LG® **MODEL 3045**
HAND-HELD PROGRAMMER
OPERATING INSTRUCTIONS

One (1) 9-Volt
Alkaline Battery
(user-supplied) →

ALKALINE
9V

01:01

FEATURES   FEATURES CODES

- **MANAGER MODE**   0
    Add/Temporarily Disable/Remove second user.

- **TIME DELAY OVERRIDE**   1
    Ability to add second combination to override Delay period.

- **DUAL COMBINATION**   2
    Two combinations required to open.

- **SILENT SIGNAL ALARM** *(Optional Alarm Box Required)*   3
    Duress Signal if last number of combination(s)
    entered one number higher or one number lower.

- **REMOTE OVERRIDE SIGNAL** *(Optional Alarm Box Required)*   7
    Two combinations OR remote signal plus primary user
    combination required to open.

- **TIME DELAY** *(LCD displays Delay/Open time.)*   **01:01**
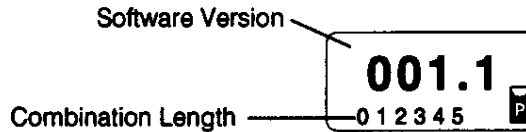   "Delay" 1-99 minutes, "Open" 1-19 minutes.

SET PROGRAMMER SWITCHES AND FEATURE TRANSMISSION
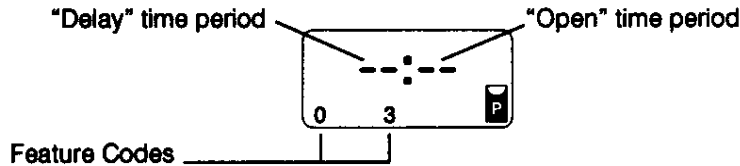*(See Switch Diagram on back page.)*

- Turn ON switch(es) to select features and/or Delay and Open time periods.
  – Only Silent Alarm and Time Delay may be used with other features.

- Connect Programmer to Combination Lock.

- **INITIAL SET-UP:** Enter factory-set Programmer combination, 1-2-3-4-5-6.
  FIELD SET-UP: Enter lock's Primary combination.

  – During combination entry
  LCD will display:

  Software Version
  ```
  001.1 P
  0 1 2 3 4 5
  ```
  Combination Length

  – If combination is invalid, LCD will display "Err" then go blank. If 4
  consecutive invalid combinations entered, LCD displays "Pen".
  5-minute Time Penalty starts.

- **If combination is valid,** LCD displays Programmer switch settings as
  follows: *(See Page 1 for feature codes.)*

  "Delay" time period   "Open" time period
  ```
  - - : - -
      0    3    P
  ```
  Feature Codes

  – Incorrect feature selection: Applicable Feature Codes will flash.
  PRESS 9 to escape. Reset switches and restart procedure.

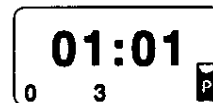- To transmit to lock, Press 0 and **HOLD** until LCD displays:

  ```
  donE
  ```

- **Faulty transmission to lock,** LCD displays:
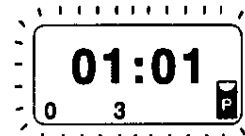
  ```
  FAIL
  ```

  – Check lock connection, switch settings, batteries, and restart procedure.

TO VERIFY SWITCH SETTINGS AT ANY TIME:

- Connect Programmer to lock. Enter lock's primary
  combination. LCD displays Programmer Setting. Example:
  ```
  01:01 P
  0   3
  ```

- **PRESS 1.** LCD displays lock setting. Example:
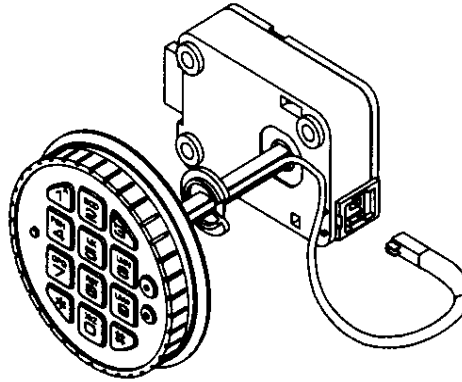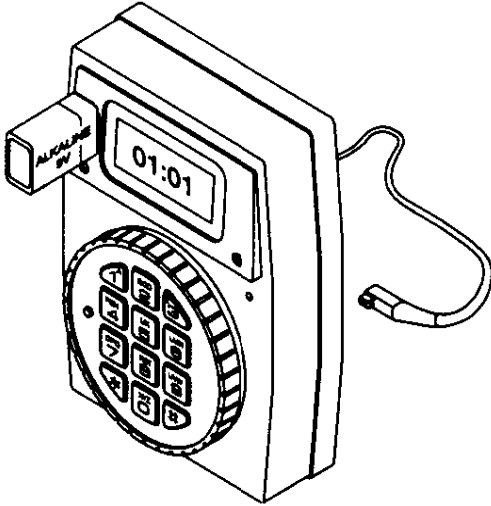 ```
  01:01 P
  0   3
  ```

  – If Programmer is not connected to lock, **PRESS 33.**
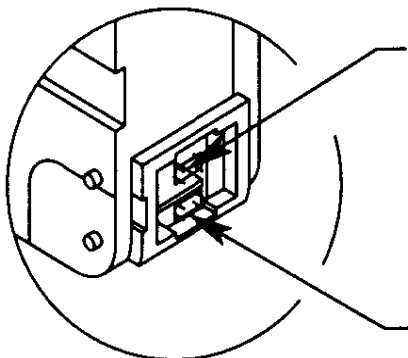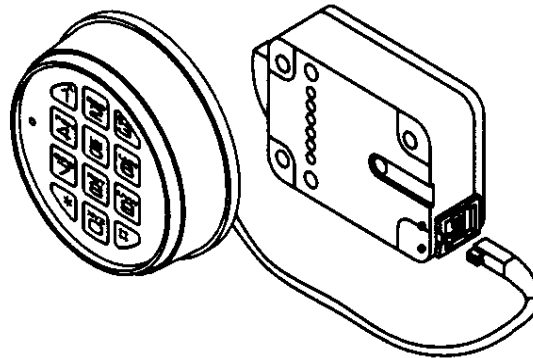  LCD will display Programmer switch settings.

# HAND-HELD PROGRAMMER/LOCK CONNECTIONS

**COMBOGARD**
**MODEL 33E-1** *Deadbolt*
**MODEL 33E-2** *Springbolt*

**MODEL 3045** *Hand-Held Programmer*
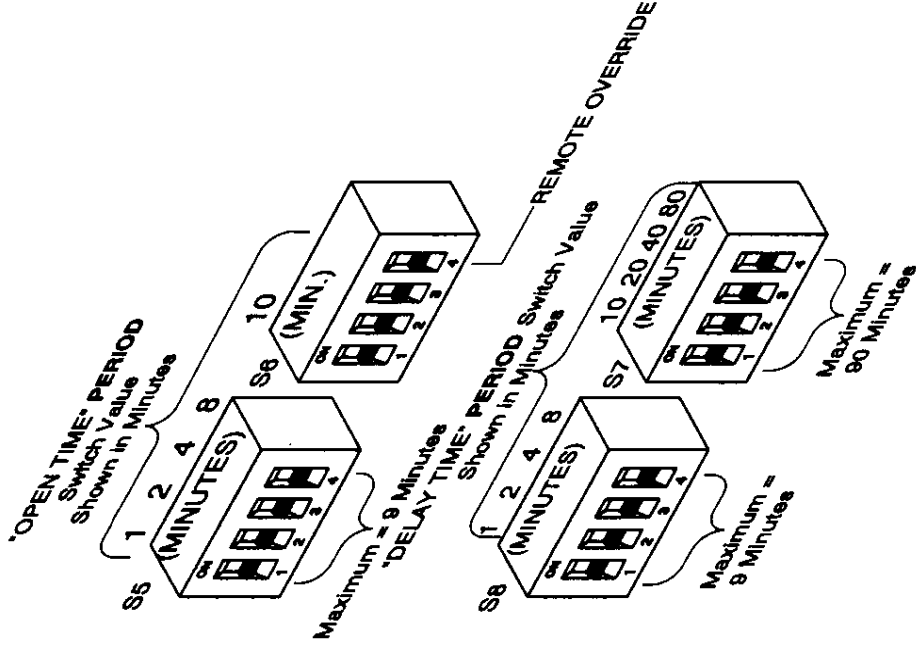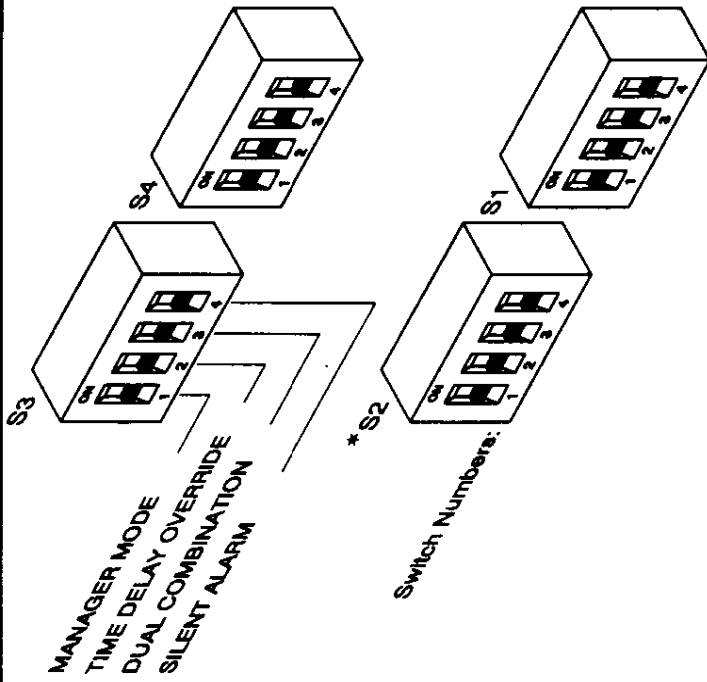
01:01

**SAFEGARD**
**5010** *Swingbolt Lock (RH)*
**5015** *Swingbolt Lock (LH)*
**2870** *Motor Lock (Deadbolt)*
**2888** *Motor Lock (Springbolt)*
**2441** *Redundant Mechanical Lock*

Connection to Battery Box
or
Alarm/Battery Box (Optional)
(See Lock Operating Instructions)

Connection to Programmer

# PROGRAMMER SWITCH DIAGRAM

"OPEN TIME" PERIOD
Switch Value
Shown in Minutes

1  2  4  8
(MINUTES)
S5

10 (MIN.)
S6

Maximum = 9 Minutes

REMOTE OVERRIDE

"DELAY TIME" PERIOD Switch Value
Shown in Minutes

1  2  4  8
(MINUTES)
S8

10  20  40  80
(MINUTES)
S7

Maximum = 9 Minutes

Maximum = 90 Minutes

S4

S3

S1

MANAGER MODE
TIME DELAY OVERRIDE
DUAL COMBINATION
SILENT ALARM

Switch Numbers:

*S2

(switches shown in OFF position)

*Switch block number