

closing the door to make sure the code is correct.

- b. Operations between adjacent steps need be finished in 10 seconds. Otherwise, the system sets back to standby status.

Specifications:

Power Supply:	DC 9V
Power Supply Range:	DC 4.5V-12V
Standby Current :	<15 μ A
Active Current:	<20mA
Battery Low Voltage:	5.2 \pm 0.2V
Working Temperature:	0 $^{\circ}$ C ~ +49 $^{\circ}$ C
Working Humidity (max):	<90%
Password Length:	6 Digits
Mechanical System Life Span:	
	>10,000 Cycles (evaluated by UL)
	>100,000 Cycles (not evaluated by UL)

SecuRam Systems Inc. U.S.A.

Operating and Installation Instructions

Model: ECSL-0601A Electronic Combination Controller

ATTENTIONS:

- *For indoor use only.*
- **Battery Low Voltage: 5.2 \pm 0.2V.** The display will alert low battery when battery voltage reaches 5.2 \pm 0.2V. **PLEASE REPLACE THE BATTERY IMMEDIATELY.**

Battery Replacement Instructions

- 1) In the back of Entry Pad you will see one 9 V alkaline battery. Take the battery out of the battery compartment. Gently pull on the battery until it drops out.
 - 2) Gently remove the connector by unsnapping it from the two terminals on the top of the battery.
Never Pull on the Battery Leads
 - 3) Connect a new 9V Alkaline battery to the battery clip.
 - 4) Put the battery and the leads completely back into the battery compartment.
- *Mounting and wiring refer to the instruction in this manual*

FEATURES:

1. Manufacturer default 1-2-3-4-5-6

2. Function of Code

- a. Unlock
- b. Change code

3. Wrong Entry Penalty

Entry of four (4) consecutive invalid codes results in a 5-minute delay period.

- i. The unit beeps at 5 second intervals.
- ii. During delay period, removing batteries, the entry pad stops counting time; reinstalling batteries, the entry pad continues to count down until 5 minutes delay period finishes.

4. Standby Status

The entry pad will turn into a standby status with a long beep sound if there is no operation in 10 seconds after the system is activated.

5. Automatic Re-lock

The entry pad will re-lock in 4 seconds after a valid entry is made and the door is open.

6. Low Battery Alert

- a. Entry pad repeated beeping during an unlocking indicates that the battery is low and needs immediate replacement.
- b. Manufacturer recommends the use of 9-Volt premier alkaline batteries and an annual maintenance replacement of the batteries.

USER OPERATING INSTRUCTIONS

1. ALWAYS PERFORM OPERATIONS WITH THE ENTRY PAD UNLOCK.

2. Before closing the door, make sure all the changes are correct.

3. Do not set the user code to six "0".

1. Change Code

- a. Enter "0" six times. One Beep sounds, which indicates the entry is valid and the system is awaiting the code changing.
- b. Enter the existing six (6) digits code one time. One Beep sounds, which indicates the entry is valid.
- c. Enter a new six (6) digits code one time. One Beep sounds, which indicates the entry is valid.
- d. Re-enter the new six (6) digits code. One Beep sounds, which indicates the codes entered in steps c and d are the same and the code changing process is successful.
- e. If Three Beeps sound, the changing process fails. The existing code is still valid. Repeat steps a to d.

Note:

- a. Verify the new code at least 3 times before