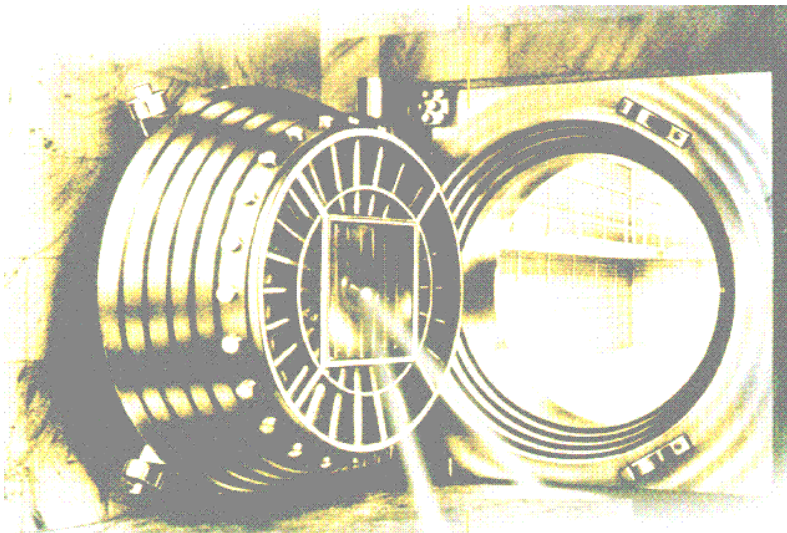




# 104W / 106W Electronic Movements for Diebold and Mosler cases

- ◆ Set current day and time
- ◆ Set standard week
- ◆ Lock the Timelock
- ◆ Set intermediate opening
- ◆ Cancel a scheduled opening
- ◆ Adjust daylight savings time
- ◆ Cancel time locking
- ◆ Warranty policy



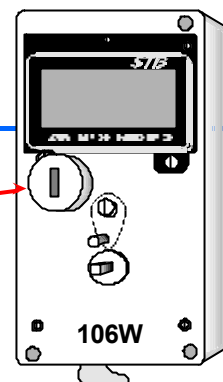
# 104E / 106E ELECTRONIC MOVE-

## Introduction

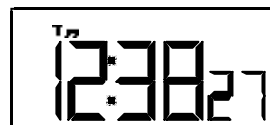
The operational features of the STB Model #104W and #106W Electronic Movements have been directly taken from the STB #134 Electronic Movement.

Their plates and release principle have been designed to match with respectively Mosler and Diebold Timelocks footprint and their force has been adapted accordingly.

## Set current day and time



1. Rotate battery retainer cap counter-clockwise and remove.
2. Insert battery
3. Replace battery retainer cap and rotate clockwise to the stop position.
4. Turn key one FULL turn to the left (CCW)
5. When **Mon** flashes, turn key until the current day is displayed. Stop turning.
6. When **Hours** flash, turn key to current hour. Stop turning
7. When **Minutes** flash, turn key to current minute. Stop turning.
8. The display will flash for 10 seconds. During the 10 second wait, turning the key will allow changes to be made. After 10 seconds, the spring will unwind, setting the day and time. If the day or time is still incorrect, remove the battery and start over.



## Set standard week

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After setting Day and Time, turn key one full turn to the left (CCW)

**Mon** will flash for 3 seconds, followed by **Hours** flashing. Turn key until the desired opening hour is displayed for Monday.  
Stop turning.

**Minutes** will flash.  
Turn the key until the desired opening time for Monday is displayed.  
Stop turning.

A **Solid Bar** will appear above the day of the week for which the opening time has been set (Mon).

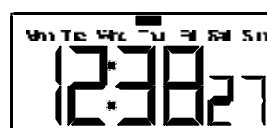
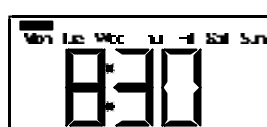
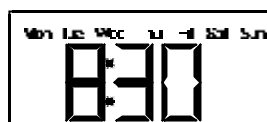
Repeat the process for the other days of the week.

A different time may be set for each day. If the opening time is set at 00:00, no bar will be displayed above the day of the week.

The display will now run through the standard opening times for the week two more times to allow changes to be made. To make changes, turn the key when the appropriate display is flashing.

The spring will unwind, returning the display to the current day and time.  
The opening times for the week are set.

**NOTE: All movements in the TimeLock must be set the same**



## Lock the Timelock

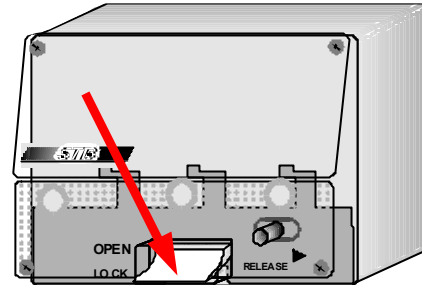
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Once, the Time Lock has been set for a standard week, the following operations may be performed:

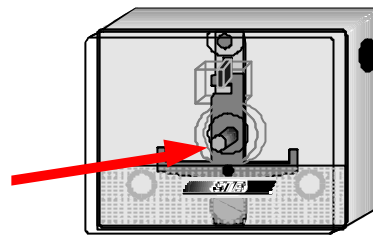
1. Lock Time Lock (Set)
2. Set an intermediate opening time (short time in the lock)
3. Cancel a scheduled opening (holiday skip)
4. Adjust the current time for daylight savings time
5. Cancel Lock.

# 104E / 106E ELECTRONIC MOVE-

Turn the key one full turn to the left (CCW) on each movement. The **Next Day** the lock is set to open will flash, and the opening time will be displayed. After one minute, the movements are set.



Slide lever/press button on the front of lock to locked position.



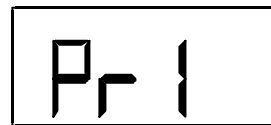
## Set intermediate opening time (short time)

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This feature allows to lock for a period of time during normally open hours. For example, if the lock normally opens at 8:30 every day but it is required to lock up until 3:00 PM (15:00 hours), it is possible do so using the Intermediate Opening time feature.

Turn the key one full turn to the left (CCW). The display will show the next scheduled opening day and time. Wait 10 seconds (10 flashes).

Turn the key slowly in either direction 3-4 times until the display shows **PR 1**. Stop turning.



**Hours** will now flash.

Turn the key until display shows 15:00 hours. Stop turning.

The time will flash for 10 seconds, during which time you may change the time or cancel the function.

(See Cancel Lock).

Set the new opening time on each lock.



Slide lever/press button on the front of lock to locked position.

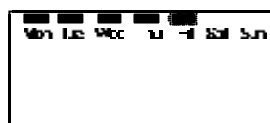
## Cancel a scheduled opening (Holiday skip)

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Turn key one full turn to the left (CCW) and wait 10 seconds (10 flashes). Turn the key until **PR 1** is displayed (3-4 turns). Continue turning the key until **PR 2** is displayed. Stop turning.



The **Days of the Week** will flash in sequence. Wait until **FRI** flashes. Turn the key once. The **Bar** above Fri will disappear.



The entire **Week** will flash for 10 seconds during which time changes may be made by turning the key.

When the spring unwinds, the lock is set to skip Friday's opening.

## Adjust daylight savings time

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Follow directions in step 1 above but continue turning the key until **PR 3** appears. Stop turning.



When the **Hour** flashes, it may be advanced or retarded one hour. Wait then seconds. The spring will unwind returning the display to the current day and **new** time.



## Cancel Time Locking

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Follow directions in step 1 above but continue turning the key past PR 3 until **134 A** is displayed.



Stop turning.

The spring will unwind returning the display to the current day and time.

134A is the Movement software

## Notes

*STB microtechniques electronic Timelock movements are precision instruments which are highly accurate and dependable when given minimal care. The following are guidelines which will ensure years of trouble free service.*

- 1. Model 114E and 134 electronic Timelock Movements are designed for use in industry accepted (U.L. approved) Timelock cases which utilize the original Yale screw mounting pattern. Installation in any container other than accepted Timelock cases exposes these movements to potential damage, may cause a lock-out of the secured container and voids the warranty.*
- 2. Operating temperature ranges are 0° to +30° Celsius (+32° to +86° Fahrenheit). Relative humidity should not exceed 85%.*
- 3. Varta Button cells are the recommended replacement battery for STB electronic Timelock movements. Duracell button cells may be substituted when Varta is not readily available. No other brand or type cell should be used. Battery life is dependent on the frequency of use, temperature and the overall condition of the Timelock movement. Though a fresh cell can render up to 2 years of satisfactory service, the prudent approach is to replace all batteries annually.*

Except for replacing the power cell, there are no end-user serviceable components in STB model 114E or 134 electronic Timelock movements

## Warranty

*STB microtechniques model 114E or 134 electronic Timelock movements are warranted for one year to be free from manufacturing defect.*

*Any movement which proves to be defective during this time period should be returned to the place of purchase, freight paid, with a complete explanation of the failure. At the option of the manufacturer, the movement will be repaired or replaced at no cost to the original purchaser.*

*Customer abuse, neglect or unauthorized modifications, service, repair, act of war, acts of nature are not covered by this warranty. Consequential damages which may arise through the use or misuse of these products shall not be borne by the manufacturer or his agents.*

*Except as noted herein, there is no other warranty expressed or implied. The manufacturer reserves the right to amend, alter, extend or deny warranty coverage at his option without prior notice.*

## ***STB microtechniques sa***

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