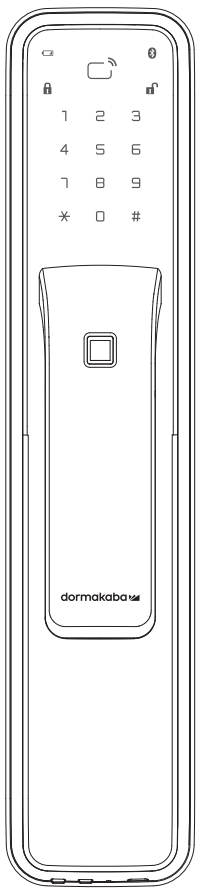
dormakaba

User Manual

DP830 / DP850

Password / RFID card / Spare key / Fingerprints



REV.01

Cautions

- Make sure to read this user manual before using the product.
- For your safety, change the password regularly.
- Do not reverse the poles of the batteries because doing so may cause liquid leakage or rupture.
- When the battery set is discharged, replace all the batteries at the same time.
- Do not mix new batteries with partially discharged or fully discharged batteries.
- Do not install, disassemble, or repair the product by yourself.
- Use a dry, superfine cloth to clean the product.
- Do not press the buttons with sharp objects, such as gimlets or pins, or insert sharp objects into the product.
- Do not use the product for other purposes than digital door lock.
- Be careful not to let water into the product.
- Do not apply a heavy force to the product.
- Keep the product warranty card for A/S service.

Make sure to install the product by an installation engineer.
Any product malfunction occurred if it is not installed by designated engineer will cause A/S service charges.

Troubleshooting

Sympton	Solution
The product is not powered on	Check whether the battery set is inserted properly or discharged. Check the battery insertion direction and the pole marks. Replace all the batteries with new ones.
The passwords cannot be registered	Open the battery cover, press "[Register]" button, and retry registering by referring to the password registration method that was specified in the user manual.
The door will not open after inputting the password followed by "#" button	Check if the password entered is correct. The password cannot be registered if the keypad lamp turns off. Therefore, enter the password again after turning on the keypad lamp by touching it with a hand.
The door will not open although the registered information is authorized with a password / RFID card	Use an emergency battery (9 V). It might be a system failure, contact our service center.
Alarm is on and sounds like, "beep beep beep"	This alarm indicates that the battery set should be replaced. Make sure to replace all the batteries with new ones.
The auto lock mode does not work	Try to reset auto lock mode. If the battery set is discharged, you can hear the sound when pressing the buttons,but the product will not work. Therefore, replace all the batteries with new ones.

Product Specifications

Installation condition	Non-fire rated door	Door thickness: 40–75 mm
Opening type	Fingerprint	Up to 100 fingerprints
	Password	4–12 digits (Up to four passwords may be registered
	RFID card	Up to 100 RFID cards may be registered.
Rated voltage	DC 6V	LR6 1.5 V AA alkaline battery
Emergency power supply	DC 9V	Alkaline battery (sold separately)
Overheating detection	Temperature sensor	72 ± 5°C (lab environment), 62 ± 5°C (general environment
Material	Outdoor unit	Al, Zn, ABS
	Indoor unit	Zn, ABS

Product Warranty Sheet

Model name	
Serial No.	
Purchase (installation) date	
Installation service shop name	
Installation engineer name	
Telephone No.	
Address	

- When you request for a repair service, you need to present this warranty sheet, which indicates the purchase date.
- The warranty service for this product will be provided based on the details that were inputted on the product warranty sheet.
- When you purchase this product, have its seller input the purchase date on the product warranty sheet because the free warranty service period starts on the purchase date.
- The functions and design of this product are subject to changes without notice for the improvement of its performance.

dormakaba services information

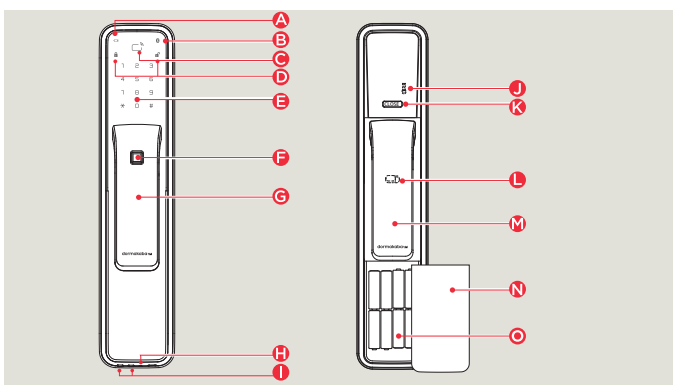
Thanks for purchasing dormakaba smart locks. We provide warranty services for our door lock products. To ensure your rights, please read the following clauses carefully.

1. We provide one year free warranty for the door locks bought from our authorized sales channels and used correctly from the date of purchase.
2. When you buy the product, please ask the seller for invoice and keep it properly.
3. After installing the lock, please supervise the installation staff to fill out the product warranty card, and the seller will register product information according to the Receipt.
4. Warranty Card and invoice are required for warranty.
5. If you need repair service, please contact the seller or call our service hotline, and our authorized unit will provide repair services.
6. The above warranty shall not be applied to the following:
   - Warranty period expires;
   - The product model and bar code on the Warranty Card do not match the lock;
   - Warranty Card is altered without permission;
   - The lock is installed by unqualified personnel;
   - The lock is disassembled or modified without permission;
   - Damage is caused by force majeure (earthquake, fire, flood, etc.).

For more information of the warranty clauses, please refer to our official website or call the local hotline.

www.dormakaba.com

Part names



Outdoor unit

- A Battery warning lamp
- B RFID card reader
- C BLE display lamb
- D Status display lamp
- E Keypad
- F Fingerprint sensor
- G Outdoor handle
- H [Reset] button

Indoor unit

- I Emergency power supply terminal
- J [Register] button
- K [CLOSE] button
- L Blocking indoor handle
- M Indoor handle
- N Battery cover
- O Battery

Components

· The components are subject to changes depends on the installation environment.

- Mortise
- Mortise shaft
- Striker
- Screw
- Battery
- RFID card
- Remote control (sold separately)
- Interlock device (sold separately)
- User manual
- Installation manual
- Installation paper pattern

Enter the registration mode

Authorize with an administrator password

1. Press [Register] button
2. Input an administrator password
3. Press [#] button

Authorize with an administrator RFID card

1. Press [Register] button.
2. Put an administrator RFID card on the reader

- Not inputting anything for 10 seconds will cancel the authorization.
- An error will occur if entering less than 6 digits or more than 12 digits password and cancel the authorization.
- When entering an administrator password, press [*] button will reset the entry.
- Press [#] button without any entry or press [Register] button during authorization will cancel the authorization.

Register password

• Make sure to register a password while the door is open

Change administrator password *** Default password: 123456**

1.	2.	3.
Enter the registration mode	Press [0] button	Enter a 6 to12 digit administrator password, and press [#] button
	1 2 3 4 5 6 7 8 9 * 0 #	1 2 3 4 5 6 7 8 9 * 0 # 1 2 3 4 5 6 7 8 9 * 0 #

- **Administrator password cannot be identical to an existing user/guest password.**

Register a user password

1.	2.	3.
Enter the registration mode	Press [1] button	Enter a 4 to 12 digit user password, and press [#] button
	1 2 3 4 5 6 7 8 9 * 0 #	1 2 3 4 5 6 7 8 9 * 0 # 1 2 3 4 5 6 7 8 9 * 0 #

- Repeat step 3 before the keypad lamp turns off will register another user password. (Up to four passwords can be registered)
- **User password cannot be identical to an existing administrator/guest password.**

Register a user password with an address

1.	2.	3.
Enter the registration mode, and press [1] button	Select and press an address among 1–4 , and presss [#] button	Enter a 4 to 12 user password, and press [#] button
1 2 3 4 5 6 7 8 9 * 0 #	1 2 3 4 5 6 7 8 9 * 0# 1 2 3 4 5 6 7 8 9 * 0 #	1 2 3 4 5 6 7 8 9 * 0 # 1 2 3 4 5 6 7 8 9 * 0 #

- Repeat step 2 and 3 before the keypad lamp turns off will register another user password. (Up to four passwords can be registered)
- **User password cannot be identical to an existing administrator/guest password.**

Register a guest password · One-time password

1.	2.	3.
Enter the registration mode	Press [4] button	Input a 4 to 12-digit guest password, and press [#] button
	1 2 3 4 5 6 7 8 9 * 0 #	1 2 3 4 5 6 7 8 9 * 0 # 1 2 3 4 5 6 7 8 9 * 0 #

- **Guest password cannot be identical to an existing administrator/user password.**
- **The guest password will go invalid after using it to open the door.**

- Not inputting anything for 10 seconds will cancel the registration.
- When entering an administrator, a user, or a guest password, press [*] button will reset the entry.
- Press [#] button without any entry or press [Register] button during authorization will cancel the authorization.

Register a RFID card

• Make sure to register a RFID card while the door is open.

Register an administrator RFID card

1.	2.	3.
Enter the registration mode	Press [0] button	Put the administrator RFID card on the reader
	1 2 3 4 5 6 7 8 9 * 0 #	CARD

- Repeat step 3 before the keypad lamp turns off will register another administrator RFID card. (Up to 10 RFID cards can be registered)
- **Administrator RFID card cannot be identical to a user RFID card.**

Register an administrator RFID card with an address

1.	2.	3.
Enter the registration mode, and press [0] button.	Select and press an address from 1 to 10, and press [#] button	Put the administrator RFID card on the reader
1 2 3 4 5 6 7 8 9 * 0 #	1 2 3 4 5 6 7 8 9 * 0 # 1 2 3 4 5 6 7 8 9 * 0 #	CARD

- Repeat step 2 and 3 before the keypad lamp turns off will register another administrator RFID card. (Up to 10 RFID cards can be registered)
- **Administrator RFID card cannot be identical to a user RFID card.**

Register a user RFID card

1.	2.	3.
Enter the registration mode	Press [2] button	Put the user RFID card on the reader
	1 2 3 4 5 6 7 8 9 * 0 #	CARD

- Repeat step 2 and 3 before the keypad lamp turns off will register another user RFID card. (Up to 100 RFID cards may be registered)
- **User RFID card cannot be identical to an administrator RFID card.**

Register a user RFID card with an address

1.	2.	3.
Enter the registration mode, and press [2] button	Input an address to be registered (1–100), and press [#] button	Put the user RFID card on the reader
1 2 3 4 5 6 7 8 9 * 0 #	1 2 3 4 5 6 7 8 9 * 0 # 1 2 3 4 5 6 7 8 9 * 0 #	CARD

- Repeat step 2 and 3 before the keypad lamp turns off will register another user RFID card. (Up to 100 RFID cards may be registered)
- **User RFID card cannot be identical to an administrator RFID card.**

- Not inputting anything for 10 seconds will cancel the registration.
- Press [#] button without any entry or press [Register] button during authorization will cancel the authorization.

BLE registration method

1. Download app (search by dormakaba smartlock)

GOOGLE iPhone

2. Enter the [+] button after running the APP
3. Enter information and enter [Start Binding] button
4. Enter the [Registration] button after confirming the door lock LED blinks

· You can register up to 10 smartphones.

Fingerprint Registration

1. Enter registration mode and press [3] button
2. Enter the fingerprint 3 times to register in the fingerprint module.
3. Enter [#] button

- If you repeat the first 2 steps before the 3rd, additional user fingerprint will be registered. (Up to 100 can be registered)
- Can not register the same fingerprint

- Registration will be cancelled if there is no input for 10 seconds.
- If you do not press [*]button or [Register] button during registration process, registration will be cancelled.

Enter the deletion mode

Authorize with an administrator password

1. Press [Register] button for three seconds
2. Input an administrator password
3. Press [#] button

Authorize with an administraton RFID card

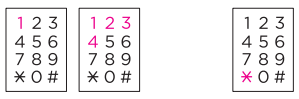
1. Press [Register] button for three seconds
2. Put an administrator RFID card on the reader

- Not inputting anything for 10 seconds will cancel the authorization.
- An error will occur if entering less than 6 digits or more than 12 digits password and cancel the authorization.
- When entering an administrator password, press [*] button will reset the entry.
- Press [#] button without any entry or press [Register] button during authorization will cancel the authorization.

Delete a password

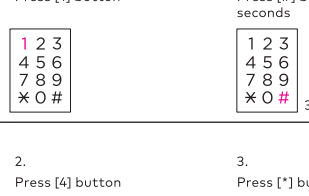
Delete a password

1. Enter the deletion mode
2. Press [1] button, and input an address (1–4) to be deleted
3. Press [*] button



Delete all user passwords

1. Enter the deletion mode
2. Press [1] button
3. Press [#] button for three seconds



3 seconds

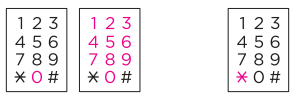
Delete a guest password

1. Enter the deletion mode
2. Press [4] button
3. Press [*] button

Delete a RFID card

Delete an administrator RFID card with an address

1. Enter the deletion mode.
2. Press [0] button, and input the address to be deleted (1–10)
3. Press [*] button



Delete an administrator RFID card

1. Enter the deletion mode
2. Press [0] button
3. Put an administrator RFID card on the reader

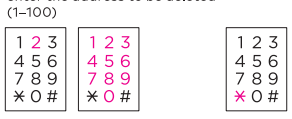
Delete all administrator RFID cards

1. Enter the deletion mode
2. Press "[0]" button
3. Press [#] button for three seconds

3 seconds

Delete a user RFID card with an address

1. Enter the deletion mode
2. Press [2] button, and enter the address to be deleted (1–100)
3. Press [*] button

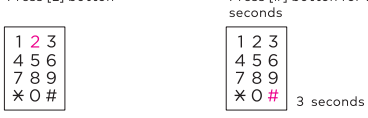


Delete a user RFID card

1. Enter the deletion mode
2. press [2] button
3. Put a user RFID card on the reader

Delete all user RFID cards

1. Enter the deletion mode
2. Press [2] button
3. Press [#] button for three seconds



3 seconds

Delete BLE

Remove from phone

1. Run Apps
2. Select the door to be deleted and select [Unbind]
3. Delete Door Lock

Delete individual BLE

1. Enter the deletion mode
   Press [7] button
2. Enter the phone number you want to register
3. Press [*] button

- You must enter the country code when entering your smart phone phone number.

Delete entire BLE

1. Enter the deletion mode
2. Press [7] button
3. Press [#] button for 3 seconds

3 seconds

Delete all Fingerprints

1. Enter the deletion mode
2. Press [3] button
3. Enter [*] button

Open the door from outside with a password

In General authorization mode

1. Touch the keypad with a hand
2. Enter adminstrator/user/guest password
3. Press [#] button

- If you enter the [*] button before step 2, the door will be opened silently.
- A series of virtual numbers can be entered before or after step 2 while the virtual number function is activated for opening the door.

In Double authorization mode

1. Touch the keypad with a hand
2. Enter adminstrator/user/guest password
3. Read the RFID card or user fingerprint after pressing the [#] button

- Guest password does not work under double authentication mode.
- When the RFID card is not registered, double authorization mode does not work. (Normal authorization will be applied even if double authorization is enabled.)

- Not inputting anything for 10 seconds will cancel the authorization.
- Virtual number function can be used in order not to expose your passwords. (However, the length of password plus the virtual number cannot exceed 21 digits, or it will end up with an error sound).
- Five attempts allowed before the authorization gets suspended for one minute. After that, you may try again.
- The guest password will go invalid after using it to open the door.
- When the virtual number function is set and the virtual number (random number) is entered before or after the password, the door will open.

Open the Door from Outside

RFID card

Put the RFID card on the reader

- In the double authorization mode, input a password first.
- In the RFID card manual detection mode, touch the keypad with a hand and put the RFID card on the reader.

Fingerprint

When you touch the registered fingerprint to the fingerprint input part, the door opens.

BLE

1. Enable "dormakaba smartlock" app on smart phone near the door lock.
2. Left button: Close the door / Right button: Open the door / Shake the phone to open the door.

Open door from outside with an emergency key

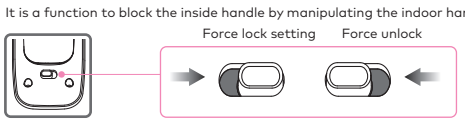
1. Push the emergency keyhole cover to the left.
2. Insert an emergency key in the keyhole, and turn it to the left/right will open the door.

Open door from inside

- Push or pull the handle will open the door when it is locked.
- If the Push/Pull handle do not have any action within 7 seconds, the lock will be locked again automatically.

Interior safety handle function

It is a function to block the inside handle by manipulating the indoor handle.



Lock door from outside

In auto lock mode

- The door will automatically be locked in 2 seconds after it is closed.

In manual lock mode (without [#] button)

- While the door is closed, touching the keypad with a hand will lock the door.

In manual lock mode (with [#] button)

- While the door is closed, touching the keypad with a hand and press [#] button will lock the door.

Lock door from inside

In auto lock mode

- The door will automatically be locked in 2 seconds after it is closed.

In manual lock mode

- Press [CLOSE] button after the door is closed.

Set internal double lock

•Can Prevent opening the door from outside.

Set internal double lock

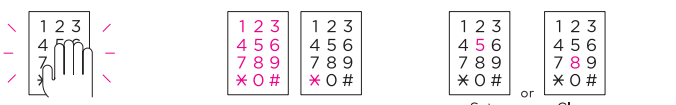
- While the door is locked, press [Safety] button for three seconds.

Release internal double lock

- Open the door by pushing down the handle.

Set double authorization mode

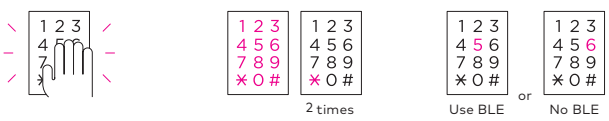
1. Touch the keypad with a hand
2. Input an administrator password, and press [*] button
3. Press [5] button: Set
   Press [8] button: Clear



· Double authorization is not enabled by default.

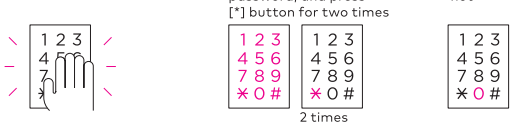
Enable BLE

1. Touch number board
2. Enter the administrator password and press [*] button twice
3. Press [5] button: Use BLE
   Press [6] button: No BLE



Virtual number function

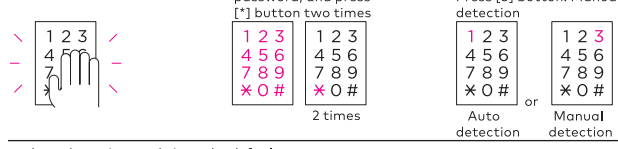
1. Touch the keypad with a hand
2. Input an administrator password, and press [*] button for two times
3. Press [0] button to activate or not



- By default, virtual number function is activated.

Set auto/manual detection with RFID card

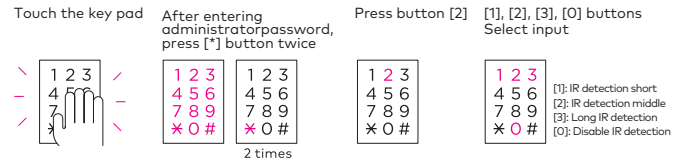
1. Touch the keypad with a hand
2. Enter an administrator password, and press [*] button two times
3. Press [1] button: Auto detection
   Press [3] button: Manual detection



- Auto detection mode is set by default.
- In the manual detection mode, touching the keypad with a hand and put the RFID card on the reader will open the door.

IR setting

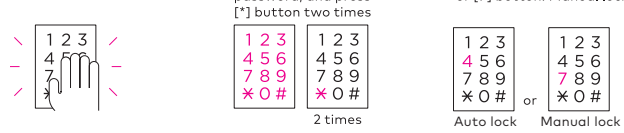
1. Touch the key pad
2. After entering administratorpassword, press [*] button twice
3. Press button [2]
4. [1], [2], [3], [0] buttons Select input



Set auto/manual lock mode

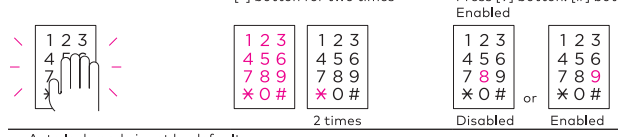
Set Auto/manual lock mode

1. Touch the keypad with a hand
2. Input an administrator password, and press [*] button two times
3. Press [4] button: Auto lock
   or [7] button: Manual lock



Set manual lock mode

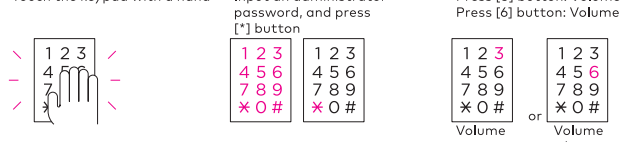
1. Touch the keypad with a hand
2. Input an administrator password, and press [*] button for two times
3. Press [8] button: [#] button: Disable
   Press [9] button: [#] button: Enabled



- Auto lock mode is set by default.
- In the initial setting of the manual lock mode, [#] button is not enabled.
- In auto lock mode, the door will automatically be locked in 2 seconds after it is closed.
- The door will not be automatically locked in manual lock mode

Volume control

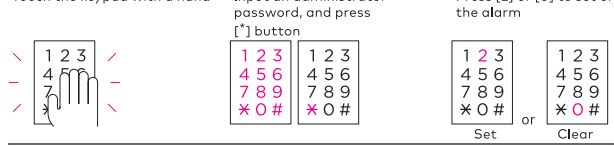
1. Touch the keypad with a hand
2. Input an administrator password, and press [*] button
3. Press [3] button: Volume up
   Press [6] button: Volume down



- The volume can be adjusted by seven degrees.

Set door unlock alarm

1. Touch the keypad with a hand
2. Input an administrator password, and press [*] button
3. Press [2] or [0] to set or clear the alarm



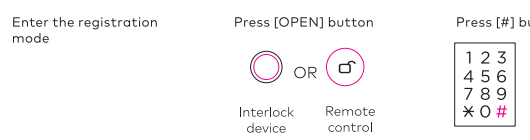
- Door unlock alarm is not enabled by default.
- In the door unlock alarm mode, alarm will go off if the door is not locked, and the blink for one minute.

Interlock/Remote control

· The Interlock/remoter will be sold separately

Register an interlock/remote control

1. Enter the registration mode
2. Press [OPEN] button
3. Press [#] button



- Repeat step 2 before step 3 will register another interlock / remote control. (Up to five devices may be registered.)

Delete an interlock/remote control

1. Enter the deletion mode
2. Press [5] button
3. Press [*] button

- Registering a new device will automatically delete the one registered before.

Alarm functions

Dead bolt trapping alarm

If the dead bolt is trapped when the door is opened or locked, alarm will go off and sounds like "beep beep beep beep" for three times.

- If the alarm never stops and the product does not function properly, contract an installation engineer to adjust the product's installation position.

Low battery alarm

Alarm will go off if it is under low battery and sounds like "beep beep beep" once the product turns on.

- When the battery alarm goes off, using the product without replacing the battery will fully discharge the battery. Therefore, make sure to replace batteries when the alarm is on.
- When replacing the battery, replace with all new ones.
- Do not mix new batteries with partially discharged or fully discharged batteries.
- Do not use batteries made from different manufacturers.

How to use an emergency battery

1. Connect an emergency battery (9 V) to the emergency power supply terminals.
2. Input an administrator/user password, and press [#] button.
3. (In the double authorization mode) Put an administrator/user RFID card on the reader.

- If the product does not work because of discharged battery, buy a new one (9 V).

Break-in / Damage alarm

80dB alarm will go off if anyone attempts to damage the lock or force the door to open.

- If you remove the battery, input a password, or put the RFID card on the reader, the alarm will stop.

Overheat warning

When a high temperature (62°C ± 5°C) is detected, alarm will go off and the lock mode will be removed in case a fire broke out.

- If the indoor unit is exposed to direct sunlight for a long period, alarm will go off as well.
- If overheat is detected, internal double lock mode will be automatically removed.
- This alarm won't be off while the product is overheated.

Multiple entry failure alarm

Entering a nonregistered password or reading a nonregistered RFID card for five consecutive times will make alarm go off and disable authorization for one minute.

- Try to enter the right password or read the right RFID card after one minute to open the door.