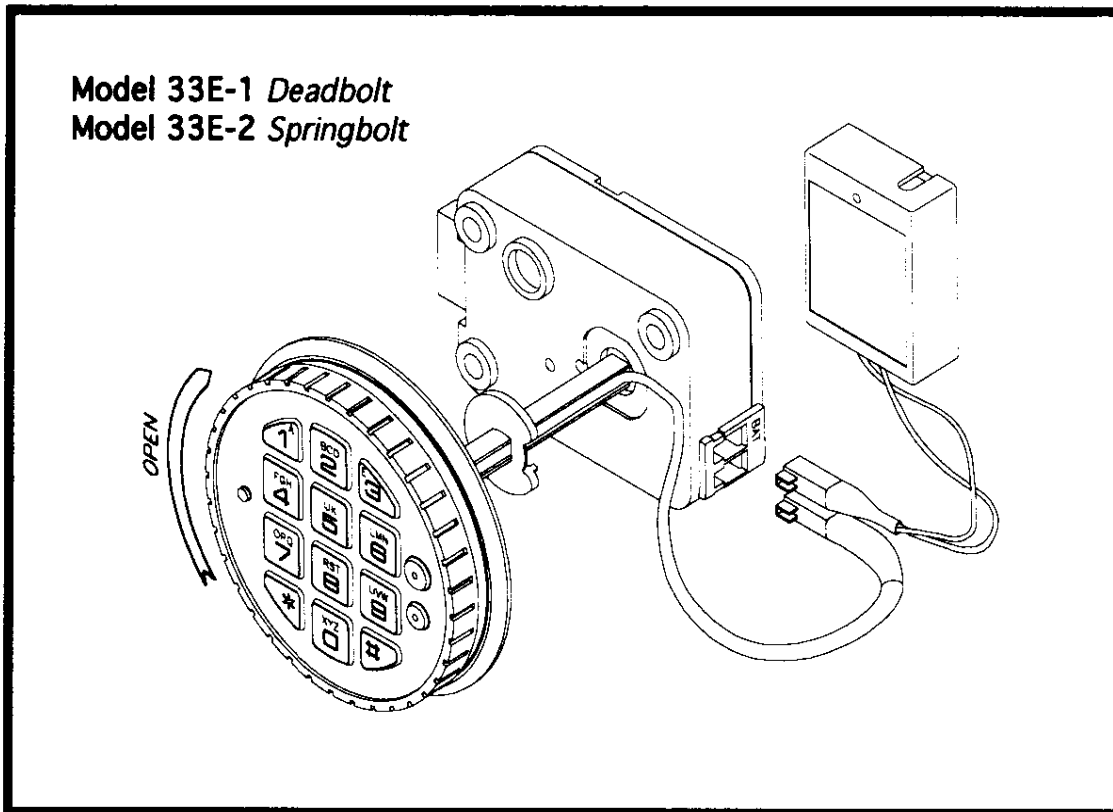




# COMBOGARD

## 33E SERIES COMBINATION LOCK

### OPERATING INSTRUCTIONS



#### FEATURES

*(May be activated at any time, by authorized service only.)*

- | FEATURES   | ACTIVE                   |
|--|--------------------------|
| • <b>MANAGER MODE</b><br>Add/Temporarily Disable/Remove second user.   | <input type="checkbox"/> |
| • <b>TIME DELAY OVERRIDE</b><br>Ability to add second combination to override Delay period.  | <input type="checkbox"/> |
| • <b>DUAL COMBINATION</b><br>Two combinations required to open.  | <input type="checkbox"/> |
| • <b>SILENT SIGNAL ALARM</b> <i>(Optional Alarm Box Required)</i><br>Duress Signal if last number of combination(s) entered one number higher or one number lower. | <input type="checkbox"/> |
| • <b>REMOTE OVERRIDE SIGNAL</b> <i>(Optional Alarm Box Required)</i><br>Two combinations OR remote signal plus primary user combination required to open.          | <input type="checkbox"/> |
| • <b>REMOTE DISABLE</b> <i>(Optional Alarm Box Required)</i>   | <input type="checkbox"/> |
| • <b>TIME DELAY</b><br>"Delay" period 1-99 minutes, "Open" period 1-19 minutes.  | <input type="checkbox"/> |

**CHANGING COMBINATIONS** *(Lock signals twice after each valid entry.)*

- Enter six zeros.
- Enter old combination once.
- Enter new combination twice.
  - **Invalid Combination Entry** - Lock signals three times and old combination still valid.

**ADD SECOND USER** *(If manager, time delay override, remote override, or dual combination features activated.)*

- Enter primary user combination. HOLD DOWN LAST DIGIT OF COMBINATION until lock signals with **TWO** double beeps.
- **PRESS 1.** Lock signals twice.
- Enter second user combination twice. Lock signals twice after each valid entry.

**DISABLE SECOND USER** *(Manager feature only.)*

- Enter primary user combination. HOLD DOWN LAST DIGIT OF COMBINATION until lock signals with **TWO** double beeps.
- **PRESS 2.** Lock signals once.
- Second user is temporarily disabled.

**REINSTATE DISABLED USER** *(Manager feature only.)*

- Enter primary user combination. HOLD DOWN LAST DIGIT OF COMBINATION until lock signals with **TWO** double beeps.
- **PRESS 1.** Lock signals once.
- Second user is reinstated.

**REMOVE SECOND USER** *(Manager feature only.)*

- Enter primary user combination. HOLD DOWN LAST DIGIT OF COMBINATION until lock signals with **TWO** double beeps.
- **PRESS 3.** Lock signals once.
- Second user is permanently removed.

**DUAL COMBINATION OPERATION** *(If feature is active.)*

- Must add second user to open lock. (See ADD SECOND USER)
    - Second user can not be disabled or removed.
  - If Time Delay is active, one valid combination will start Delay period.
    - Both combinations required to open lock in Open period.
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**TIME DELAY** *(If feature is active. Delay/Open times may be changed by authorized service only.)*

- Enter valid combination.
  - Delay period starts.
  - LED flashes red at one second intervals.
  - If valid combination entered during delay, Delay period restarts.
  - If invalid combination entered during delay, Delay period aborts.
- At end of delay period, Open period starts.
  - LED flashes red at 1/2 second intervals.
  - Lock beeps at 10 second intervals.
- During Open period, enter valid combination(s).
  - If invalid combination entered during open, Open Period continues.
  - If four consecutive invalid combinations entered Wrong Try Penalty starts.

**TIME DELAY OVERRIDE** *(If feature is active.)*

- Must add second combination. (See ADD SECOND USER)
  - Second combination can not be disabled/removed.
- Entry of override combination during Delay period will open the lock.

**SILENT SIGNAL ALARM** *(If feature is active AND optional Alarm Box connected.)*

- Enter last digit of combination(s) one number higher or one number lower.
 

<i>Example:</i>	Combination	1-2-3-4-5-6
	Duress	1-2-3-4-5-7 or 1-2-3-4-5-5

**REMOTE OVERRIDE SIGNAL** *(If feature is active AND optional Alarm Box connected.)*

- Remote signal plus primary user combination will open lock.
- If remote signal not active, needs a second user to open. (See ADD SECOND USER)
  - Second user can not be disabled/removed.

**WRONG TRY PENALTY** *(Standard feature.)*

- Entry of four consecutive invalid combinations initiates a 5-minute delay period. - LED flashes red at 10 second intervals.
  - At end of penalty period, two more consecutive invalid combinations will restart the 5-minute delay period.
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### CHANGING BATTERIES

- Repeated Beeping during an opening indicates that **battery is Low** and needs immediate replacement!
- Use one (1) 9-Volts Alkaline Battery or six (6) 1.5-Volts Alkaline Batteries Size C.

**Model 2788 Battery Box**  
(Standard)

**Model 4001 Large Battery Box**  
(Optional)

### OPTIONS

**Model 2789 Alarm/Battery Box**  
(Optional)

**Model 4002 Large Alarm/Battery Box**  
(Optional)

#### MODEL 2789 ALARM CONNECTIONS

4 wires 26 AWG.

**Alarm Relay Connections:**  
 Red + Black = Normally Open (NO) or Normally Closed (NC)  
 Relay contacts - Settable  
 50 VDC @ 0.25 Amp Max load

**Inputs Disable or Remote Override**  
 Yellow = Positive input  
 Green = Negative input  
 5-12 VDC @ 20 mA Max input

PC Board

Relay Jumper Position  
 NC - (right pos.)  
 NO - (left pos.)

#### MODEL 4002 ALARM CONNECTIONS

Alarm Relay  
 Out - 50 VDC @ 0.25 Amp Max  
 Input - 5-12 VDC @ 20 mA Max

**Inputs Disable or Remote Override**

Alarm Relay Jumper Position  
 NO - (right pos.)  
 NC - (left pos.)

Connection To Lock