Primor xxxx

Operator manual

Instructions for system and user administrators

Note:

On the cover sheet you can find warning information, and an explanation of the symbols and terms used, together with the exclusion of liability.

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General

Depending on the setup, the opening of the lock can be subject to additional restrictions. A combination of these restrictions is also possible:

1. **Delay time** → Opening is only possible once a defined delay time has come to the end (with the exception of user 9).
2. **Dual code** → Opening is only possible with two valid user codes. (also the "two pairs of eyes" principle)

The dual code / the “two pairs of eyes” principle cannot be disabled by the user and is set at the factory [level 25].

Code length / silent alarm

Normally each user code has a length of 6 digits (0-9) [level 5]. If a silent alarm is configured [level 15], the number of code digits increases to 7 digits. The 7th code digit is therefore shown in grey in the following description. It is triggered by changing the last code digit.

Battery

The lock is powered by a 9V block battery (alkaline-manganese).
A warning signal is emitted after code input if the battery charge is too low. A warning tone is repeated several times with an alternately flashing red LED.
In such a case, change the battery as soon as possible. The programmed codes are retained while the battery is changed.

Penalty time

After 4 invalid code entries there is a penalty time of 5 min. Until a valid code is entered, a penalty time is then triggered again after each two incorrect entries.

Interfaces

For locks configured to level 5, only the interface for analogue input units is active. The second connection can only be used for power supply via a signal box or power supply unit.
Locks with level 15 have the silent alarm function preconfigured. This means the alarm contact is routed via the second connection with a corresponding hardware [signal box] and a lock disable function is available via an input.

Dual code + delay time

When the dual code is activated, the lock is opened according to the described opening procedure after the delay time has elapsed.

"User 9" can open alone during the delay time if the dual-code condition (“two pairs of eyes” principle) [level 25] is active. A dual-code condition arises through the fact that user 9 alone cannot start the delay time.

An invalid code input during the release time means that the operation is terminated and the delay time must be started again.
The input of a valid code during the opening delay is acknowledged positively but has no effect in itself. An opening delay time that has been started can be aborted by pressing any key.

Overview of user rights

	Factory code	Opening	Start delay time	Quick opening code	Create user	Change code	Delete user	Trigger operating lock	Check system	Overview of users	Set delay time
Master	123456(0)	●	●		●	●	●	●	●	●	●
User 0...8	-	●	●			●			●		
User 9	-	●		●		●			●		

Opening

P1000 / P1600

This type of lock has a swing bolt. This means once the locking mechanism has been released, the bolt is pushed out of the locking position by the bolt movement. When the boltwork is closed, the lock bolt also returns automatically to the locking position under spring load. The lock is closed automatically without any further action needed by the user.

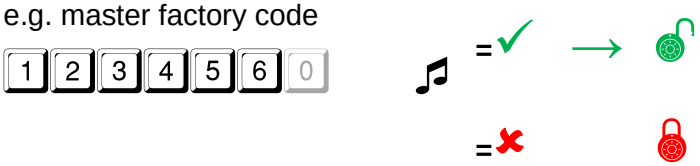
P2000 / P2600

A full deadbolt is driven via an axis from the outside with a rotating keypad housing or an additional operating lever. The lock's internal locking mechanism releases the rotary movement for approx. 3 sec if a valid opening code has been detected and all secondary conditions (no locks active) are fulfilled. The lock must be closed manually by the user after the boltwork has returned to the closed position.

P30xx

Motorised locks from the P30xx series feature a spring-loaded deadbolt. This means, after opening, the dead bolt drive is moved back into the closing position after approx. 3 sec. If the bolt travel is not in the locking position again, i.e. the bolt cannot yet retract into the free slot, it rests against the locking edges of the boltwork under spring load. When the boltwork is closed, the bolt then jumps into the locking position and locks automatically without further action required by the user.

e.g. master factory code



The opening code can be entered directly as described above, without selection. The bolt is released or retracted for approx. 3 seconds after a valid code has been entered. Open the safe within this time after entering the code.

Opening with dual code

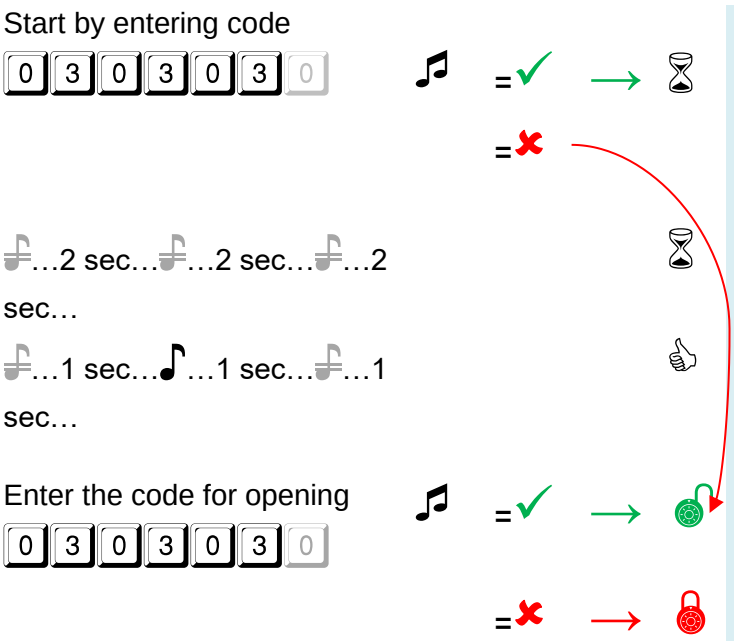
e.g. user 3 with code 0303030 starts to enter their code

The "two pairs of eyes" principle, here user 5 with code 0505050, triggers the opening

If the code is entered incorrectly or if more than 30 seconds elapse between the two code inputs then the code input is terminated with a long signal tone.

The locking check can be done via the operating lever of the boltwork and should be performed after each closing and locking. (With the exception of P2000, lock check is possible using keypad position or operating toggle)

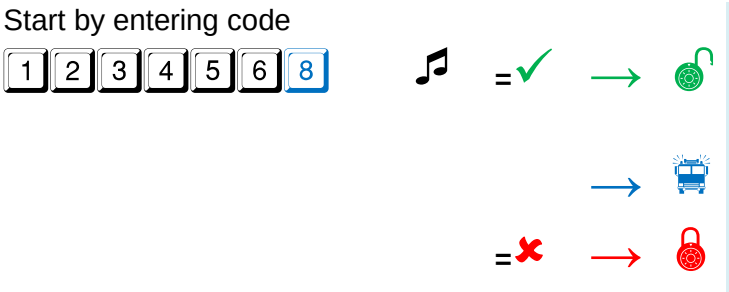
Opening with active delay time



If a delay time has been programmed, this must be started first by entering a valid opening code. It can then be opened by entering any desired valid user code during the time window for opening.
User 9 cannot start the delay, but instead can open before the end of the delay time.

Triggering a silent alarm

e.g. opening code 1234567



The last code digit is changed in each case if "silent alarm" is active. The calculation is based on the scheme: last digit + 1
With a 9 as the last code digit, the 0 triggers the alarm.

The locking check can be done via the operating lever of the boltwork and should be performed after each closing and locking. (With the exception of P2000, lock check is possible using keypad position or operating toggle)

Menu functions

If there is a rejection at the end of a menu step (long signal tone) then the procedure is terminated and the menu function is quit.

In the case of an active dual code a valid user code must be entered **before** opening a menu. A menu is only selected afterwards.

0 Change code

e,g. change 123456**0** to 111111**1**

5 ♪ ☼ **Change code menu**

Enter code, e.g.
1 2 3 4 5 6 0 ♪ =✓

Enter the new code
1 1 1 1 1 1 1 ♪ =✓

Confirm the new code
1 1 1 1 1 1 1 ♪ =✓

Code was changed successfully

Both the user code and the master code can be changed by using the Change function.

1 Create user

e.g. create user no. 3

1 ♪ ☼ **Create user code**

Enter the master code
1 2 3 4 5 6 0 ♪ =✓

Number of the user to be created
3 ♪ =✓

Enter user code, e.g.
0 3 0 3 0 3 0 ♪ =✓

Confirm the user code
0 3 0 3 0 3 0 ♪ =✓

A new user code is only accepted if the code differs at two places by one digit from an existing code.
If an opening delay has been programmed, user 9 for the immediate opening code can only be created in the opening release time.

2 Operating lock

2 ♪ ☼ **Operating lock menu**

Enter the master code

1 2 3 4 5 6 0 ♪ = ✓

All users are activated / deactivated

All users can be blocked or released with this function. All codes are retained.

3 Delete user

When the dual code is active, the user who made the menu entry possible by entering a code cannot be deleted.

e.g.delete user no. 2

5 ♪ ☼ **Delete user menu**

Enter the master code

1 2 3 4 5 6 0 ♪ = ✓

Number of the user to be deleted

2 ♪ = ✓

The master can delete a user. It is not possible to delete the master.

5 Check system

5 ♪ ☼ **Check system menu**

Press the keys in the sequence

1 2 3 ... 9 0 ♪ = ✓

Press each numeric key once. A functional key is indicated by a double signal tone.
A key that is not recognised is indicated by a long signal tone and the function test is terminated.
The system must be checked.

7 Overview of users

Overview of users menu

Enter the master code

1 2 3 4 5 6 0 = ✓

User number to be checked = free

3, 5, 6... = occupied

End the query

0 = ✓

This function gives an overview of the number of free and already occupied users.

It is possible to check selectively whether one or more specific users have already been created.

9 Set time delay

e.g. 10 min time delay with an opening window of 5 min

Delay time menu

Enter the master code

1 2 3 4 5 6 0 = ✓

Set the delay time

1 0

Release time

0 5 = ✓

Confirm the delay time

1 0

Confirm the release time

0 5 = ✓

The opening delay time can be increased at any time. A reduction or a deactivation of the opening delay time is only possible during the release time.

To deactivate the delay, set the delay time to 00 and the release time to 01.

Range of values:
Delay time 01 to 99 min.
Release time 01 to 19 min.