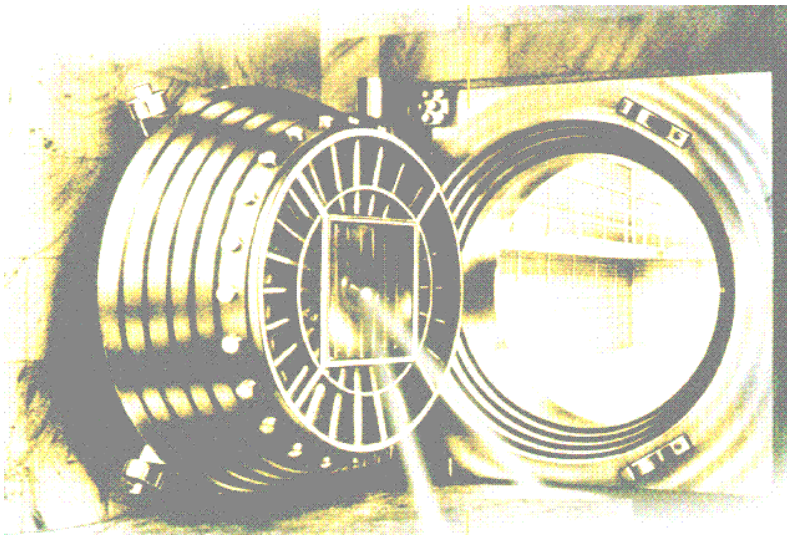


104E / 106E
Electronic Movements
for Diebold and Mosler cases

- Introduction
- Programming Instructions
- Battery Installation
- Extended hours
- Warranty policy



104E / 106E ELECTRONIC MOVEMENTS

Introduction

The operational features of STB Models 104E and 106E electronic Movements have been directly taken from STB #114E electronic Movement

In addition, Models #104E and 106E electronic Movement, due to their digital liquid crystal display and quartz technology, combine simplicity of operation with exceptional readability and opening accuracy not obtainable in standard mechanical movements.

Model	Features
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104E-1010 / 106E-1010

- ◆ Selected hour and minute value may be reset at anytime. (Standard operation for resettable mechanical rewind movements).
- ◆ Maximum locking time - 199 hrs

104E-1020 / 106E-1020

- ◆ Selected hour and minute value are not resettable after one 1 minute delay. (Standard operation for fixed mechanical movements).
- ◆ Maximum locking time - 199 hrs

104E-1030 / 106E-1030

- ◆ Identical to 1010
- ◆ Maximum locking time - 999 hrs

104E-1040 / 106E-1040

- ◆ Identical to 1020
- ◆ Maximum locking time - 999 hrs

Programming instructions

1. Insert wind key and rotate counter-clockwise approximately on full turn to arm the movement.



2. Rotate wind key clockwise until required hour and minute values are displayed.

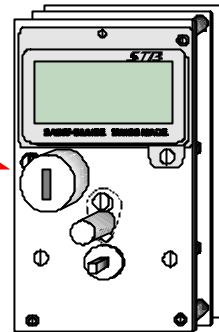


3. Remove wind key

104E / 106E ELECTRONIC MOVEMENTS

Battery Installation

1. Rotate battery retainer cap counter-clockwise and remove.
2. Insert battery
3. Replace battery retainer cap and rotate clockwise to the stop position.



Programming Extended Hours

The maximum hour and minute value for models 104E/106E-1030 and -1040 can be programmed from 199 hours to 999 hours. Following is the procedure required to extend maximum hours beyond 199 hours

1. After installation of the battery, rotate the wind key one full turn counter-clockwise to arm the movement.
2. After the movement has been armed rotate the wind key clockwise until the required maximum hours (in hundreds) is displayed
3. For example: if the desired maximum value is 499 hours and 45 minutes, rotate the wind key clockwise until a minimum of 400 hours is displayed
4. After the maximum hours (in hundreds) have been displayed, rotate the wind key counter-clockwise until zero hours and minutes are displayed after which the movement will automatically disarm.



Actual display



Maximum value

NOTE

1. The movement will retain the maximum hours previously displayed in memory for all subsequent operations.
2. If the required maximum hours exceed 199 hours, the value must be reset after each battery installation.

Warnings

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 104E and 106E 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.*

Warranty

Unless otherwise specified, STB microtechniques model 104E 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.

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