

## Swivel-Bolt 'Bolt-On' BIO Safe Lock Option

## Product Overview

The (BIO) model is the 'Biometric Fingerprint' access unit in our Electronic Combination Lock range. The screen display provides the support dialogue with respect to the registration of users and the execution of the administration processes.



1000-BIO Safe Lock

The (BIO) model is a (30) user based system.

- **User (1) & (2)** are identified as the *Managers*.
- **(28)** other access user codes can be registered.

**A Super-Code is also assigned to this unit.**

- This code is an emergency override code that also enables you to reset the Manager Code.
- **A factory reset procedure is also provided.**
- This procedure allows this unit to be reset to its original factory settings.

**Lock Options**

**A Key-Override option is also available.**

- This lock option utilises (6) pick-resistant levers with a restricted profile 'WAVE' key.
- Please refer to the '*Safe Lock*' brief for further information on this option.

**A Dead-Bolt lock option is also available.**

- The model can also be supplied with a Dead-Bolt locking action. The key-override option is not available with this lock.
- Please refer to the '*Dead-Bolt Lock*' brief for further information on this option.

## Operating Features

Security setting options include

- **Level (1)** is access is by fingerprint or password. This is the factory setting.
- **Level (2)** is access by fingerprint and its bound password.
- Access is by the presentation of a valid fingerprint or password or both.
- A Password is 10 – 14 digits in length.

**Functions include**

- A Manager Code set and reset function.
- A User Code set and reset function.
- A Delete 'All' and single user function.

**Operating Facilities include**

- Activating the Time-Delay facility.

**Features include**

- A (4) minute lock-out is activated when (4) consecutive invalid entry codes detected.
- An automatic re-lock occurs in (4) seconds.
- A low-battery warning feature is included.
- Instructions must be completed in (15) seconds.

## Technical Specifications

- Retrofit to international footprint.
- Powered by (1) standard 9v alkaline battery.
- Static current is 50µA.
- Power supply range is DC 4.5v – 12.0v.
- Low battery voltage is 5.2v.
- Battery life range is about (1) year.
- Working temperature range is -10°C to +60°C.
- Working humidity is <80%.
- Fingerprint Sensor: 500 DPI optical sensor.
- FRR (False Rejection Rate) : < 0.1 %.
- FAR (False Acceptance Rate) : < 0.0001 %.
- Verification Time: < 1 second.
- Warranty is (18) months on the electronics.

This unit is patented and Australian Made

## Swivel-Bolt 'Bolt-On' Electronic Safe Lock Options

### Product Overview (Swivel-Bolt)

#### (Standard) Electronic Safe Lock Option

This lock option is supplied as **(standard)** with the purchase of an **(ECL)**, **(L02)**, **(L22)** and **(BIO)** electronic model. The high quality swivel-bolt operated stainless-steel safe lock provides a keyless and convenient entry solution based on the standard (3) wheel combination lock footprint.



**1000-LK1 Safe Lock**

### Product Benefits

- Is constructed for strength, and is a quality all stainless-steel safe lock.
- Is retrofit to the standard (3) wheel combination lock footprint.
- Is certified as withstanding (10) times the bolt-head pressure requirement of the Australian standard AS4145.2.
- The lock-case comes complete with (2) drilled and tapped 'Re-Locker' holes.
- This same safe lock has been adapted to provide a restricted profile override 'Wave' key solution.

### Alternative Lock Option

- A 'Dead-Bolt' electronic safe lock version.
- A 'Swivel-Bolt' Bramah (Key-Override) electronic safe lock version.

### Product Overview (Swivel-Bolt)

#### (Key-Override) Electronic Safe Lock Option

This lock option is supplied as **(standard)** with the purchase of a **(BLE)** Bluetooth model. For all other electronic models, a restricted profile override key safe lock can be provided on request.

### Product Benefits

- The cost benefit of not having to invest in a special redundant override plate system when an electronic opening is not possible.
- The knowledge that the lock is registered; a key(s) can be supplied at the time of purchase or supplied at a time when a key opening is necessary. This option may suit some end-users where the availability of a key creates concern.
- The (6) pick resistant levers, combined with a registered restricted profile key offers the ultimate in security in the one universal safe lock footprint.
- An alternative keying consideration is the 'RQK' option. Please refer to the 'RQK - Restricted Quick Key' brief for further information.
- With the knowledge these restricted profile keys are assembled. A joint agreement with a compliant service agency will allow these keys to be assembled on-site and dismantled once the key has served its purpose.



**1000-LK2 (Key-Override) Safe Lock**

This unit is patented and Australian Made

## Alternative: Electronic 'Dead-Bolt' and 'Swivel-Bolt' Bramah Safe Lock Options

### Product Overview (Dead-Bolt)

#### Alternative: Electronic Safe Lock Option

The (Dead-Bolt) electronic safe lock can also be supplied with the purchase of an **(ECL)**, **(L02)**, **(L22)** and **(BIO)** electronic model. The high quality dead-bolt operated stainless-steel safe lock provides a keyless and convenient entry solution based on the standard (3) wheel combination lock footprint.

#### Please Note –

- The (Dead-Bolt) electronic safe Lock also comes complete with a 'Knob Assembly' as pictured.
- A key-override option is not available.



**1000-LK3 (Dead-Bolt) Safe Lock**

### Product Benefits

- Is constructed for strength, and is a quality all stainless-steel safe lock.
- Is retrofit to the standard (3) wheel combination lock footprint.
- The lock-case comes complete with (2) drilled and tapped 'Re-Locker' holes.

This unit is Australian Made

### Product Overview (Swivel-Bolt)

#### Alternative: Electronic Bramah Safe Lock Option

ROSS has partnered with BRAMAH to provide this (Swivel-Bolt) electronic safe lock **(ECL)** option. This option is a further key-override variant to the ROSS restricted profile key solution.



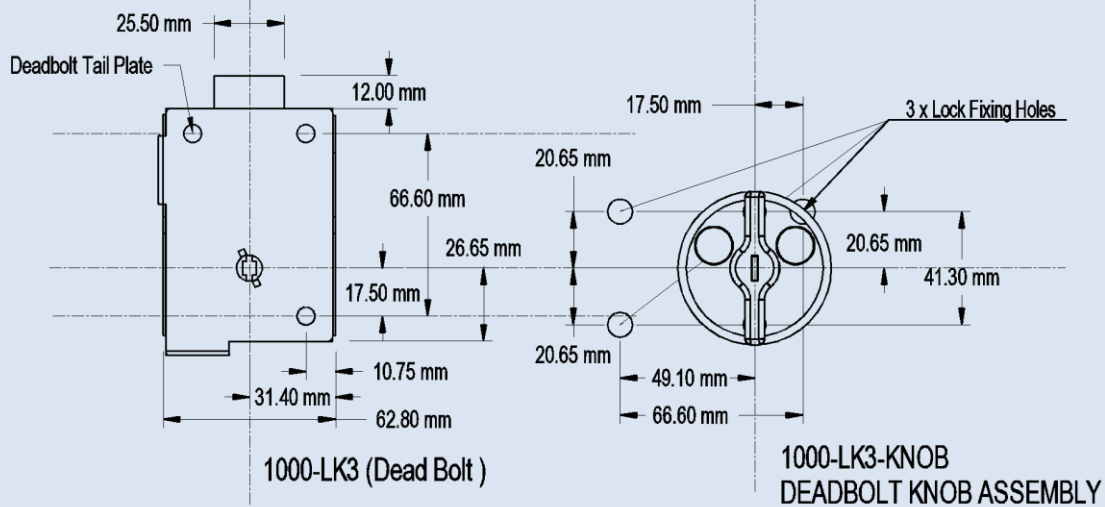
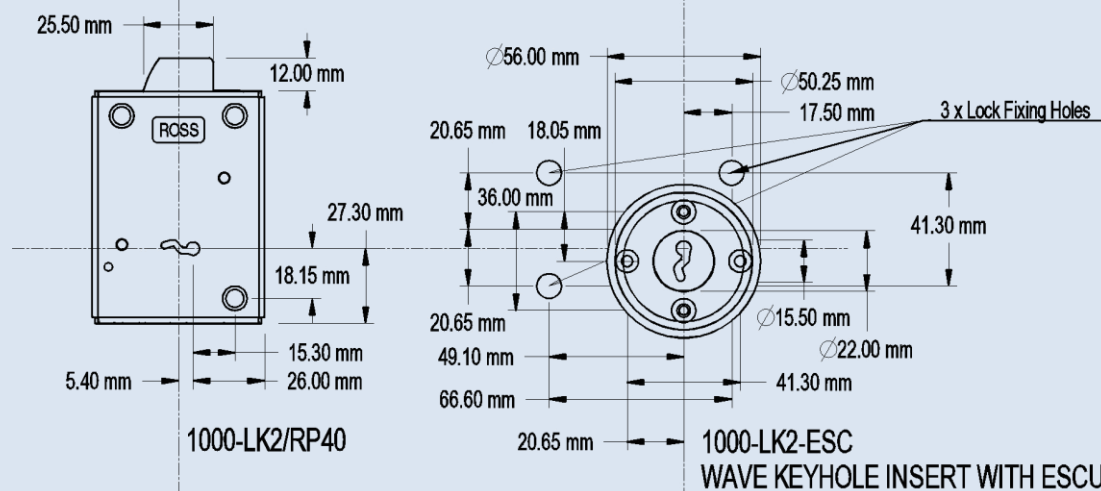
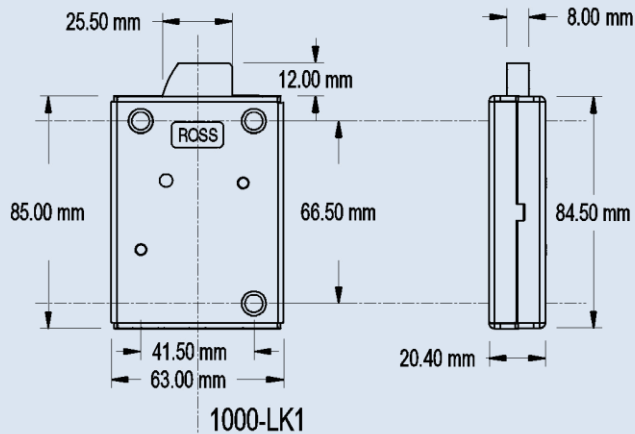
**1000-LK4 ( BRAMAH) Safe Lock**

### Product Benefits

- The Bramah override element can be supplied KD, KA or MK lock sets.
- The stainless-steel keys are available in lengths from 37mm to 230mm long.
- The unique key dimensions allow retrofit without drilling to enlarge or modify existing spindle holes.
- The (7) slide highly attack-resistant mechanism is supplied by Bramah of London, the world's oldest patent lock manufacturer and offers in excess of half a million key variations.
- The lock-case comes complete with (2) drilled and tapped 'Re-Locker' holes.

## Electronic 'Bolt-On' Handing Option

### Bolt-On Options



### PRODUCT CODING STRUCTURE