operations (1000-xL model), 98% Humidity.

**Weatherproof:** Indoor or outdoor operations in extreme weather or snow. Electronics sealed in conformal coating. **Requires optional water gasket.**

**Heavy duty:** Locking mechanism is PTFE (Teflon™) plated and uses special hard anodized materials. Lab tested successfully over 1.5 millions cycles.

**Openings:** Over 200,000 cycles or more than 5 years operation at 100 openings per day (with Lithium batteries)

**Power:** 3 AA alkaline batteries (included with 1000-xA model) or 3 AA lithium batteries (included with 1000-xL model). Off-the-shelf batteries.

**Non-volatile memory:** All user codes and audit trail data remain in memory even if batteries are removed.

**3-Stage low battery alerts:** Visual, audible and mechanical feedbacks.



## Deluxe model

**Easy programming:** All programming, including access schedules, clock setting etc. is done using the keypad. Push-buttons light-up for guidance through each programming step.

**Access codes:** Up to 41 user codes, 3 master codes one security code and more than 2.5 billion possible combinations. Variable code lengths; 2 to 8 digits.

**Service codes:** Up to 5 temporary service codes for your guests; either "One-time" use or 1 to 24 hours code duration.

**Access schedules:** Each access code may have up to two distinct schedules, allowing entry only within specific times, weekdays or on specific dates.

**Auto-lockout:** Managers may have all user codes automatically disabled during a holiday period.

**Passage mode:** No code required to enter. Passage mode can be programmed to expire at specific hours or until the function is manually disabled at the keypad.

**Double-code access:** For increased security, any user code may be allowed entry only when combined with a second distinct code entered within 10 seconds.

**Audit Trail:** Records the last 900 events with their respective date and time stamp. Optional RetroLink cable (1500-RS) required to download audit data. No software to purchase (Windows OS required). *Audit trail readout requires opening the lock casing.*

**Daylight Saving:** Standard time only or auto activated daylight savings modes.

**PC link:** The electronic module can be connected to a computer port for readout: audit trail, access code records, opening activity counter ("odometer"). *Optional RetroLink cable (1500-RS) required.*

## Ordering Information

- 1000-3BA - Basic model with alkaline batteries
- 1000-3BL - Basic model with lithium batteries
- 1000-3A - Deluxe combination chamber with alkaline batteries
- 1000-3L - Deluxe combination chamber with lithium batteries
- 1500-RS - RS-232 PC link cable
- 835-0001 - Lock casing silicone water gasket



170-1029 des Escoumins, Lachenaie, Qc, Canada J6W 5H2

Ph: 1-866-635-3101 FAX: 866-508-3340 [www.retrofit1000.com](http://www.retrofit1000.com)