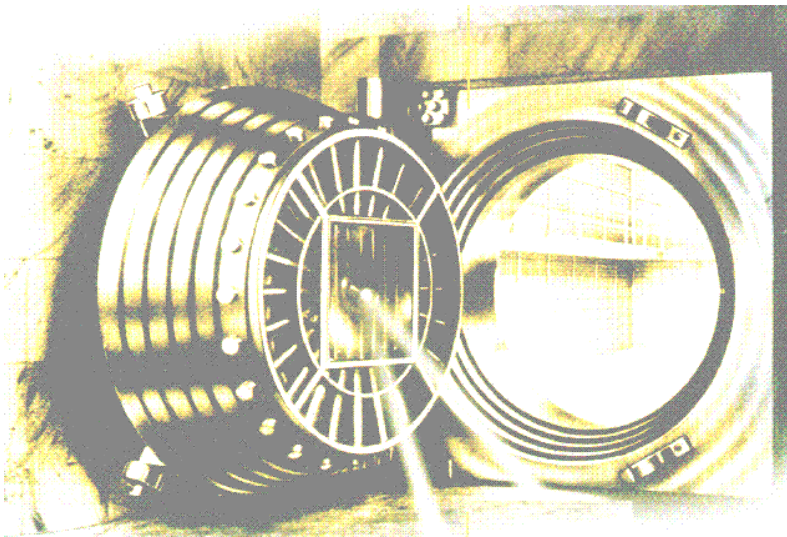


1600 and 2400 Mechanical Timelocks

- Introduction
- Movement settings
- Door Locking
- Timelock Release



1600 and 2400 mechanical Timelocks

Introduction

STB standard mechanical Movements consist of two families.

- 114 is the entry line designed for most application. It offers both snap action and reset options. Available from 144 hours to 240 hours
- 104 is an heavy duty design directly based on the famous Yale® Movement. Available from 120 hours to 162 hours

1600 2- or 3-Movements



2400 2-Movements

SETTING THE MOVEMENTS

Determine the LOCKING hours. The locking hours is the difference in hours between the present time and the next opening. (Wind the Movement at the same time each day, as it will be easier to calculate the locking hours).

Wind each movement turning the key to the left until the index on the top of the dial indicates the required LOCKING hours. Each Movement must be wound for the same number of hours.

If Movements are wound for different times, the one that reaches zero first will open the lock.

114-1001 / 114-1080 / 104-1001 / 104-1003

These Movements do not have any reset feature. The set time cannot be corrected. Wind the Movement carefully and slowly up to the required number of hours.

114-1100 / 114-1130 / 114-1140
104-1002 / 104-1004 / 104-1006

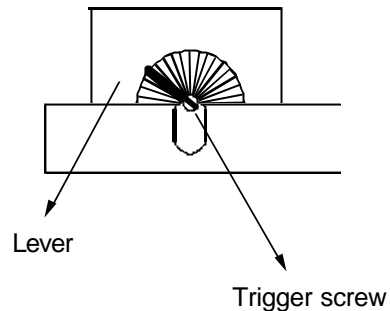
These Movements have a reset feature. If it happens that a Movement is over-wound, it is possible to correct the time by turning the key **slowly and carefully** to the right until the right time is shown by the index.

Any fast clockwise action of the key may damage the Movement.

114-1001 / 114-1130 / All 104 Models

These models are not equipped with a snap action (0-Release). In order to ensure a timely opening, it is necessary to adjust the position of the Movement index so that the trigger is completely disengaged when time is on zero.

On 1600-series Timelocks, turning the trigger screw at the bottom of the case can preferably make the adjustment. Turning clockwise gives more time, while counterclockwise gives less time. One click is about ten minutes.



The locking lever should be in the OPEN position at this time. The boltwork is not blocked as long as the locking lever is in the OPEN position and the vault may be locked and unlocked by its normal locking means as necessary.

TO LOCK THE DOOR AT THE END OF THE BUSINESS DAY

Make sure that all Movements are set properly and running. (Visually check the motion of balance wheel on the top of the Movement)

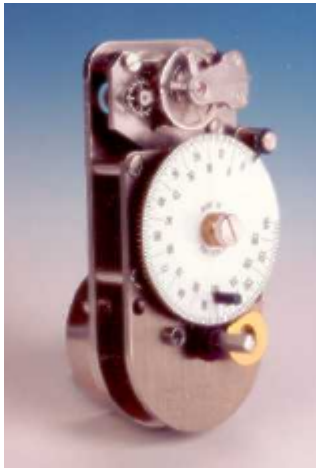
DO NOT LOCK the vault if **ONLY** one Movement is running

1600 Series: Press the locking lever all the way down to the LOCK position. If the locking lever is not in the lock position, there is time set on the Movements, but the boltwork has not been blocked from being opened.

2400 Series: Press the locking button in all the way to the locked position

RELEASE

On the front of both timelocks is a release button. The timelock may be unlocked by sliding the release button to the right, so that the timelock can be manually opened from the inside. Using the release button, however, will not zero the movements if a mistake in programming was made.



104-1004



114-1100

STB microtechniques sa

Rte de Neuchâtel 15a
CH 2072 SAINT-BLAISE / SWITZERLAND
Tel +41 32 756 10 30
Fax: +41 32 756 10 49
e-mail: info@stbmicro.com
Web: stbmicro.com