OPERATIONAL INSTRUCTIONS

Lock PS 300

General Functional Desription

This lock is operated using a 6-digit numeric code. The PS 300 lock can be programmed using a second code.

Each button press (except for "**ENTER"**) is validated by a short buzzer signal and a green LED. If the buttons are not pressed for 10 seconds, or the time for complete code entry exceeds 30 seconds, the lock is automatically closed.

If the code is entered correctly, the buzzer and the green LED signal twice, the green light then flashes for a further 7 seconds. Consequently the micro-engine turns on for 1 second and opens the lock. After 5 seconds the micro-engine is turned on, again for 1 second, and the lock reversed. Power to the micro-engine will remain on for a maximum of 1 second on both occasions, after this the device is turned off. If the locking bolt driving mechanism was not activated, the lock remains blocked.

If the code is incorrect, there will be an extended signal of the buzzer and the red LED will be lit. If you entered an incorrect code three times the keypad will be blocked for 5 minutes. Within this period of time the red LED will alight every 5 seconds. In this situation the lock cannot be opened even if you re-enter the correct code. (NB. The incorrect code count will still operate even if the power is off and this is only re-set to zero after 5 minutes. If the blocked time does not expire while the power is off, the lock will be blocked for a further 5 minutes after the power is switched on). Entering more than 8 digits is considered as an incorrect code entry, the 9th digit pressed will be indicated by an extended buzzer signal and the red LED will be lit. After this you will have to re-enter the code.

If you enter less than 6 digits (excluding the "*" and "ENTER" buttons), prior to pressing the "ENTER" button, it is not considered as an incorrect code entry. This action is indicated with one long buzzer signal and the red LED, after this you will have to re-enter the code.

1. How to Open the Lock:

1.1. Press "**ON**" – the buzzer signals once and the green LED lights up;
1.2. Enter the primary code or the user code (from **6** to **8** digits). The default primary code is 1-2-3-4-5-6,
1.3. Press "**ENTER**".

2. How to Close the Lock:

The lock closes automatically 5 seconds after the code is inputted and the **"ENTER"** button is pressed.

2.1. Turn the handle to the "closed" position to lock the safe.

3. Programming

3.1. Programming the Primary Code

- Press "**ON**";
- Press "**ENTER**";
- Press "**1**";
- Press "**ENTER**";
- Input the valid primary code and press "**ENTER**";
- Enter the new primary code (from **6** to **8** figures) and press "**ENTER**";
- Re-enter the new primary code and press "**ENTER**".

Audio and visual signals are the same as for the lock opening. The correct entry of a valid or new primary code is indicated by two buzzer sounds and two green LED signals. An incorrect entry of a valid or new primary code (less than 6 figures or an incorrect re-entry) is indicated by a long buzzer signal and the red LED. A mistake in the procedure sequence is indicated by a long buzzer signal and the red LED. In these cases you have to restart the procedure by pressing "**ENTER**".

3.2. Programming the User Code (with the Primary Code)

- Press "**ON**";
- Press "**ENTER**";
- Press "**2**";
- Press "**ENTER**";
- Input the valid primary code and press "**ENTER**";
- Enter the user code (from **6** to **8** figures) and press "**ENTER**";
- Re-enter the user code and press "**ENTER**".

Audio and visual signals are the same as for the primary code programming.

3.3. Programming the User Code (without the Primary Code)
- Press “**ON**”;
- Press “**ENTER**”;
- Press “**3**”;
- Press “**ENTER**”;
- Input the valid user code and press “**ENTER**”;
- Enter the new user code (from **6** to **8** figures) and press “**ENTER**”;
- Re-enter the new user code and press “**ENTER**”.

Audio and visual signals are the same as for the primary code programming.

3.4. User Code Deletion
- Press “**ON**”;
- Press “**ENTER**”;
- Press “**0**”;
- Press “**ENTER**”;
- Input the valid primary code and press “**ENTER**”;

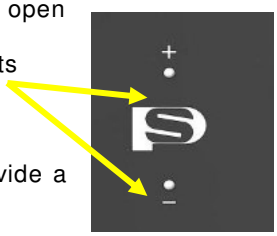
The user code is deleted, only the primary code is valid.

Audio and visual signals are the same as for the user code programming.

4. Power Supply Control
If the power supply is diminishing, the buzzer and the red LED signal five times. The “ON” button must be pressed before it is possible to open the lock and pressing “**ENTER**” to change codes is blocked. This operation is indicated by a single buzzer and red LED signal.

4.1. To replace the battery:
- If the door is closed, you need to firstlty connect the battery to the supply clip (“+” and “-“ respectively) between the handle and the keypad. You should then enter the valid code, switch the handle clockwise and open the safe door.

Image 2. Current-conducting contacts



Attention!
If you connect the battery from external side, it is necessary to observe the polarity and provide a close connection of the battery to the clip on the keypad.

Battery Requirements:
Model - 6LR61
Voltage - 9V
Battery Type - ALKALINE

4.2. Replacing the Discharged Battery
In order to change the main battery it is necessary to unscrew the cover in the rear of the door and carefully remove this from the unit. You should then remove the plastic cap, take out the discharged battery and disconnect it. After this, connect the new battery (paying attention to the charge), replace the plastic cap and replace the cover on the rear of the door.

Attention!
Having changed the battery, it is strongly recommended to check the new battery by opening and closing the lock two or three times while the door is opened. Only after that should you close the door.

5. Service
5.1. Troubleshooting
At the start-up the device is self-tested. After that the device turns itself off.
If one of the codes was changed but the saving failed, the buzzer and both LEDs will signal three times. After this the operation of the device continues with the codes which were valid before any change had been attempted.

5.2. Primary Code Change Failure Diagnostics
This function is a service function and is necessary for identifying the valid primary code.
- Press “**ON**”;
- Press “**ENTER**”;
- Press “**4**”;
- Press “**ENTER**”;
- Enter the service code “**160400**” and press “**ENTER**”;

If the lock was opened by the valid primary code at least once, then after pressing “**ENTER**” the buzzer and the green LED will signal 5 times.
If the lock has never been opened by the valid primary code, then after pressing “**ENTER**” the buzzer and the red LED will signal 5 times.