



“Security That Listens”
MODEL: KSL-03



SCAN ME

www.knoxkey.com



What's KnoxKey???

KnoxKey is a smart door locking system that provides dual authentication using a secret knock pattern and a keypad-based PIN. This system improves security by allowing access only to authorized users.

System Features

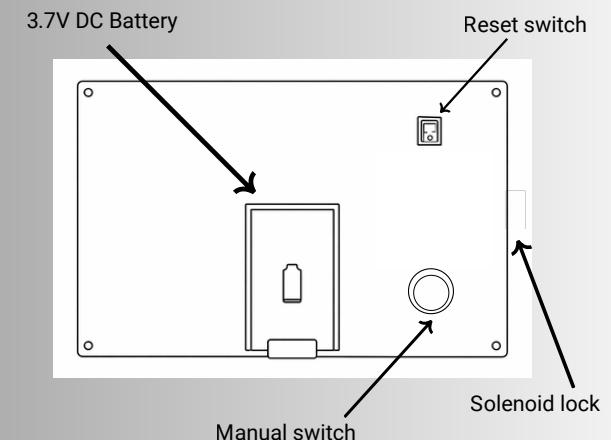
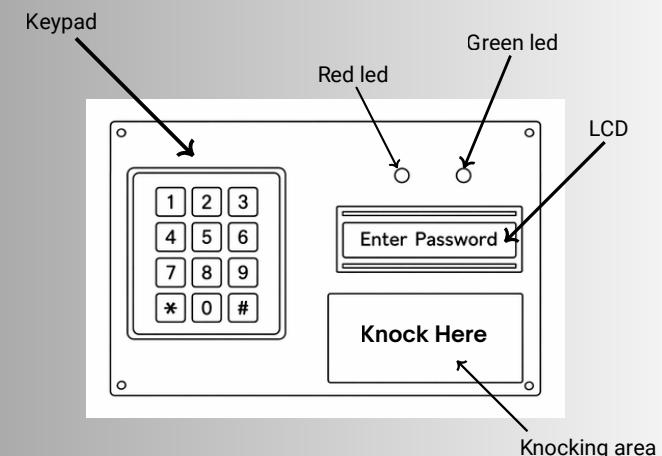
- Knock pattern recognition
- Keypad-based password entry
- Automatic mode switching
- Visual LED feedback
- Resetting support

What's in the Box

- ✓ KnockSafe Lock Unit
- ✓ Mounting enclosure
- ✓ Power supply
- ✓ User Manual
- ✓ Warranty Card



Description of Parts



Operating Instructions

Normal Operation

1. User enters knock pattern
2. If correct → door unlocks
3. If incorrect 3 times → keypad mode activates

Keypad Mode

1. Enter PIN using keypad
2. Default PIN: 123
3. Correct PIN unlocks the lock

Reset Modes

- Knock reset button → resets only knock pattern
- Keypad reset mode → resets password after verification

LED Indications

- Green LED – Access granted
Red LED – Access denied
Blinking LED – Reset mode

Technical Specifications

Controller: Arduino / ATmega328P

Sensor: Piezoelectric knock sensor

Input: 4x4 Keypad

Output: Relay-controlled door lock

Supply Voltage: 3.7V DC

Safety & Maintenance

- ⚠ Do not expose to water
- ⚠ Avoid physical impact
- ✓ Periodic testing recommended



Download

To further customize your settings, please visit our website and download the software. (if applicable)



Developed by:

Dept. of EEE, University of Peradeniya