



Operating Instructions – AMSEC 5-Button Electronic Lock - Model 5BE

Quick Reference

To **Open the Lock** on the factory code:

Press 1-2-3-4-5 and then turn knob clockwise about 90 degrees.

To **Set the Primary Code**:

Lock the safe OPEN. Press the change button *once*; then enter 5 keystrokes for the new primary code. Test the new code.

To **Set the Backup Code**:

Lock the safe OPEN. Press the change button *twice*; then enter 8 keystrokes for the new backup code. Test the new code.

To **Set the Features**:

Press the change button *three times*.

One Beep = On, Two Beeps = Off

Button 1 = Optional LED Lighting.

Button 2 = Beeper.

Button 3 = Duress Signal.

Button 4 = Open Door Signal Stay-On

Button 5 = Reset all features and Primary Code to Default.

Press the Change Button to finish and save the changes.

To **Send a Duress (Silent) Signal**:

Enter your code (primary or backup), then press keys 1 and 5 simultaneously within three (3) seconds of your final keystroke, then turn the knob to open.

NOTICE: The 5BE Digital Lock has TWO (2) operating combinations, a Primary Code for everyday use, and a Backup Code for you to use in the case you forget or make an error changing your Primary Code. **ALL LOCKS HAVE THE SAME BACKUP CODE.** To insure security, you **MUST** set a unique Backup Code and store it in a secure location (not inside the safe).

Detailed Instructions

The AMSEC 5BE lock is an electronic light-duty safe lock. This lock provides for quick access to a security container with high reliability and little effort. Specifications and operation subject to change.

Operating Information

- There are two programmable “codes” in the lock; a “Primary” code that requires five (5) keystrokes, and a “Backup” code that requires eight (8) keystrokes.
- A “Keystroke” can be one button, or two buttons pushed simultaneously.
- The Buttons are numbered 1 thru 5 starting at the button furthest from the knob.
- The “Primary” code is for everyday use. The “Backup” code is provided so the user can have a means to access the safe in the event they forget their Primary Code. The Backup Code should be set to some unique combination, and kept in a secure location (not inside the safe).



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- The “Factory” Primary code is **1 – 2 – 3 – 4 – 5**.
- The Backup Code is not kept at the factory. Every 5BE lock comes with the same Backup Code. Please set your own unique Backup Code to insure security.
- The *Factory Default* Backup Code is **1 – 5 – 2 – 4 – 3 – 1/5 – 2/4 – 3**, where the X/X numbers are Keystrokes that are pressed simultaneously. *The consumer should change this code to provide optimum security.*
- The 5BE lock can be programmed (see Programming Section).
 - The lock can be programmed for Silent Mode, where the beeper will not sound during normal operation.
 - The optional LED Lighting Lamps can be turned on or off.
 - The optional Duress Alarm feature can be turned on or off.
 - The Open Door Alarm signal can be programmed to persist beyond the power-saving shutdown time.
- The 5BE lock has a Penalty Lockout feature to prevent tampering (code testing).
 - This feature will cause the lock to stop accepting input for five (5) minutes after four (4) incorrect opening attempts.
 - While in Penalty Lockout, the lock will respond to any keystroke with eight (8) rapid flashes of the red LED lamp, along with beeps (if the beeper is turned on).
- While in Penalty Lockout, the LED lamp will flash once every five (5) seconds and beep (if the beeper is turned on).
- When a correct code has been entered, Primary or Backup, the Red LED Lamp will light for three (3) seconds, indicating the lock can be opened.
 - To open the lock, turn the knob Clockwise 90 degrees.
- The 5BE lock uses a standard 9VDC Alkaline Battery.
 - We recommend Duracell® or Eveready Energizer® batteries for best performance.
 - The battery is located inside the internal lock body, at one end, under a hatch.
 - To replace the battery, pull the hatch open and remove the battery from the cavity. Unclip it from the terminals, and clip on a new battery, tuck the wires in neatly and press firmly to close the hatch.
 - The 5BE lock should open approximately 5000 times with fresh, good quality batteries, depending on installed options and user habits.
- The 5BE lock provides a backup power port to prevent lockout if the internal battery is allowed to go dead.
 - Under a door next to the knob on the keypad, you will find terminals to allow connection of a fresh secondary 9VDC battery.
- Loss of power will not erase codes. The 5BE lock uses “non-volatile” memory.
- On the side of the lock body, you will find a small black button used to program codes and features.
- The 5BE lock provides two auxiliary outputs for connection to alarm or monitoring services.
 - There is a four (4) position socket in the side of the lock body to provide connections. An optional cable is available to plug into this port for installation connection.
 - Two outputs are provided; one for “Duress Alarm” signaling and the other for “Open Door” signaling.



- The outputs are solid state switches, and therefore are polarity sensitive and can only be used to switch DC signals. Do not connect any AC power source to these ports.
- The output ports are rated for 12 VDC, 500 mA maximum. Exceeding the rated current or voltage will damage the lock, and possibly cause a lockout. If you must connect to a high-load device, use the 5BE output to drive a low-voltage relay for proper isolation.
- This lock is not waterproof, and is not intended for outdoor use. Exposure to extreme conditions or excess moisture may cause a malfunction, and will void the Manufacturers Warrantee.
- The 5BE Lock has a power-saver feature that puts the lock in sleep mode after 30 seconds if it has been left unlocked.
 - Note that the Open Door Alarm signal will terminate when the lock goes into sleep mode. If you require the Open Door Alarm to persist, you must turn on the Open Door Alarm Persist feature (Function 4) so the signal will continue indefinitely while the safe is left unlocked. See the Programming Section for details.
- You may return the 5BE lock to factory default settings with Programming Function 5. CAUTION: This feature will reset BOTH the Primary Code and the Backup Code to factory.

Optional Features and Operation

The 5BE lock provides advanced optional features, **LED Lighting**, **Duress Alarm** and **Open Door Signaling**.

LED Lighting is an optional piece of equipment (sold separately or equipped on some models) that provides a light source when the safe is open.

- The LED Lamp Option plugs into a two (2) pin port on the side of the lock.
- The LED Lamp Option consists of a pair of high intensity white LED Lamps in a wired housing that can be attached to the safe in an appropriate position to provide light inside the safe when it is open.
- The LED Lamp Option must be turned ON to operate. See Programming Section.
- The LED Lamp will turn on when the lock is opened, and remain on for 30 seconds (until the lock goes to sleep). If you press any keypad buttons, the light will turn on again for another 30 seconds. A key-press while the lights are on will restart the 30 second power-saver timer.
- Use of the LED Lamp Option will diminish the cycle life of the batteries by some factor, depending on use frequency and duration.

Duress Alarm (a.k.a. Silent Signal Alarm) is a feature that allows the user to signal secretly they are in a troubled condition, such as a robbery or an intruder in the home.

- Provides a silent and safe means to summon help in an emergency.
- The Duress Alarm feature must be turned ON to provide signaling. See Programming section for details.



- The Duress Signal can be sent without an observer realizing a signal has been activated.
- The Duress Signal is activated by pressing 1 and 5 keys simultaneously after the final Keystroke of a valid code.
- The lock will respond and open normally when the Duress Signal has been activated.
- Requires hard-wiring to an alarm system that has appropriate capabilities and is monitored for emergency response.
- The Duress Signal output makes a connection for three (3) seconds when activated.

Open Door Signaling is a feature that provides an output signal whenever the lock is in an open condition, so that an Alarm System can notify the user or a monitoring service that the safe is unlocked.

- A microswitch inside the lock detects the position of the locking bolt, and this position sensing is provided as an output signal in the output port.
- The output is turned ON when the lock is unlocked, and remains on for 30 seconds until the lock goes to sleep.
- If the lock has gone to sleep (over 30 seconds in an open condition), the lock sends a two (2) second signal when the lock is locked.
- Requires hard-wiring to an alarm system that has appropriate capabilities.
- If you require the Open Door Alarm to persist beyond the power-saver shutdown period (30 seconds), you must turn on the Open Door Alarm Persist feature (Function 4) so the signal will continue indefinitely while the safe is left unlocked.
 - **NOTE:** This feature will cause the lock to draw far more power if left unlocked for extended periods. This feature prevents the lock from going to sleep, so the Open Door Output can continue to provide a signal.
 - When Function 4 is ON, the lock will chirp every 5 seconds while it's open to remind you to lock the safe.
- The 5BE lock can be wired as a zone on your alarm system so that you will be notified of an unlocked safe when you attempt to arm your alarm system. This requires Function 4 to be ON.
- A long low-tone sound will be made when you attempt to open the lock and it's already open.
 - This fail-safe feature allows the lock to operate if the bolt-sensing microswitch fails.
 - If your lock was truly locked, and it makes the long-low tone upon opening, the bolt-sensing micro switch in the lock has failed. Seek Service immediately.

Programming

The 5BE lock is programmable, so the user can change codes and control features.

To Set the Primary Code:

1. Lock the safe OPEN.
2. Press the change button **once**.
3. Enter five (5) keystrokes for the new primary code.
4. Test the new code.



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To Set the Backup Code:

1. Lock the safe OPEN.
2. Press the change button **twice**.
3. Enter eight (8) keystrokes for the new backup code.
4. Test the new code.

To Set the Features:

- Press the change button **three times** to activate the feature programming mode.
- The features are “assigned” to individual buttons on the keypad when you are in the feature programming mode.
- A feature is turned ON by pressing the button for that feature and the unit sounds *one (1) beep*.
- A feature is turned OFF by pressing the button for that feature and the unit sounds *two (2) beeps*.
- Repeated pressing of a feature button will toggle the feature ON/OFF
- Button Assignments are:
 - Button 1 = Optional LED Lighting.
 - Button 2 = Beeper.
 - Button 3 = Duress Signal.
 - Button 4 = Open Door Signal Stay-On
 - Button 5 = Reset all features and Primary Code to Default.
- When finished with programming, press the Change Button again to save the setting changes. The red LED lamp on the keypad will shut off.