

# RotoBolt

## EM2050 RotoBolt Electronic SwingBolt Lock

### USER INSTRUCTIONS

**Software: MLS**  
**EM2050**



VdS Class 2, EN1300 Class B, UL Listed, DNV Listed, IMP Class 2

#### Suggested Entry Units

Bravo	Delta	"T"
	Not Sold in US	
Alpha	8530	EuroClass

### Facts about EM2050

The lock operates with a numeric 6-digit or 7-digit code. Each key press is confirmed with an audio and light signal (♪ and ☀). After entry of a valid code a double signal follows (♪♪). An invalid entry is followed by a long signal (⏏). After 10 seconds without entry, an already entered part of the code is cancelled. If your code is programmed with a key, insert key in key reader after the last digit of your code.

Four (4) consecutive invalid codes initiates five minutes time penalty. Wait 5 minutes and try again. Two more consecutive invalid codes will restart additional 5 minutes penalty period

#### SYMBOL DESCRIPTION

♪♪	double signal	☀	light (LED) flashes
⏏	long signal	ⓘ	i-Button (e-KEY)
👂	listen	👉	press and hold
①	number on entry	et	light (LED) stays on

#### To open (standard mode):

Enter code: i.e. 1-1-1-1-1-1  
Unlock door and open. If not opened within 3 seconds, the lock secures automatically.

For example:

①①①①①① ♪♪

#### To open (dual combo):

Two users are required to open with dual combo.  
For example: 1-1-1-1-1-1 and 2-2-2-2-2-2  
unlock door and open. If not opened within 3 seconds, the lock secures automatically.

For example:

①①①①①① ♪♪ AND ②②②②②② ♪♪

#### To open with Time Delay active:

After code entry, time delay starts, recognizable on light signal flashes ☀ at two-second interval.  
At the end of the delay period the open window starts, the light signal flashes and the lock beeps at 1-second interval alternately (once light ☀, once beep ♪).  
To open the lock, a valid code has to be entered again during the open window. If the open window expires without the lock being opened, the lock is secured again with the time delay.

To Delete current action: press random key.

To Extend delay time: enter valid code. The delay period will start again.

For example:

①①①①①① ♪♪

☀ every 2 seconds (time delay)

After the time delay

♪ 1 second and ☀ 1 second  
(open window)

②②②②②② ♪♪

If lock is set to dual combo open with a different code in the open window.


## Open with time delay override:

Enter a code, the time delay will start, then enter code provided to user 9 (time delay override code).

Unlock door and open. If not opened within 3 seconds, the lock secures automatically.

For example:

user 1: ①①①①①① 🎵 time delay starts

user 9: ⑨⑨⑨⑨⑨⑨ 🎵 

## Change code (always with safe door open)

Press and hold key "0" until double signal. The light remains on during the following actions.

- Enter old code 🎵
- Enter new code 🎵
- and repeat new code 🎵

For example:

🔑 ① 🎵 *er*

①①①①①① 🎵 *er*

⑨⑧⑦⑥⑤④ 🎵 *er*

⑨⑧⑦⑥⑤④ 🎵

## Activate silent alarm:

In case of a hold up situation, a silent alarm can be sent by entering the last code digit +1.

For example: valid Code 9-8-7-6-5-4, alarm will be sent by entering 9-8-7-6-5-5.

This code works as a valid code.

For example:

⑨⑧⑦⑥⑤⑤ 🎵



& Silent Alarm Signal Sent

## Current supply / battery change:

A series of signals indicates that the battery is weak and must be replaced. Use only 9V ALKALINE - batteries!.

Alpha, Bravo & "T" Series



"DT" Series

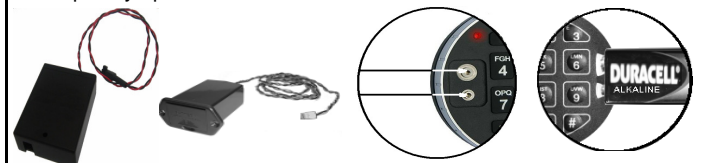


EuroClass & EuroLine Series



"ST" & Delta Series

For Entry Units ST40xx and EC10xx: The battery compartment is located inside the safe. In case the battery is drained completely, uncover the power terminals in the front of the Entry Unit and power with fresh battery. (see fig. on page 1) Keep battery pressed against the terminals until lock is completely open.



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## EM2050 RotoBolt Electronic SwingBolt Lock

### MANAGER INSTRUCTIONS

**Software: MLS**  
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#### Suggested Entry Units

Bravo	Delta	"T"
	Not Sold In US	
Alpha	8530	EuroClass

### Facts about EM2050

The lock operates with a numeric 6-digit or 7-digit code. Each key press is confirmed with an audio and light signal (♪ and ☀). After entry of a valid code a double signal follows (♪♪). An invalid entry is followed by a long signal (Ⓜ). After 10 seconds without entry, an already entered part of the code is cancelled. If your code is programmed with a key, insert key in key reader after the last digit of your code.

Four (4) consecutive invalid codes initiates five minutes time penalty. Wait 5 minutes and try again. Two more consecutive invalid codes will restart additional 5 minutes penalty period

Factory code for Manager is 1-2-3-4-5-6-(7)

SYMBOL DESCRIPTION			
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①	number on entry	et	light (LED) stays on

#### To open (standard mode):

Enter code: i.e. 1-1-1-1-1-1

Unlock door and open. If not opened within 3 seconds, the lock secures automatically.

For example:

①①①①①① ♪♪

#### To open (dual combo):

Two users are required to open with dual combo.

For example: 1-1-1-1-1-1 and 2-2-2-2-2-2

unlock door and open. If not opened within 3 seconds, the lock secures automatically.

For example:

①①①①①① ♪♪ AND ②②②②②② ♪♪

#### To open with Time Delay active:

After code entry, time delay starts, recognizable on light signal flashes ☀ at two-second interval.

At the end of the delay period the open window starts, the light signal flashes and the lock beeps at 1-second interval alternately (once light ☀, once beep ♪).

To open the lock, a valid code has to be entered again during the open window. If the open window expires without the lock being opened, the lock is secured again with the time delay.

To Delete current action: press random key.

To Extend delay time: enter valid code. The delay period will start again.

For example:

①①①①①① ♪♪

☀ every 2 seconds (time delay)

After the time delay

♪ 1 second and ☀ 1 second (open window)

②②②②②② ♪♪

If lock is set to dual combo open with a different code in the open window.

## Change code (always with safe door open)

Press and hold key "0" until double signal. The light remains on during the following actions.

- Enter old code 🎵🎵
- Enter new code 🎵🎵
- and repeat new code 🎵🎵

## Activate User

Press and hold key "1" until double signal. The light remains on during the following actions.

- Enter manager code 🎵🎵
- Enter user ID 1-9 🎵🎵 (only if more than 1 user is installed)
- Enter user code 🎵🎵
- Repeat user code 🎵🎵

For example: to activate user 1:

- "1" till 🎵🎵 and light stays on
- Manager code 1-2-3-4-5-6 🎵🎵
- User ID 1 🎵🎵 (only if more than 1 user is installed)
- User code 1-1-1-1-1-1 🎵🎵
- User code 1-1-1-1-1-1 🎵🎵

For example:

☞ ① 🎵🎵 er  
①②③④⑤⑥ 🎵🎵 er  
① 🎵🎵 er (only if more than 1 user is installed)  
①①①①①① 🎵🎵 er  
①①①①①① 🎵🎵

## Activate User with key

Press and hold key "1" until double signal. The light remains on during the following actions.

- Enter manager code 🎵🎵
- Enter user ID 1-9 🎵🎵
- Enter user code after last digit 🎵🎵 insert key in key reader 🎵🎵
- Repeat user code 🎵🎵 and insert key 🎵🎵

For example: to activate user 1:

- "1" till 🎵🎵 and light stays on
- Manager code 1-2-3-4-5-6 🎵🎵
- User ID 1 🎵🎵
- User code 1-1-1-1-1-1 🎵🎵 key 🎵🎵
- User code 1-1-1-1-1-1 🎵🎵 key 🎵🎵

☞ ① 🎵🎵 er  
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① 🎵🎵 er  
①①①①①① 🎵🎵 ⓘ er  
①①①①①① 🎵🎵 ⓘ

## Activate User in dual mode

- Enter user code 🎵🎵
- Press and hold key "1" until double signal.
- Enter manager code 🎵🎵
- Enter user ID 1-9 🎵🎵
- Enter user code 🎵🎵
- Repeat user code 🎵🎵

For example: activate user 2: user 1 has been activated with 1-1-1-1-1-1 and the manager code is 1-2-3-4-5-6.

- 1-1-1-1-1-1 🎵🎵
- Press "1" till 🎵🎵
- 1-2-3-4-5-6 🎵🎵
- 2 🎵🎵
- 2-2-2-2-2-2 🎵🎵
- 2-2-2-2-2-2 🎵🎵

①①①①①① 🎵🎵  
☞ ① 🎵🎵 er  
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②②②②②② 🎵🎵

## Disable/enable users (bulk) not active in dual mode!

Press and hold key "2" until double signal. The light remains on during the following actions.

- Enter manager code 🎵🎵
- All users are disabled.

② 🎵🎵 er  
①②③④⑤⑥ 🎵🎵

To enable all users repeat procedure.

## Delete Users

Press and hold key "3" until double signal. The light remains on during the following actions.

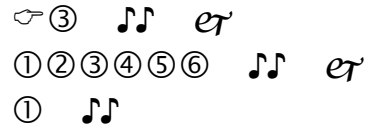
- Enter manager code 🎵
- Enter user ID 🎵

User is deleted.

For example: "3" till double signal and light stays on.

Manager code 1-2-3-4-5-6 🎵

User ID 1 🎵



To activate user again please refer to function 'activate user'

Please note that new user code differs from prevs code!!

## Programing of Time Delay and Open Window Values

Press and hold key "9" until double signal. The light remains on during the following actions.

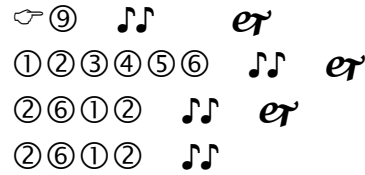
- Enter manager code 🎵
- Enter time delay and open window time
- Repeat values 🎵

For example: "9" till double signal and light stays on

Manager code 1-2-3-4-5-6 🎵

2612 for 26minutes time delay and 12minutes open window 🎵.

Repeat values 🎵



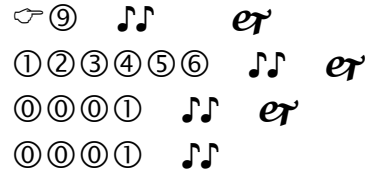
□ Note: decreasing the time delay value can only be done in open window time.

Increasing can be done at any time

## To remove Time Delay

Removing of the time delay can only be done in open window time.

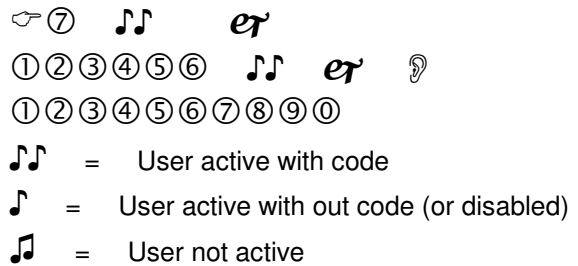
Repeat Programing of Time Delay and Open Window procedure with 00 value for TimeDelay and 01 value for Open Window



## Audit Users

Press and hold key "7" until double signal. The light remains on during the following actions. Listen to tone signals

- Enter manager code 🎵
- Enter 1,2,3,4,5,6,7,8,9 and 0 to stop double signal 🎵 = User active with code
- one signal 🎵 = User active with out code (or disabled)
- Long signal □ = User not active



## Audit lock (only if 2 or more users are installed)

Audit lock (only if 2 or more users are installed)

Press and hold key "7" until double signal. The light remains on during the following action.

- Enter manager code 🎵
- Insert i-button in key reader till double signal 🎵

The audit file has been downloaded to the i-button



## Current supply / battery change:

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Delta & ST Series

For Entry Units ST40xx and EC10xx: The battery compartment is located inside the safe. In case the battery is drained completely, uncover the power terminals in the front of the Entry Unit and power with fresh battery. (see fig. on page 1) Keep battery pressed against the terminals until lock is completely open.

